

Doctor of Design

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Board of Governors, State University System of Florida

Request to Offer a New Degree Program

(Please do not revise this proposal format without prior approval from Board staff)

Florida International University
University Submitting Proposal

Spring 2021

Proposed Implementation Term

College of Communication,
Architecture + the Arts

Department of Architecture

Name of College(s) or School(s)

Name of Department(s)/ Division(s)

Architecture and Building
Technology

Doctor of Design

Academic Specialty or Field

Complete Name of Degree

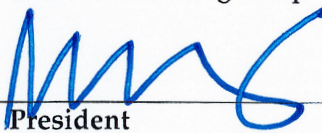
4.0902

Proposed CIP Code


The submission of this proposal constitutes a commitment by the university that, if the proposal is approved, the necessary financial resources and the criteria for establishing new programs have been met prior to the initiation of the program.

September 18, 2019


Date Approved by the University Board of
Trustees


President

8/23/19
Date


Signature of Chair, Board of
Trustees

9/19/19
Date


Vice President for Academic
Affairs

8/19/19
Date

Provide headcount (HC) and full-time equivalent (FTE) student estimates of majors for Years 1 through 5. HC and FTE estimates should be identical to those in Table 1 in Appendix A. Indicate the program costs for the first and the fifth years of implementation as shown in the appropriate columns in Table 2 in Appendix A. Calculate an Educational and General (E&G) cost per FTE for Years 1 and 5 (Total E&G divided by FTE).

Implementation Timeframe	Projected Enrollment (From Table 1)	
	HC	FTE
Year 1	5	2.50
Year 2	10	6.88
Year 3	15	9.38
Year 4	15	9.38
Year 5	16	9.88

Projected Program Costs (From Table 2)				
E&G Cost per FTE	E&G Funds	Contract & Grants Funds	Auxiliary Funds	Total Cost
\$11,444	\$28,610	0	\$30,000	\$58,610
\$12,510	\$123,598	\$102,400	\$38,400	\$264,398

INTRODUCTION

I. Program Description and Relationship to System-Level Goals

- A. Briefly describe within a few paragraphs the degree program under consideration, including (a) level; (b) emphases, including majors, concentrations, tracks, or specializations; (c) total number of credit hours; and (d) overall purpose, including examples of employment or education opportunities that may be available to program graduates.**

The FIU Department of Architecture, in the College of Communication, Architecture + The Arts, proposes a 60-credit post-master's applied architectural research and professional practice Doctor of Design (DDes) degree (Federally recognized STEM CIP 4.0902 in Architecture and Building Technology). The purpose of the STEM-focused doctoral program is to train candidates for key leadership positions in design investigation and in the growing related technology fields. The interdisciplinary course of study, which includes up to 75% online learning, prepares graduates for national and international careers in the design professions, industry, applied research, teaching, as well as leadership positions in public agencies and municipalities. The program educates graduates to navigate disciplinary and professional boundaries with knowledge and skills applicable both at the local and global scales. Expanding on advances in emerging technologies, the DDes program supports research in Architecture, a STEM field.

In his support letter for the program, Anthony J. Abbate, AIA Professor and Director, School of Architecture, and Associate Provost for the Broward Campuses at Florida Atlantic University states: "The proposed degree is designed to serve a growing market demand for post-professional specialized credentials and is supported by the technological assets currently housed at FIU. While research-based PhD degree programs prepare graduates for academic teaching and research, a DDes prepares graduates for specialized positions in areas of advanced applied research promoting improvement in the built environment."

The U.S. Bureau of Labor Statistics predicts (2018-2028) a 8% growth in demand for architects. "On net, there will be a projected need for approximately 25,000 new architecture positions over the coming decade – 5,000 due to industry growth and 20,000 due to retirements and other losses to the architecture labor force" (https://www.architectmagazine.com/aia-architect/aiafeature/how-many-architects-does-our-economy-need_o) Large architectural firms and public agencies will require more research-trained architects as technological advancements in visualization and fabrication are rapidly transforming the Architecture profession. Among these technologies are automated building design with advanced software, visualization technologies such as virtual reality and augmented reality, mass customization of building components with robotics, and large-scale 3D printing of building elements all of which are growing at an exponential rate. ([2017 report by the McKinsey Global Institute](#))

The U.S. Bureau of Labor Statistics also projects a 4.3% growth in demand for Postsecondary Architecture Teachers from 2018 to 2028. <https://www.bls.gov/ooh/architecture-and-engineering/architects.htm> Given that the Master of Architecture degree is required for admission, that professional degree plus the proposed research degree meets credentialing requirements for teaching in architecture programs.

The program, unique in the State of Florida, builds upon the strength of the existing accredited programs and talented faculty at the School of Architecture, and a strong international partnership with the University of Genoa (UNIGE). The FIU School of Architecture, founded in 1980, is composed of three closely aligned departments: Architecture, Interior Architecture, and Landscape Architecture + Environmental and Urban Design.

In addition, the program is supported by a growing roster of state-of-the-art technology-focused facilities in the college, including a Robotics and Digital Fabrication Laboratory (RDF Lab), an Integrated Computer-Assisted Virtual Environment (I-CAVE), a Structural + Environmental Technologies Lab (SET Lab), and an Innovation Lab at the Miami Beach Urban Studios. Students enrolled in the DDes program

gain valuable skills through specialized practicum experiences. They become eligible for research assistantships and may accrue teaching credentials as studio instructors.

The program is designed around hybrid courses that include short residency (two weeks per year) of intensive study within an online course. The residency periods will include lectures and workshops with distinguished experts, seminar discussions, and studio-style critiques. The online portion will include virtual classes with interactive discussion and individual student projects guided by faculty.

The hybrid curriculum is designed to be accessible to working professionals in Florida and the US and to faculty in college/university departments of Architecture in Florida, as well as inside and outside the US. The proposed program is also well positioned to serve traditionally underrepresented groups by educating and graduating minority architects. The feeder graduate program, the Master of Architecture (MArch) program, successfully attracts underrepresented students to FIU. Of the 540 students enrolled in the MArch program in 2019, 53% are women, 67% Latino, and 7% African American. These numbers exceed national averages: 40% women, 20% Latino, and 5% African American.

For all degree candidates, the DDes program requires a doctoral project based on the student's original research or creative activity.

B. Please provide the date when the pre-proposal was presented to CAVP (Council of Academic Vice Presidents) Academic Program Coordination review group. Identify any concerns that the CAVP review group raised with the pre-proposed program and provide a brief narrative explaining how each of these concerns has been or is being addressed.

The pre-proposal was presented to CAVP (Council of Academic Vice Presidents) Academic Program Coordination review group September 28, 2018. No concerns were voiced during this review.

C. If this is a doctoral level program please include the external consultant's report at the end of the proposal as Appendix D. Please provide a few highlights from the report and describe ways in which the report affected the approval process at the university.

Dr. William Braham, Professor of Architecture and Director of the Master of Environmental Building Design and of the Center for Environmental Building + Design program at the Department of Architecture at the University of Pennsylvania, served as the external consultant for this program proposal. On April 9, 2019, he visited FIU and met with the Architecture faculty and chair, the dean and college administrators, the Associate Vice President of Academic Planning and Accountability, and the Associate Dean of the Graduate School.

Professor Braham authored a supportive letter dated April 10, 2019 (See Appendix D). Dr. Braham begins his letter by writing: "Among the primary values of advanced research degrees are to attract, support, and develop faculty, who can in turn attract, support, and develop students capable of pursuing independent research. I believe that this degree will serve both purposes directly, and advance the capabilities and reputation of the Department and College." He continues by stating that the need for this degree supports professional research: "In response to the demands of new technologies, new environmental challenges, and new regulatory mandates, the professional practice of architecture has developed teams and specialized consultants pursuing research or analysis and academic positions: There are limited positions in PhD programs at US Universities, so this is can be a substantial pool of potential students." He notes that the size of the expected student cohort and PhD Faculty was "sensible" and that other faculty could "supervise DDes students" and that "It would seem sensible to develop a mechanism for bringing them into the program, which would add to the appeal of the program and its ability to adapt and grow."

He concludes his letter by supporting the hybrid curricular format with short residency periods: "The idea of bringing high-level speakers to give lectures or workshops at regular intervals through the residential period seems an excellent way to build the community and cross-fertilize the research initiatives, allowing the cohorts to come together regularly during the period. Using the Miami Beach

Urban Studios also adds an extra attraction to these periods and to the program.”

Dr. Braham’s insight and perceptive review underscored the value and need for this program and the attractiveness of our unique facility, the Miami Beach Urban Studios. In addition, based on Dr. Braham’s recommendation, we have added graduate faculty without PhDs to Appendix C because in his own words “there are also a number of other faculty in the Department without PhDs who conduct advanced level research and could supervise DDes students and benefit from working with them.” The department concurs, and believes these faculty will provide positive student support to Doctoral Project committees.

D. Describe how the proposed program is consistent with the current State University System (SUS) Strategic Planning Goals. Identify which specific goals the program will directly support and which goals the program will indirectly support (see link to the SUS Strategic Plan on [the resource page for new program proposal](#)).

The goals of the DDes program are consistent with the State University System (SUS) strategic planning goals. The SUS strategic planning goals include the following: (1) strengthen the quality and reputation of academic programs (teaching & learning excellence goal), (2) increase degree productivity and program efficiency (teaching & learning productivity goal), (3) increase the number of degrees awarded in STEM and other areas of strategic emphasis (teaching & learning strategic priorities for a knowledge economy goal), (4) strengthen the quality and reputation of scholarship, research, and innovation (scholarship, research, and innovation excellence goal), (5) increase research and commercialization activity (scholarship, research, and innovation productivity goal), (6) increase collaboration and external support for research activity (scholarship, research, and innovation strategic priorities for a knowledge economy goal), (7) strengthen the quality and recognition of commitment to community and business engagement (community & business engagement excellence goal), (8) increase levels of community and business engagement (community & business engagement productivity goal), and (9) meeting community and business workforce needs (community & business engagement strategic priorities for a knowledge economy).

(1) strengthen the quality and reputation of academic programs (teaching & learning excellence goal)

The establishment of this new degree will directly support this goal by creating one of only five post-professional DDes programs nationwide and the only DDes program in the state of Florida. This is a timely proposal given that the National Aptitude Test in Architecture (NATA) Executive Committee for Education recently determined that professional education should be at the master’s degree level and that post-professional education should be at the doctorate degree level. The current FIU Master of Architecture (MArch) program, which is accredited by the National Architectural Accrediting Board (NAAB), is the path to professional education while the proposed DDes will be the path to post-professional education, signifying advanced design practice as well as applied research and scholarship in architecture. The MArch program has established a strong reputation as evidenced by our students obtaining high-profile jobs and internships, American Institute of Architecture awards consistently won by our students, and a number 2 national ranking for best Master’s program in Architecture by <http://www.graduateprograms.com/>. FIU can leverage this reputation to recruit high quality faculty and students for the DDes program. Additionally, the current MArch program could serve as a feeder for the post-professional DDes program. The proposed DDes program will improve the quality and relevance of post-professional education afforded to architects, thereby, directly supporting the SUS goal of strengthening the quality and reputation of academic programs.

(2) increase degree productivity and program efficiency (teaching & learning productivity goal)

The post-professional DDes will directly support this goal by increasing doctoral degrees awarded by FIU by five per year after Year 2 of implementation. Because the proposed DDes program will include a 75% online option, it will expand accessibility for adult learners who are already employed in the profession and in universities both in the US and other countries. Lectures offered during the doctoral students’ short residency periods also will be open to advanced fifth-year students in the School of Architecture, enhancing their learning as well.

(3) increase the number of degrees awarded in STEM and other areas of strategic emphasis (teaching & learning strategic priorities for a knowledge economy goal)

This new program will directly support this goal by increasing the number of FIU STEM degrees at the doctoral level. Architecture is a STEM discipline recognized by NSF and other funding agencies, therefore the DDes program directly increases degrees awarded in Federal STEM categories by five per year. This CIP code is slated to be added to the BOG revised Programs of Strategic Emphasis list. It increases student access and success at the highest levels of STEM fields that respond to existing, evolving, and emerging critical needs and opportunities.

(4) strengthen the quality and reputation of scholarship, research, and innovation (scholarship, research, and innovation excellence goal)

The proposed DDes program will directly support this goal by advancing students' readiness to perform at the highest levels of the professional field, enhancing the quality of their scholarship, research, and innovation. The DDes students will complete an applied research project that will culminate in the submission of abstract proposals and manuscripts to professional conferences and peer-reviewed journals, respectively. New venues for publication of research in Architecture have recently opened to support increased research activity internationally. As students and graduates of FIU, their stature in the field will enhance the reputation of the University. The program includes short but intensive residencies when distinguished lecturers will be invited to enhance on-campus coursework. These lectures and workshops at the Miami Beach Urban Studios will encourage collaborative research at the highest levels of the field, which students will continue to pursue remotely. Bringing together expertise will enhance scholarship, research, and innovation for all participants and will build FIU's reputation.

(5) increase research and commercialization activity (scholarship, research, and innovation productivity goal) and (6) increase collaboration and external support for research activity (scholarship, research, and innovation strategic priorities for a knowledge economy goal)

The proposed DDes program focuses on research and professional expertise. Many of the doctoral projects will engage areas of faculty research that currently have external support or will be developed to apply for external support. This will directly support an increase in scholarship and research productivity. Collaborations with faculty members will be encouraged as will collaborations outside FIU. Because the program requires only short residency periods many students will develop collaborative teams in their home companies and institutions, which can open new associations and opportunities for FIU. Student projects, including those that focus on professional expertise, may lead to commercialization opportunities or business start-ups. Currently master-level students have participated in funded faculty research and have developed start-up businesses based on their degree projects.

(7) strengthen the quality and recognition of commitment to community and business engagement (community & business engagement excellence goal), (8) increase levels of community and business engagement (community & business engagement productivity goal), and (9) meeting community and business workforce needs (community & business engagement strategic priorities for a knowledge economy)

DDes graduates will directly support these goals by increasing FIU's connections to Miami's professional architectural community and the field at large. Their success will enhance FIU's already excellent reputation and will open new opportunities for engagement and innovation. FIU Department of Architecture already enjoys a reputation for producing excellent masters-level graduates who are employed as professionals in the field and often become influential leaders in the community and abroad. Increasingly, the global market for architectural design requires innovative research to develop new techniques of design, fabrication, and construction in a highly competitive field. Miami has become a center for Architecture with many firms working globally at the highest levels of the field. They also are pursuing research within their firms to support innovations at the cutting edge of the field. The proposed DDes program will educate students who are already professionals to meet this increasing and specialized need. Graduates of the DDes program will be valuable assets to the top firms and are positioned to contribute to the advancement of the field both locally and internationally.

- E. If the program is to be included in a category within the Programs of Strategic Emphasis as described in the SUS Strategic Plan, please indicate the category and the justification**

for inclusion.

The Programs of Strategic Emphasis Categories:

1. Critical Workforce:
 - Education
 - Health
 - Gap Analysis
2. Economic Development:
 - Global Competitiveness
3. Science, Technology, Engineering, and Math (STEM)

Please see the Programs of Strategic Emphasis (PSE) methodology for additional explanations on program inclusion criteria at [the resource page for new program proposal](#).

The Category for this program, effective 2020-21, is: Science, Technology, Engineering, and Math (STEM).

The Doctor of Design is designated as CIP 4.0902, Architectural and Building Sciences/Technology. This Federal and State STEM designation reflects the program's focus on STEM-related subjects such as: technologies of computer tools and applications, visualization, fabrication, building science, sustainability, and building performance. In the first semester of this program, two of the three required courses are STEM related. The first course, Theories of the Digital, provides students with a theoretical framework by which to understand and appraise the impact of the digital not only on architectural design and fabrication, but also on urban life in general. The second course, Advanced Studies in Technology focuses on emerging technologies including robotics, digital fabrication, sensing, and advanced visualization tools (virtual and augmented reality). This course will examine the fundamental applications driving these technologies and their utility in architectural design. The course will be composed of two parts: part one will focus on innovative ways of integrating these technologies into architectural production, and part two will focus on their impact on architectural design methodologies and research. The face-to-face residencies will afford more examples of these emerging technologies to be examined and applied to design production. Each student's doctoral project research will apply these principles to an identified problem.

F. Identify any established or planned educational sites at which the program is expected to be offered and indicate whether it will be offered only at sites other than the main campus.

The program will be offered at the Modesto A. Maidique Campus. Research facilities include the FIU Miami Beach Urban Studios (MBUS), which will also be used for a few selected face-to-face experiences in the program.

INSTITUTIONAL AND STATE LEVEL ACCOUNTABILITY

II. Need and Demand

- A. Need: Describe national, state, and/or local data that support the need for more people to be prepared in this program at this level. Reference national, state, and/or local plans or reports that support the need for this program and requests for the proposed program which have emanated from a perceived need by agencies or industries in your service area. Cite any specific need for research and service that the program would fulfill.**

Economic and Professional Need and Demand

The US Bureau of Labor Statistics expects a 8% growth in architecture jobs over the next decade (2018-2028) with the addition of 11,200 new jobs nationwide. <https://www.bls.gov/ooh/architecture-and-engineering/architects.htm>

“On net, there will be a projected need for approximately 25,000 new architecture positions over the coming decade—5,000 due to industry growth and 20,000 due to retirements and other losses to the architecture labor force.”

- From: *How many architects does our economy need?* By AIA chief economist Kermit Baker, Hon. AIA, is a senior research fellow at Harvard University and project director of its Remodeling Futures Program, January 5, 2018 https://www.architectmagazine.com/aia-architect/aiafeature/how-many-architects-does-our-economy-need_o

According to the US Bureau of Labor Statistics, Florida ranks 5th in the country with the highest employment of architects with an annual mean wage of \$77,550. <https://www.bls.gov/oes/current/oes171011.htm#st>

The Bureau is also projecting a **4.3% growth in demand for** Postsecondary Architecture Teachers from 2018 to 2028. (<https://data.bls.gov/projections/occupationProj>) Employment opportunities for postsecondary architecture teachers will increase and will become more competitive. The Association of Collegiate Schools of Architecture’s website posts national and international openings. Increasingly, the jobs posted on this site require or prefer doctoral level education. See: <https://www.acsa-arch.org/opportunities/find-a-job>

The proposed doctoral program specifically responds to the increasing demand for architects specializing in research and teaching. This need is particularly important for Florida, as it is the 5th highest state for architectural employment. Along with its projected growth, the profession will remain competitive and the Doctor of Design will provide job seekers with an important expertise. Letters of support from local architectural firms (Appendix E) indicate support for the professional doctorate as providing knowledge and skills beneficial for advanced practice.

In his support letter for the program, Anthony J. Abbate, AIA Professor and Director, School of Architecture, and Associate Provost for the Broward Campuses at Florida Atlantic University states: “The proposed degree is designed to serve a growing market demand for post-professional specialized credentials and is supported by the technological assets currently housed at FIU. While research-based PhD degree programs prepare graduates for academic teaching and research, a DDes prepares graduates for specialized positions in areas of advanced applied research promoting improvement in the built environment.” He continues his support by stating, “The DDes would be the first in the State University System of Florida and would fill a gap in the portfolio of degree offerings available in our state as demand for professional leadership and expertise in the field has grown significantly over the years.” (Appendix E)

We expect this program to be competitive for its uniqueness. It will be the only DDes program in the State of Florida. This doctorate degree brings together technological capability, problem solving skills, and professional practice-based opportunities for research and specialization. It is:

- Designed to comply with requirements for Federal STEM CIP 4.0902
 - Advances SUS areas of Strategic Emphasis
- Focused on areas of critical need for the design environment
 - Building + Technology + Urbanism
- Multi-disciplinary, project-based, and focused on data and technology-driven research
- An opportunity for FIU students in the design fields to develop research credentials and for design faculty to advance research at a high level
- An expansion of CARTA | SoA capacity at the doctoral level and to encourage funded research
- An enhancement of FIU Preeminent Programs
 - FIU Institute of Environment
 - STEM Transformation Institute
- An opportunity for international collaboration through existing partnerships and through the EU Horizon 2020 Program
- Built on the strategic FIU-CARTA investment in technology and instrumentation

Earning Potential of Doctoral Degrees

Letters of support from local architectural firms (Appendix E) indicate that our graduate's earning potential would improve with a professional doctorate.

Furthermore, according to the US Bureau of Labor Statistics, 2019:

- Unemployment rate and earnings by educational attainment, 2019
- Doctoral degrees have higher median usual weekly earnings \$1,883 versus Masters \$1,497 and Professional Degrees \$1,861

Doctoral degrees have lower unemployment rate 1.1% versus Masters 2% and Professional Degrees 1.6% <https://www.bls.gov/emp/chart-unemployment-earnings-education.htm>

Research Needs: Visualization, Advanced Fabrication Technologies, and Urbanism

The 2017 report by the McKinsey Global Institute estimates that by 2030, “75 million to 375 million workers (three to 14 percent of the global workforce) will need to switch occupational categories” due to automation.

https://www.mckinsey.com/~media/mckinsey/featured%20insights/future%20of%20organizations/what%20the%20future%20of%20work%20will%20mean%20for%20jobs%20skills%20and%20wages/mgi%20jobs%20lost-jobs%20gained_report_december%202017.ashx

While this statistic warns us of significant shifts in the workforce, it also presents an opportunity for creating new talents, jobs, industries, and ways of production. The core challenge, however, is to adjust our educational system to equip students for the critical thinking and skills required to face the future.

Technological advancements in visualization and fabrication are rapidly transforming the Architecture profession. Among these technologies are automated building design with advanced software, visualization technologies such as virtual reality and augmented reality, mass customization of building components with robotics, and large-scale 3D printing of building elements all of which are growing at an exponential rate.

According to the World Economic Forum, <http://reports.weforum.org/future-of-jobs-2016/employment-trends/> “resource-efficient sustainable production and robotics are all seen as strong drivers of employment growth in the Architecture and Engineering job family, in light of a continued and fast-growing need for specialists to create and manage advanced and automated production systems.” The need for architects with advanced technological capability will become a critical aspect of professional, research, and educational leadership. Like all other sectors of the economy, the demand for architects will move from the people who could perform routine jobs to either highly skilled workers or thought leaders.

In his support letter for the program, world-renowned architect Patrik Schumacher, Principal of Zaha Hadid Architects, states that he was himself a recipient of a doctorate from a program similar to that which is proposed and notes that new professionals’ and educators’ “reason for taking a doctoral programme is to advance their careers and give them qualifications that are likely to increase the potential of gaining research funding.” (Appendix E)

Over the past three years, in collaboration with the School of Computer Science, CARTA has made an investment of \$1.4 M to create the technological infrastructure and resources to support education, research, and innovation in this area. These resources include FIU’s Integrated Computer-Assisted Virtual Environment (I-CAVE), a high-end visualization instrument, and the Robotics and Digital Manufacturing Lab (RDF), which is equipped with large-scale robotic arms and state-of-the-art digital fabrication tools. These facilities not only offer leading edge technologies for invention and entrepreneurship, but also are becoming the necessary resources to conduct advanced research. These resources have created a competitive advantage for FIU Architecture. These investments have important community engagement applications, for example, the Visualizing Hurricane Katrina project used National Oceanographic and Atmospheric Administration and the University Corporation for Atmospheric Research data sets to create a scaled and interactive stereographic 3D model of Hurricane

Katrina by parsing approximately 2GB of satellite and radar data.

In summary, the proposed program is designed to educate students to meet the future research needs in these areas by training them through computational technologies, advanced research, and urbanism, so that they may become innovators for the design and building industries and/or educational leaders in this area.

- B. Demand: Describe data that support the assumption that students will enroll in the proposed program. Include descriptions of surveys or other communications with prospective students.**

FIU School of Architecture Alumni Survey of Interest in Possible DDes Program

The original student demand data to determine alumni interest was gathered as part of the feasibility study in May – June 2018 (112 Responses).

What is your current status?

Ninety percent are working professionals and 10% are graduate students.

What is the level of interest in the described doctoral degree?

Seventy-eight percent surveyed indicated an interest in the program.

Which of the following best describes your motivation to enroll in the program?

Twenty-seven percent surveyed showed interest to increase their potential to teach and conduct research at university level, 25% expressed interest to conduct research as part of their professional practice, and 10% indicated an interest to increase their earning potential and enhance their resume.

When would you likely enroll?

Twenty-nine percent expressed they would enroll within two years, and 45% indicated within three to five years.

Which of the following might be the most pressing obstacle to enrolling in the proposed degree?

Forty-eight percent surveyed expressed they would have difficulty with the cost of tuition, cost of living, and not enough time, while 25% indicated that the cost of tuition was the principal obstacle. (Note: Budget calls for five assistantships.)

I would consider enrolling in the program if:

Sixty-five percent would enroll in the program if they received a full assistantship to complete the degree, and 13% would consider it with a partial scholarship.

I would consider the program if:

Twenty-seven percent would consider the program if it was partially online, 44% would consider if it had a study abroad or an internship component, and 14% would consider it if it had no residency requirement (entirely online). (Editor's note: Although no "internship" or "study abroad" is required in the proposed degree, faculty research and that which is developed by the doctoral student may include practical experience either locally or internationally.)

FIU Architecture Student Survey of Interest in Possible DDes Program - 180 survey responses as of 6/12/2018

In a survey conducted for the feasibility study, among 150 FIU Master of Architecture students, 58% of the students showed the highest level of interest in the program with only 12% stating no interest.

What is status?

Seventy-one of the students surveyed are graduate students, 42 are undergraduate sophomores, and 14 are juniors.

What is the level of interest in the described Doctoral Degree?

The student survey showed a very positive interest level of 87.3%, and only a small percentage (12%) showed no interest in the program.

Which of the following best describes your motivation to enroll in the program?

The highest motivation to enroll in the program would be to increase earning potential, with conducting research as part of one's professional practice next in line of interest.

When would you likely enroll?

Students indicated they would be enrolling in the program within the next two (47%) to three (33%) years.

Which of the following might be the most pressing obstacle to enrolling in proposed degree?

The most pressing factors the students surveyed had with enrolling in the program was the cost of tuition and cost of living followed by not having enough time. (All three answers were the highest choice.)

I would consider enrolling in the program if:

Ninety percent of students surveyed would consider enrolling in the program if they received a full assistantship to complete the degree.

I would consider the program if:

Sixty-six percent of the students would consider the program if it had a study abroad or an internship or practicum component. (Editor's note: Although no "internship" or "study abroad" is required in the proposed degree, faculty research and that which is developed by the doctoral student may include practical experience either locally or internationally.)

There was a high interest as well if the program were partially online (35%).

FIU asserts that the two surveys provided documentation of substantial interest in the program, which was used to progress into the program proposal and consultant phase. Since the time of the surveys, student and alumni interest have been maintained through personal communications and updates.

- C. If substantially similar programs (generally at the four-digit CIP Code or 60 percent similar in core courses), either private or public exist in the state, identify the institution(s) and geographic location(s). Summarize the outcome(s) of communication with such programs with regard to the potential impact on their enrollment and opportunities for possible collaboration (instruction and research). In Appendix C, provide data that support the need for an additional program.**

In the State of Florida, there are no other DDes programs (professional doctorate) in any institution of higher education, public, or private. Additionally, there is no program in the SUS with CIP code 4.0902, graduate or undergraduate (the University of Miami received this CIP designation for its undergraduate and master's architecture programs in 2018). The University of Florida College of Design, Construction and Planning has a PhD program, CIP 4.0201, based in Gainesville. The Florida State University Department of Urban and Regional Planning has a PhD program, CIP 4.0301, based in Tallahassee.

During a CAVP Academic Program Coordination review group call reviewing the DDes pre-proposal, Florida A&M University (FAMU) expressed positive comments in support and suggested that FAMU could partner with the program to provide some of its graduates with post-professional degree opportunities. Subsequently a letter of support was received. (Appendix E).

Professional (non-PhD) doctorates in architecture and related fields outside the State of Florida and in the United States are the following:

North Carolina State University College of Design

Doctor of Design (DDes) | 54 credits (up to three years, online possible)

<https://design.ncsu.edu/academics/doctor-of-design/#overview>

Louisiana State University College of Art and Design
Doctor of Design in Cultural Preservation (DDes) | 60 credits (6 semesters)
<https://design.lsu.edu/doctor-design-cultural-preservation/>

Harvard University, Harvard Graduate School of Design
Doctor of Design (DDes) | 92 credits (three years)
<https://www.gsd.harvard.edu/doctoral-programs/doctor-of-design/>

Washington University in St. Louis
Doctor of Sustainable Urbanism (DrSU) | 72 credits (three-to-five years)
<https://samfoxschool.wustl.edu/programs/drsu>

Internationally, there are several new Doctor of Design programs:

The University of Western Australia, Perth, Australia
Doctor of Design, three years, full-time
<https://study.uwa.edu.au/courses/doctor-of-architecture-design>

University of Hertfordshire, Hertfordshire, United Kingdom
Doctor of Design, three years, full-time (fully online with (5) one-week residency events)
<https://www.herts.ac.uk/courses/professional-doctorate-in-design>

University of Gloucestershire, Gloucestershire, United Kingdom
Doctor of Design, three years, full-time
<http://www.glos.ac.uk/courses/research/dde/pages/doctorate-in-design-ddes.aspx>

- D. Use Table 1 in Appendix A (1-A for undergraduate and 1-B for graduate) to categorize projected student headcount (HC) and Full Time Equivalents (FTE) according to primary sources. Generally undergraduate FTE will be calculated as 30 credit hours per year and graduate FTE will be calculated as 24 credit hours per year. Describe the rationale underlying enrollment projections. If students within the institution are expected to change majors to enroll in the proposed program at its inception, describe the shifts from disciplines that will likely occur.**

Projected headcount is to admit five students/year (spring term) with a total of all cohorts of 16 in Year 5. (See Table 1-B Grad Enrollment, Appendix A along with a "Headcount + Cal" tab to better explain the determinations for Table 1-B) This number reflects a student/faculty ratio of 2:1 (three current faculty are eligible to teach in the program with one search in process, for a total of four). By Year 2, each faculty will advise two students, one in the first year and one in the second year of the program. These numbers are comparable to those of the professional doctoral programs offered by NC State, LSU, and Washington University.

Note that the program start date for each cohort is spring term. Program completion (two years to complete) will occur in the fall. Thus, by Year 3, the headcount includes three cohorts, with enrollment of the first cohort graduating in fall and the third cohort starting that same year in spring. FTE calculations reflect this programmatic feature and are diagramed in the Headcount + Cal tab in Appendix A.

- E. Indicate what steps will be taken to achieve a diverse student body in this program. If the proposed program substantially duplicates a program at FAMU or FIU, provide, (in consultation with the affected university), an analysis of how the program might have an impact upon that university's ability to attract students of races different from that which is predominant on their campus in the subject program. The university's Equal Opportunity Officer shall review this section of the proposal and then sign and date Appendix B to indicate that the analysis required by this subsection has been completed.**

The proposed program is also well positioned to serve traditionally underrepresented groups by educating and graduating minority architects. The feeder graduate program, the MArch program, successfully attracts underrepresented students to FIU. Of the 479 students enrolled in the MArch program in 2017, 53% are women, 66% Latino, 12.5%, and 7% African American. These numbers compare favorably with national averages: 40% women, 20% Latino, and 5% African American. On August 17, 2018, the department faculty met to adopt a diversity and inclusion plan. The plan states: “The FIU Department of Architecture is committed to seek and maintain a faculty that is diverse in its individual composition, topics of study, approaches to scholarship, and pedagogy. The Department of Architecture’s concept of diversity encompasses acceptance and respecting that each individual is unique in order to create a safe, positive, and nurturing environment. The Department of Architecture defines diversity along the dimensions of race, ethnicity, gender, sexual orientation, socio-economic status, age, physical abilities, religious beliefs, political beliefs, or other ideologies. We aspire to reflect the diversity of our student body.” The plan then outlines measures to attain a diverse student and faculty body.

III. Budget

- A. Use Table 2 in Appendix A to display projected costs and associated funding sources for Year 1 and Year 5 of program operation. Use Table 3 in Appendix A to show how existing Education & General funds will be shifted to support the new program in Year 1. In narrative form, summarize the contents of both tables, identifying the source of both current and new resources to be devoted to the proposed program. (Data for Year 1 and Year 5 reflect snapshots in time rather than cumulative costs.)**

Table 2.

The current Master of Architecture (MArch) program has over 450 majors, and this new program represents a negligible increase in students. No additional expenses other than faculty time and assistantships will be attributed to its budget cost. Year 1: Existing Education & General funds will be shifted to support the new program in Year 1 by an adjustment of the annual assignments of four PhD faculty to teach and advise the cohorts of five doctoral students. These new assignments will be part of teaching and service. Additionally, a small amount of existing staff time will be allocated to support this program.

Assistantships will be funded in Year 1 by the College of Communication, Architecture + the Arts Foundation sources.

Year 5: E&G funds for faculty effort will be supported by contracts, grants, and philanthropy for assistantships. The approval of the degree program will afford fund raising opportunities to solicit specific partnerships with industry to support assistantships, as well as grant solicitations in support of faculty research with graduate assistantship opportunities.

Dean Brian Schriener confirmed the allocation of CARTA foundation funds for this program’s implementation.

For contract and grant funding, see below section III.E. regarding current NSF awards, which are expected going forward to include doctoral assistantships. Given the department’s grant awards, it is projected that the presence of a professional doctorate will enhance future grant applications.

Table 3.

Existing Education & General funds will be shifted to support the new program in Year 1.

- B. Please explain whether the university intends to operate the program through continuing education, seek approval for market tuition rate, or establish a differentiated graduate-level tuition. Provide a rationale for doing so and a timeline for seeking Board of Governors’ approval, if appropriate. Please include the expected rate of tuition that the university plans to charge for this program and use this amount when calculating cost**

entries in Table 2.

This program will not be operated through continuing education FIU's current graduate tuition is \$379.95 per credit for residents and \$900 for non-residents. FIU's current graduate tuition and fees are \$455.64 per credit for residents and \$1,001.69 for non-residents (Per credit fees for in-state include \$75.69 plus per semester fees of \$10 for intercollegiate athletics, \$93.69 for student health services, and \$95.13 for transportation access – out-of-state students pay per credit fees of \$101.69 plus semester fees noted above. Source, FIU 2020-2021 Graduate Catalog). The program is 60 credits. As designed, recent MArch degree students may apply 15 identified credit hours from the 174-credit master's degree to the DDes (see Section VIII. C). However, the total cost of tuition plus per credit fees for a self-paying in-state student, without the benefit of transferring 15 recent MArch credits, is approximately $\$455.64 \times 60 = \$27,338$ plus semester fees for each semester enrolled.

- C. If other programs will be impacted by a reallocation of resources for the proposed program, identify the impacted programs and provide a justification for reallocating resources. Specifically address the potential negative impacts that implementation of the proposed program will have on related undergraduate programs (i.e., shift in faculty effort, reallocation of instructional resources, reduced enrollment rates, greater use of adjunct faculty and teaching assistants). Explain what steps will be taken to mitigate any such impacts. Also, discuss the potential positive impacts that the proposed program might have on related undergraduate programs (i.e., increased undergraduate research opportunities, improved quality of instruction associated with cutting-edge research, improved labs and library resources).**

The current budget for the department is more than \$2.3M. It is proposed that only a minimal amount of financial resources would be reallocated for this program (\$28,610 in Year 1). This reallocation is justified by the enhanced benefits outlined in Section I. The department only issues graduate degrees (Master of Arts in Architecture and Master of Architecture) and this new degree will, therefore, have no negative impact on undergraduate programs. The faculty that are assigned to work on this program currently are supporting our Master of Arts in Architecture (a post-professional research degree). The Master of Arts in Architecture program will be discontinued once this doctorate is in place, resulting in minimal adjustments in existing faculty workloads. The advanced electives offered by this program enhance the learning experience for fifth-year Master of Architecture students.

- D. Describe other potential impacts on related programs or departments (e.g., increased need for general education or common prerequisite courses, or increased need for required or elective courses outside of the proposed major).**

No other departments or programs are impacted by this program.

- E. Describe what steps have been taken to obtain information regarding resources (financial and in-kind) available outside the institution (businesses, industrial organizations, governmental entities, etc.). Describe the external resources that appear to be available to support the proposed program.**

The proposed program will expand access to external funding and, thus, to research and instructional opportunities for students and faculty. It will open doors for students interested in post-professional academic and applied research. At FIU, the proposed program will ultimately expand program competitiveness and serve to attract, retain, and graduate the very best students. It will also support the recruitment of excellent research faculty. This STEM doctorate allies funding agencies that give preferences to STEM research at the highest academic levels. Being a Federally recognized STEM discipline by funding agencies will allow architecture faculty to pursue these funding programs, as well as increase their chances of success in obtaining funding in general. It will also further strengthen the potential of developing interdisciplinary collaborations in which architecture faculty play a leading role.

According to the 2018, ACSA White Paper on Architectural Education Research and STEM, 4.3 Funding

Sources for STEM Projects: “With regard to funding sources, the survey showed that STEM-related architectural research projects receive funding from a wide range of funding sources including federal agencies, foundations, associations, industry, and well as state and local sources.... Thirty projects (33%) received funding from federal agencies, including 25 from federal agencies in North America. Funding from federal agencies in North America totaled approximately \$10,000,000. Out of those, 13 projects were funded by the National Science Foundation (NSF) with a total funding of \$4,300,000. Other Federal sources included NIH, NPS, the US Dept. of the Navy, US DOE, US DOT, and The Social Sciences and Humanities Research Council of Canada. Foundations such as the Alfred P. Sloan Foundation, the Auerbach Theater Architecture Fund, Graham Foundation, and others were listed as the second most common source of funding with 19% (17) of the projects noting these. Industry grants from Autodesk and Ford Motor Company and grants from Associations such as the AIA were other notable contributors for research funds.”

The department has a proven record of achieving federal funding for research.

National Science Foundation (NSF) Funding

Title: Preparing the Future Workforce of Architecture, Engineering, and Construction for Automation and Robotic Processes (C-Accel)

Date: 2019-2020

Phase 1: \$947,000

This project aims to develop and deliver the Robotics Academy, a cloud-based of AI-powered robotics and automation training and set of resources for the building industry workers, businesses, entrepreneurs, professionals and policy makers. Using advances in Artificial Intelligence (AI), cloud computing, Internet of Things (IoT), big data analytics, Virtual Reality (VR) and Augmented Reality (AR), the Robotics Academy creates a personalized curriculum and experience for automation training and learning.

Phase 2 – competition – proposal due May 13, 2020-

Funding request: \$5,000,000

Date: 2020-2022

NSF: CREST – Interdisciplinary

Title: Center for Aquatic Chemistry and Environment

Date: 2019-2020

Current: \$5,000,000 (Architecture funds four research assistants from this grant involving multiple FIU units)

Description: CREST includes pioneering research and developing cutting-edge technologies that address the complex issues of environmental contamination and pollution. The Center identifies and detects pollutants as they change and travel throughout South Florida, as well as develops tools to analyze and communicate data that will inform decision makers. This process is divided into four Research Focus Areas: Detection and Identification; Fate and Transport; Impacts and Visualization; and Education Research.

<https://crestcache.fiu.edu/>

The pre proposal for the second round of funding from 2021-2026 submitted.

Title: RAPID: A Platform for Mitigating the Impacts of COVID-19 on the Healthcare System

Date: June 1, 2020-2021

Award: \$159,300

A multidisciplinary team from CARTA and CEC just received a new NSF award, RAPID: A Platform for Mitigating the Impacts of COVID-19 on the Healthcare System, set to begin June 1st via an award of \$159,300. The PI of this award is Prof. Shahin Vassigh of the Department of Architecture; the Co-PIs are Profs. Miguel Alonso, Jr. (School of Computing and Information Sciences - SCIS), Biayna Bogosian (Architecture), and Shu-Ching Chen (SCIS); and Hadi Alhaffar (Architecture) is a Senior Investigator.

This award is the result of ongoing collaboration by faculty and staff who are affiliated with both FIU's RDF lab and the Innovation for Sustainable Built Environments research group housed within FIU's Institute of Environment. It leverages FIU's C-Accel Phase I award, which is creating the Robotics Academy (<http://roboticsacademy.fiu.edu>) by extending the Academy's work to enable the team to address the shortage of essential medical supplies, Personal Protective Equipment, and crucial medical technologies during the current COVID-19 Global Pandemic. The team will work closely with healthcare experts and providers to provide training support, problem-solving resources, and professional networking for idea exchanges for healthcare professionals, caregivers, and technologists that are on the frontlines in the fight against COVID-19.

Additional information about this award is available at

https://www.nsf.gov/awardsearch/showAward?AWD_ID=2029557

IV. Projected Benefit of the Program to the University, Local Community, and State

Use information from Tables 1 and 2 in Appendix A, and the supporting narrative for “Need and Demand” to prepare a concise statement that describes the projected benefit to the university, local community, and the state if the program is implemented. The projected benefits can be both quantitative and qualitative in nature, but there needs to be a clear distinction made between the two in the narrative.

The proposed DDes program benefits the University by contributing to research at the highest levels of a STEM field, an area of strategic emphasis. Quantitatively, the DDes will increase degree productivity and program efficiency by increasing doctoral degrees awarded by FIU by five per year after Year 2 of implementation. The DDes will be one of only five post-professional DDes programs nationwide and the only DDes program in the state of Florida. DDes students will work with faculty on research projects that increasingly will be funded externally, thus enhancing the reputation of the School of Architecture and the value of all architecture degrees. Some DDes students will teach directly in the existing Master of Architecture program, and all will give presentations of their work to all other architecture students.

Qualitatively, the DDes will benefit the local community by educating local students to compete at the highest levels of the architecture profession with this advanced STEM degree. Many program graduates will choose to work locally in architecture firms that increasingly practice at a global scale. Their work will contribute to research in the field and enhance the professional economy of Miami and the State of Florida. Other graduates may teach in universities locally that offer architecture degrees: Miami Dade College, Florida Atlantic University, and FIU, or secondary schools that offer courses in architecture. Program graduates are also qualified to teach in other parts of the state, other states, and internationally.

V. Access and Articulation – Bachelor’s Degrees Only

- A. If the total number of credit hours to earn a degree exceeds 120, provide a justification for an exception to the policy of a 120 maximum and submit a separate request to the Board of Governors for an exception along with notification of the program’s approval. (See criteria in Board of Governors Regulation 6C-8.014)**

Not applicable.

- B. List program prerequisites and provide assurance that they are the same as the approved common prerequisites for other such degree programs within the SUS (see link to the Common Prerequisite Manual on [the resource page for new program proposal](#)). The courses in the Common Prerequisite Counseling Manual are intended to be those that are required of both native and transfer students prior to entrance to the major program, not simply lower-level courses that are required prior to graduation. The common prerequisites and substitute courses are mandatory for all institution programs listed, and must be approved by the Articulation Coordinating Committee (ACC). This requirement includes those programs designated as “limited access.”**

If the proposed prerequisites are not listed in the Manual, provide a rationale for a request for exception to the policy of common prerequisites. NOTE: Typically, all lower-division courses required for admission into the major will be considered prerequisites. The curriculum can require lower-division courses that are not prerequisites for admission into the major, as long as those courses are built into the curriculum for the upper-level 60 credit hours. If there are already common prerequisites for other degree programs with the same proposed CIP, every effort must be made to utilize the previously approved prerequisites instead of recommending an additional "track" of prerequisites for that CIP. Additional tracks may not be approved by the ACC, thereby holding up the full approval of the degree program. Programs will not be entered into the State University System Inventory until any exceptions to the approved common prerequisites are approved by the ACC.

Not applicable.

- C. If the university intends to seek formal Limited Access status for the proposed program, provide a rationale that includes an analysis of diversity issues with respect to such a designation. Explain how the university will ensure that Florida College System transfer students are not disadvantaged by the Limited Access status. NOTE: The policy and criteria for Limited Access are identified in Board of Governors Regulation 6C-8.013. Submit the Limited Access Program Request form along with this document.

Not applicable.

- D. If the proposed program is an AS-to-BS capstone, ensure that it adheres to the guidelines approved by the Articulation Coordinating Committee for such programs, as set forth in Rule 6A-10.024 (see link to the Statewide Articulation Manual on [the resource page for new program proposal](#)). List the prerequisites, if any, including the specific AS degrees which may transfer into the program.

Not applicable.

INSTITUTIONAL READINESS

VI. Related Institutional Mission and Strength

- A. Describe how the goals of the proposed program relate to the institutional mission statement as contained in the SUS Strategic Plan and the University Strategic Plan (see link to the SUS Strategic Plan on [the resource page for new program proposal](#)).

FIU Mission Statement

Florida International University is an urban, multi-campus, public research university serving its students and the diverse population of South Florida. We are committed to high-quality teaching, state-of-the-art research and creative activity, and collaborative engagement with our local and global communities.

Program Alignment with FIU's Mission

The DDes is closely aligned with the three key components of FIU's mission: high-quality teaching, research, and collaborative engagement.

High-Quality Teaching

The Department of Architecture, through its DDes, will continue to serve a diverse student body with a variety of academic backgrounds, experiences, and interests by creating an open atmosphere of inquiry and exchange that engages the varied cultural and academic experiences of faculty and students.

Presenting architecture as a reflective and conceptually based discipline, the faculty will encourage DDes students to form thoughtful and imaginative solutions to the challenges confronting urban society here and abroad and to cultivate intellectual curiosity and life-long learning. The students will be taught the disciplinary norms of knowledge and the skills necessary to take leadership roles in a changing profession.

Research

The DDes will support faculty research by giving students opportunities to work on faculty projects. Each student will also pursue an independent doctoral project. Faculty and student research will enhance the research environment at FIU and facilitate engagement across disciplines, including STEM and the humanities fields. The research will enhance innovation and collaboration in creating solutions for our community and beyond.

Architecture faculty have on-going research that include active Federal grants (NSF: IUSE, NSF: CREST), particularly in visualization and sustainability. The doctoral program will increase opportunities for faculty to expand research programs and to develop sponsored research. Doctoral students may work with faculty on research proposals and on funded research projects, either as part of their own doctoral projects or as graduate assistants. Their skills and year-to-year duration in the program will enhance sponsored research in visualization and sustainability.

Collaborative Engagement

The Department of Architecture will continue to foster sensitivity and appreciation for the constructed and natural environments of South Florida and engaging our communities' challenges. The department values the unique opportunities and challenges for creative exploration and problem-solving afforded by South Florida's rich sub-tropical ecologies, urban contexts, as well as multicultural and multilingual populace.

The Architecture faculty participates in FIU's collaborative engagement centers and institutes, including the Institute of Environment and the Extreme Events Institute. The proposed doctoral program will expand this participation. For example, through the Extreme Events Institute, Architecture faculty and doctoral students may pursue opportunities to collaborate on initiatives including Visualization of Hazards and Disaster Risk and Resilience in the Americas programs. Architecture faculty members are currently collaborating with other faculty across the University in several Institute of Environment initiatives and funded grant projects, including the Southeast Environmental Research Center, the Florida Coastal Everglades Long Term Ecological Research Program, the Sea Level Solutions Center, and the research unit of the Sustainable Built Environment and Informatics. Faculty research and doctoral student projects could further contribute to these initiatives through interdisciplinary collaboration designed to solve critical problems in our region.

B. Describe how the proposed program specifically relates to existing institutional strengths, such as programs of emphasis, other academic programs, and/or institutes and centers.

The DDES supports the efforts of FIU's existing Institute of Environment in a significant way. This institute involves 60 countries, \$40,000,000 in research funding and has produced 1,200 peer reviewed publications. In collaboration with local and international partners, the Institute of Environment works to increase community resilience across the globe; and to develop adaptive management of terrestrial, freshwater, coastal, and marine resources. Over the past three years, the Department of Architecture has had faculty including Professor Shahin Vassigh and Assistant Professor Biayna Bogosian and five graduate students (each supported by \$21,000 of graduate assistantships) conduct research at the Institute's Centers of Research Excellence in Science and Technology (CREST) which is an NSF supported Center. This engagement has brought a new perspective to the center's research by integrating the challenges of the sustainability of built environment with the natural environment. The DDes students can expand this research and strengthen the interdisciplinary research at the Institute.

- C. Provide a narrative of the planning process leading up to submission of this proposal. Include a chronology in table format of the activities, listing both university personnel directly involved and external individuals who participated in planning. Provide a timetable of events necessary for the implementation of the proposed program.

Doctorate Degree Committee

Jason Chandler, Associate Professor, Department Chair
 Marilys Nepomechie, Professor, Associate Dean
 Shahin Vassigh, Professor, Associate Dean
 Gray Read, PhD, Associate Professor
 Alfredo Andia, PhD, Associate Professor
 Neil Leach, PhD, Assistant Professor
 David Rifkind, PhD, Associate Professor
 Thomas Spiegelhalter, Associate Professor
 Eric Peterson, Senior Instructor

Planning Process

Date	Participants	Planning Activity
2-10-2017	Provost Furton, Dean Schriner, Jason Chandler, and Marilys Nepomechie	Accreditation Team room walk through with Provost Furton, Dean Schriner, Jason Chandler and Marilys Nepomechie. Provost supported the idea of a professional doctorate.
8-18-2017	Jason Chandler, Marilys Nepomechie, Neil Leach, Shahin Vassigh, Gray Read, Thomas Spiegelhalter, Eric Peterson, David Rifkind, Hwang Yi, Alfredo Andia	Chandler briefly presented the state of the Doctor of Architecture and that we need to begin developing it as soon as possible. The following committee was formed: Jason Chandler, Marilys Nepomechie, Neil Leach, Shahin Vassigh, Gray Read, Thomas Spiegelhalter, Eric Peterson, David Rifkind, Hwang Yi, and Alfredo Andia.
9-20-2017	Jason Chandler, Marilys Nepomechie, Neil Leach, Shahin Vassigh, Gray Read, Thomas Spiegelhalter, Eric Peterson, David Rifkind, Hwang Yi, Alfredo Andia	Doctor of Architecture Committee meeting – committee agreed to pursue a non-NAAB degree and to review new models for the doctorate including short residencies and star readers.
10-6-2017	Jason Chandler, Marilys Nepomechie, Neil Leach, Shahin Vassigh, Gray Read, Thomas Spiegelhalter, Eric Peterson, David Rifkind, Hwang Yi, Alfredo Andia	Read/Nepomechie updated faculty on conversation to pursue a non-NAAB degree and to review new models for the doctorate including short residencies and star readers.
12-13-2017	Jason Chandler, Marilys Nepomechie, Neil Leach, Shahin Vassigh, Gray Read, Thomas Spiegelhalter, Eric Peterson, David Rifkind, Hwang Yi, Alfredo Andia	Chandler summarized the work of the committee to date: Nepomechie and Vassigh developed a white paper for the doctorate; the faculty supported a non-NAAB accredited doctorate program, valued short residency and online options. Cost was a critical part of this discussion with the European School and the new Shanghai program as free

		models and the current funding of the MAA program.
1-12-2018	Jason Chandler, Marilys Nepomechie, Neil Leach, Shahin Vassigh, Gray Read, Thomas Spiegelhalter, Eric Peterson, David Rifkind, Hwang Yi, Alfredo Andia	The faculty discussed the need to create a survey to run market viability of the doctorate. The survey should go to our students and to SIGGRAPH (Andia to email). The survey should include number of credits, cost, time of residency.
Summer 2018	Jason Chandler, Gray Read, Susan Himburg, Dean Schriner, Lilia Silverio-Minaya	Chandler and Read worked with Susan Himburg, Associate Vice President of Academic Planning and Accountability, to develop the New Academic Degree Program Authorization Pre-Proposal Form. Chandler worked with Susan Himburg, Dean Schriner, and Assistant Dean Lilia Silverio-Minaya to develop the New Degree Proposal Worksheet.
8-23-2018	Jason Chandler, Susan Himburg	New Academic Degree Program Authorization Pre-Proposal Form and New Degree Proposal Worksheet was submitted to Susan Himburg for review and approval by Senior VP for Academic and Student Affairs Elizabeth Bejar and the Provost.
4-9-2019	Dr. William Braham, external consultant	Dr. Braham visited FIU, and he met with Architecture faculty and chair, the Dean and his administrators, the Associate Vice President of Academic Planning and Accountability, and the Associate Dean of the Graduate School.
4-10-2019	Dr. William Braham, external consultant	External consultant letter submitted.

Events Leading to Implementation

Date	Implementation Activity
9-28-2018	CAVP meeting - no concerns about the proposal
2-5-2019	FIU Faculty Senate Approves Proposal
1-27-2019	Executive Summary Drafted
4-9-2019	External Consultant visits FIU
9-18-2019	New Program Proposal approved by BOT
Spring 2020	Florida Board of Governors staff reviews proposal and determines readiness for June 2020 BOG meeting
June 2020	Board of Governors considers proposal for approval and upon approval adds degree to the Academic Program Inventory
Spring 2021	Once approved by BOG, First Cohort of Students accepted

VII. Program Quality Indicators - Reviews and Accreditation

Identify program reviews, accreditation visits, or internal reviews for any university degree

programs related to the proposed program, especially any within the same academic unit. List all recommendations and summarize the institution's progress in implementing the recommendations.

Accreditation

The Master of Architecture program has been accredited by The National Architectural Accrediting Board (NAAB) since January 1999. The program was re-accredited in 2002, 2009, 2011, and in 2017 for an 8-year accreditation term. Each re-accreditation required a NAAB team site visit and resulting Visiting Team report. The program also submits annual Statistical Reports.

In the NAAB February 22, 2017, Visiting Team Report, the team stated that the program “met” all the 26 Student Performance Criteria (provided below) of the 2014 Conditions for Accreditation except two (B1 & D1). The program addressed these deficiencies as follows:

To address the “Not Met” for B1: The department instituted a required programming exercise in the Sustainable Design Studio with Professor Read’s supervision.

To address the “Not Met” for D1: Professor Chandler, a licensed Florida architect, assumed the responsibility of teaching the professional office practice class and reworked the course material addressing stakeholders.

Student Performance Criteria

A.1 Professional Communication Skills: *Ability* to write and speak effectively and use representational media appropriate for both within the profession and with the general public.

A.2 Design Thinking Skills: *Ability* to raise clear and precise questions, use abstract ideas to interpret information, consider diverse points of view, reach well-reasoned conclusions, and test alternative outcomes against relevant criteria and standards.

A.3 Investigative Skills: *Ability* to gather, assess, record, and comparatively evaluate relevant information and performance in order to support conclusions related to a specific project or assignment.

A.4 Architectural Design Skills: *Ability* to effectively use basic formal, organizational, and environmental principles and the capacity of each to inform two- and three-dimensional design.

A.5 Ordering Systems: *Ability* to apply the fundamentals of both natural and formal ordering systems and the capacity of each to inform two- and three- dimensional design.

A.6 Use of Precedents: *Ability* to examine and comprehend the fundamental principles present in relevant precedents and to make informed choices about the incorporation of such principles into architecture and urban design projects.

A.7 History and Global Culture: *Understanding* of the parallel and divergent histories of architecture and the cultural norms of a variety of indigenous, vernacular, local, and regional settings in terms of their political, economic, social, ecological, and technological factors.

A.8 Cultural Diversity and Social Equity: *Understanding* of the diverse needs, values, behavioral norms, physical abilities, and social and spatial patterns that characterize different cultures and individuals and the responsibility of the architect to ensure equity of access to sites, buildings, and structures.

B.1 Pre-Design: *Ability* to prepare a comprehensive program for an architectural project that includes an assessment of client and user needs; an inventory of spaces and their requirements; an analysis of site conditions (including existing buildings); a review of the relevant building codes and standards, including relevant sustainability requirements, and an assessment of their implications for the project; and a definition of site selection and design assessment criteria.

B.2 Site Design: *Ability* to respond to site characteristics, including urban context and developmental patterning, historical fabric, soil, topography, ecology, climate, and building orientation, in the development of a project design.

B.3. Codes and Regulations: *Ability* to design sites, facilities, and systems that are responsive to relevant codes and regulations and include the principles of life-safety and accessibility standards.

B.4 Technical Documentation: *Ability* to make technically clear drawings, prepare outline specifications, and construct models illustrating and identifying the assembly of materials, systems, and components appropriate for a building design.

B.5 Structural Systems: *Ability* to demonstrate the basic principles of structural systems and their ability to withstand gravitational, seismic, and lateral forces, as well as the selection and application of the appropriate structural system.

B.6 Environmental Systems: *Ability* to demonstrate the principles of environmental systems' design, how design criteria can vary by geographic region, and the tools used for performance assessment. This demonstration must include active and passive heating and cooling, solar geometry, daylighting, natural ventilation, indoor air quality, solar systems, lighting systems, and acoustics.

B.7 Building Envelope Systems and Assemblies: *Understanding* of the basic principles involved in the appropriate selection and application of building envelope systems relative to fundamental performance, aesthetics, moisture transfer, durability, and energy and material resources.

B.8 Building Materials and Assemblies: *Understanding* of the basic principles used in the appropriate selection of interior and exterior construction materials, finishes, products, components, and assemblies based on their inherent performance, including environmental impact and reuse.

B.9 Building Service Systems: *Understanding* of the basic principles and appropriate application and performance of building service systems, including lighting, mechanical, plumbing, electrical, communication, vertical transportation, security, and fire protection systems.

B.10 Financial Considerations: *Understanding* of the fundamentals of building costs, which must include project financing methods and feasibility, construction cost estimating, construction scheduling, operational costs, and life-cycle costs.

C.1 Research: *Understanding* of the theoretical and applied research methodologies and practices used during the design process.

C.2 Integrated Evaluations and Decision-Making Design Process: *Ability* to demonstrate the skills associated with making integrated decisions across multiple systems and variables in the completion of a design project. This demonstration includes problem identification, setting evaluative criteria, analyzing solutions, and predicting the effectiveness of implementation.

C.3 Integrative Design: *Ability* to make design decisions within a complex architectural project while demonstrating broad integration and consideration of environmental stewardship, technical documentation, accessibility, site conditions, life safety, environmental systems, structural systems, and building envelope systems and assemblies.

D.1 Stakeholder Roles in Architecture: *Understanding* of the relationships among key stakeholders in the design process – client, contractor, architect, user groups, local community – and the architect's role to reconcile stakeholder needs.

D.2 Project Management: *Understanding* of the methods for selecting consultants and assembling teams; identifying work plans, project schedules, and time requirements; and recommending project delivery methods.

D.3 Business Practices: *Understanding* of the basic principles of a firm's business practices, including financial management and business planning, marketing, organization, and entrepreneurship.

D.4 Legal Responsibilities: *Understanding* of the architect's responsibility to the public and the client as determined by regulations and legal considerations involving the practice of architecture and professional service contracts.

D.5 Professional Conduct: *Understanding* of the ethical issues involved in the exercise of professional judgment in architectural design and practice and understanding the role of the NCARB Rules of Conduct and the AIA Code of Ethics in defining professional conduct.

The program is accredited through 2025.

Program Review – 2017-18

The Department program review focused on the Master of Architecture (MArch) degree. Given the proximity to the specialized accreditation visit, that outside review process was incorporated into the program review. In addition, the Department included in its Improvement Action Plan the establishment of the Doctor of Design degree for the unit to achieve its long-range research, ranking, and branding goals.

VIII. Curriculum

A. Describe the specific expected student learning outcomes associated with the proposed

program. If a bachelor's degree program, include a web link to the Academic Learning Compact or include the document itself as an appendix.

The mission of the Doctor of Design is to advance architectural research and expand professional practice. The purpose of this STEM-focused doctoral program is to train candidates for key leadership positions in architectural design and the growing related technology fields. It prepares candidates for national and international careers in the design professions, industry, applied research, teaching, as well as leadership positions in public agencies and municipalities. The program educates graduates to navigate disciplinary and professional boundaries with knowledge and skills applicable both at the local and global scales. The student learning outcomes that follow are aligned with these goals. Doctor of Design graduates will demonstrate:

1. The ability to contribute to architectural design knowledge through the completion of the doctoral project that leads to submission for presentation at a professional meeting and/or publication in a peer-reviewed journal.

To meet this SLO, DDes students would demonstrate knowledge of emerging Architectural technologies that incorporates robotics processes for design and construction, advanced digital fabrication, sensor integration with building components, and data visualization technologies in building design and construction.

2. Effective communication skills to develop a project, organize it around a central theme, and demonstrate a command of representational conventions and documentation.

To meet this SLO, DDes students would demonstrate a high level of communication skills that are informed by advanced knowledge of digital design and visualization tools (virtual and augmented reality) of applicable to architectural building design technological.

3. Ability to investigate and evaluate available evidence, analyze and synthesize ideas and research findings, and create new knowledge for their doctoral project.

In order to establish timely research, the DDes student would need to demonstrate specialized industry knowledge of building industry and architectural technologies. This includes the ability to apply advanced technologies to building design and construction, for delivering efficient design, construction, and operation of buildings, solar design, building conservation, and climate-conscious design.

B. Describe the admission standards and graduation requirements for the program.

The admission standards for applicants to the Doctor of Design Program are:

- 1) Hold a Master of Architecture degree from accredited program, or equivalent professional architectural degree, or other advanced degrees subject to program approval.
- 2) Have a GPA of 3.25 in their master's degree program.
- 3) Submit three letters of recommendation to the Architecture Program Chair from faculty members or supervisors qualified to evaluate the applicant's potential for doctoral work.
- 4) Submit a brief letter of interest in the program and future career goals.
- 5) Submit a portfolio and preliminary statement of research interest.
- 6) Receive recommendation for admission from the Departmental Doctoral Education Committee.
- 7) International graduate student applicants whose native language is not English are required to submit a score for the Test of English as a Foreign Language (TOEFL) or for the International English Language Testing System (IELTS). A total score of 80 on the iBT TOEFL (equivalent to 550 on the TOEFL) is required.

The graduation requirements for the Doctor of Design Program are completion of the 60-credit hour post-master's curriculum with a 3.0 or higher GPA, with each course having a grade of B- or higher. Additionally, a student must be in compliance with the FIU Graduate School graduation requirements to be eligible for graduation.

- C. Describe the curricular framework for the proposed program, including number of credit hours and composition of required core courses, restricted electives, unrestricted electives, thesis requirements, and dissertation requirements. Identify the total numbers of semester credit hours for the degree.

The Doctor of Design Program is a 60-credit, four-semester program.

Fifteen credits are taken as part of the FIU 174-credit Master of Architecture degree. The course descriptions are included in Section E below for MArch courses to be considered for application to the DDes. Students applying with Master of Architecture degrees from other universities will have 15 credits evaluated for recency/applicability as transferable and applied to the DDes or will be required to enroll in 15 credits at FIU based on the MArch courses identified in Section E.

There are five DDes core courses which establish the pedagogical context for study (15 credits):

ARC 6229 Theories of the Digital	3
ARC 6761 Miami Urban Studies	3
ARC 6184 Advanced Studies in Technology	3
ARC 7981 Advanced Research Methods	3
ARC 6204 Architecture Philosophy	3

Research Requirements (30 credits)

ARC 6906 Independent Study	6
ARC 7980 Doctoral Project	21
ARC 7XXX Doctoral Defense	3

There are short annual residency periods, which will be held at our Miami Beach Urban Studios (MBUS) that will support all classes.

- D. Provide a sequenced course of study for all majors, concentrations, or areas of emphasis within the proposed program.

Course	Credits
Master of Architecture, required degree	
Taken as part of the FIU MArch Degree (or equivalent transfer for students completing Masters of Architecture elsewhere)	15
Semester I-Spring (12)	
ARC 6229 Theories of the Digital	3
ARC 6761 Miami Urban Studies	3
ARC 6184 Advanced Studies in Technology	3
ARC 6906 Independent Study	3
Semester II-Fall (12)	
ARC 7980 Doctoral Project	3
ARC 7981 Advanced Research Methods	3
ARC 6204 Architecture Philosophy	3
ARC 6906 Independent Study	3
Semester III-Spring (9)	
ARC 7980 Doctoral Project	9
Semester IV-Fall (12)	
ARC 7980 Doctoral Project	9
ARC 7XXX Doctoral Defense	3
Total Credit Hours	60

E. Provide a one- or two-sentence description of each required or elective course.

Courses taken as part of a Master of Architecture: 15 credits

ARC 6356, 6 credits, Architectural Design 10

Architectural project emphasizing design development, preparation of details, and design documents for buildings of intermediate complexity.

ARC 6970, 6 credits, Master's Project

Coursework under the direction of faculty for the completion of project by candidate for the degree of Master of Architecture.

ARC 6280, 3 credits, Professional Office Practice

Study of the ethical, legal, financial, and managerial aspects of professional practice in architecture.

Or

ARC 6906, 3 credits, Independent Study

Coursework on a particular aspect of architecture under the direction of faculty in an individual study format.

Coursework taken once admitted to DDes: 45 credits

ARC 6906, 3 credits, Independent Study

Coursework on a particular aspect of architecture under the direction of faculty in an individual study format.

ARC 6204, 3 credits, Architecture Philosophy

This course explores how ideas from contemporary continental philosophy and other related fields such as psychoanalysis, neuroscience, cultural studies, postcolonial studies, and gender studies might inform a discourse about architecture and urbanism.

ARC 6229, 3 credits, Theories of the Digital

This course explores theories of the digital. The aim is to develop a theoretical framework by which to understand and appraise the impact of the digital not only on architectural design and fabrication, but also on urban life in general.

ARC 6184, 3 credits, Advanced Studies in Technology

Emerging technologies including robotics, digital fabrication, sensing, and advanced visualization tools (virtual and augmented reality) are changing the landscape of research, innovation, design, and production. This course will examine the fundamental applications driving these technologies and their utility in architectural design. The course will be composed of two parts: part one will focus on innovative ways of integrating these technologies into architectural production, and part two will focus on their impact on architectural design methodologies and research.

ARC 6761, 3 credits, Miami Urban Studies

This course of lectures, seminars, and other activities offers a spectrum of topics designed to appeal to a range of different interests and to introduce students to a new set of ideas and concepts. All sessions relate to the general theme of urban studies and have a particular relevance to the social, political, economic, and environmental concerns of South Florida, in general, and Miami, in particular.

ARC 7981, 3 credits, Advanced Research Methods

Advanced methods of data acquisition, analysis, and interpretation used in architectural research.

ARC 7980, variable credits, 3-9, Doctoral Project

Coursework under the direction of faculty for the completion of the Doctoral Project by a candidate for

the degree of Doctor of Design. Repeatable.

ARC 7XXX, 3 credits, Doctoral Defense

The formal presentation of the Doctoral Project. The Doctoral Project defense announcement is an invitation to members of the University community to observe and participate in the defense. All the committee members must be in attendance.

- F. For degree programs in the science and technology disciplines, discuss how industry-driven competencies were identified and incorporated into the curriculum and indicate whether any industry advisory council exists to provide input for curriculum development and student assessment.**

This research-focused degree does not emphasize industry-driven competencies. This question is more related to other degree programs, such as the professional Master of Architecture (MArch), and thus is not directly applicable to the DDes.

- G. For all programs, list the specialized accreditation agencies and learned societies that would be concerned with the proposed program. Will the university seek accreditation for the program if it is available? If not, why? Provide a brief timeline for seeking accreditation, if appropriate.**

The Doctor of Design is a post-professional program and will not seek specialized accreditation. Since the focus of specialized accreditation is on professional competency attainment, these criteria are not appropriately applied to this research-focused degree.

- H. For doctoral programs, list the accreditation agencies and learned societies that would be concerned with corresponding bachelor's or master's programs associated with the proposed program. Are the programs accredited? If not, why?**

The National Architectural Accrediting Board (NAAB) accredits the Department's professional Master of Architecture degree. Currently, this program is accredited through 2025.

- I. Briefly describe the anticipated delivery system for the proposed program (e.g., traditional delivery on main campus; traditional delivery at branch campuses or centers; or nontraditional delivery such as distance or distributed learning, self-paced instruction, or external degree programs). If the proposed delivery system will require specialized services or greater than normal financial support, include projected costs in Table 2 in Appendix A. Provide a narrative describing the feasibility of delivering the proposed program through collaboration with other universities, both public and private. Cite specific queries made of other institutions with respect to shared courses, distance/distributed learning technologies, and joint-use facilities for research or internships.**

The program is designed around the delivery of hybrid courses that include short residency (one or two weeks per semester) of intensive study within an online course. The residency periods will include lectures and workshops with distinguished experts, seminar discussions, and studio-style critiques. The online portion will include virtual classes with interactive discussion and individual student projects guided by faculty. The hybrid curriculum is designed to be accessible to working professionals and to faculty in departments of Architecture. Each year, short residency periods will be held at MBUS. During that period in residence, students will also meet with their doctoral project advisor.

IX. Faculty Participation

- A. Use Table 4 in Appendix A to identify existing and anticipated full-time (not visiting or adjunct) faculty who will participate in the proposed program through Year 5. Include (a) faculty code associated with the source of funding for the position; (b) name; (c) highest**

degree held; (d) academic discipline or specialization; (e) contract status (tenure, tenure-earning, or multi-year annual [MYA]); (f) contract length in months; and (g) percent of annual effort that will be directed toward the proposed program (instruction, advising, supervising internships and practica, and supervising thesis or dissertation hours).

See Table 4 in Appendix A for the four faculty members, including one new hire's participation in the doctorate program.

- B. Use Table 2 in Appendix A to display the costs and associated funding resources for existing and anticipated full-time faculty (as identified in Table 4 in Appendix A). Costs for visiting and adjunct faculty should be included in the category of Other Personnel Services (OPS). Provide a narrative summarizing projected costs and funding sources.**

The budget reflects the defined portion of the salary of the four faculty who will be teaching in the doctorate program. These positions are currently E&G lines and their workloads will be adjusted to allow for teaching and research supervision in the new program. No adjuncts or visiting faculty will teach in the doctoral program.

The new content courses developed for this program will also service advanced Master of Architecture students, thus only 50% of each course is attributed to the cost of this new degree. During the last year of the MArch degree, students complete their Master's Project, thus are focused on research. High-performing MArch students will be allowed to enroll in one elective course taken with DDes students. The total enrollment of DDes and MArch students will be approximately 10-12. Funds to support the faculty reassignment to these new courses will come from the planned phase out of the Master of Arts in Architecture degree in the Architecture CIP, which currently serves as a post-professional research degree program.

- C. Provide in the appendices the abbreviated curriculum vitae (CV) for each existing faculty member (do not include information for visiting or adjunct faculty).**

See Appendix C for faculty vitae for those listed in Table 4. In addition, based on Dr. Braham's recommendation (External Reviewer, Section I.C.), we have added graduate faculty without PhDs to Appendix C because in his own words "there are also a number of other faculty in the Department without PhDs who conduct advanced level research and could supervise DDes students and benefit from working with them." The department concurs, and believes these faculty will provide positive student support to Doctoral Project committees. These are all full-time faculty in the School of Architecture and will not be teaching in the proposed program.

- D. Provide evidence that the academic unit(s) associated with this new degree have been productive in teaching, research, and service. Such evidence may include trends over time for average course load, FTE productivity, student HC in major or service courses, degrees granted, external funding attracted, as well as qualitative indicators of excellence.**

National Rankings:

The Department of Architecture has received a series of national rankings.

In 2019, *DesignIntelligence* ranked our Master of Architecture program the 19th Most Hired School (20th in 2018) See: <https://www.di-rankings.com/most-hired-from-schools-architecture/>

Diverseeducation.com ranked our Master of Architecture program #1 among Latin American Top 100 Producers of Minority Graduate Degrees, 2018
<https://diverseeducation.com/top100/pages/index.php>

Hispanic Outlook on Education Magazine ranked our Master of Architecture program #2 for Architecture Degrees in 2017.
<https://www.hispanicoutlook.com/education-magazine/august-2019-issue#undefined%2F>

According to *GraduatePrograms.com*, in 2016 FIU has ranked #2 among six architecture programs that qualified as the best in the nation.

<http://www.graduateprograms.com/top-architecture-programs/>

In 2016, *DesignIntelligence* conducted a student survey. FIU's Department of Architecture students reported that 87% believe that they are well prepared for their profession upon graduation and that the quality of the program is above average to excellent.

Students:

The Department of Architecture has enjoyed positive growth in its applicant pool of the last four years:

Freshmen applicants: 280 in 2018, 280 in 2017, 256 in 2016, and 245 in 2015

Transfers applicants: 135 in 2018, 130 in 2017, 132 in 2016, and 120 in 2015

Number of Master of Architecture Graduates:

2018-2019 Master of Architecture degrees: 91

2017-2018 Master of Architecture degrees: 87

2016-2017 Master of Architecture degrees: 95

2015-2016 Master of Architecture degrees: 103

2014-2015 Master of Architecture degrees: 92

Faculty External Funding:

"Preparing the Future Workforce of Architecture, Engineering, and Construction (AEC) for Automation and Robotic Processes," The National Science Foundation's (NSF) Convergence Accelerator program, \$1,000,000, Shahin Vassigh, PI, 2019

Wells Fargo Clean Technology and Innovation Grant for FIU Founders Park, PI Nick Gelpi, \$75,000 2013-2017

CRUNCH — Climate Resilient Urban Nexus Choices: Operationalizing the Food-Water-Energy Nexus, Funded by European Union, Horizon 2020, Belmont Forum Collaborative Research (April 1, 2018 - May 1, 2020), awarded January 25, 2018, Funded - In Progress, Spring 2018, PI Thomas Spiegelhalter (60%) \$454,677

Department of State ECPA energy reduction grant, Chile, Brazil, and Trinidad & Tobago. Professors Rosales and Spiegelhalter, \$791,531.16, Completed 2016

National Research Group Coastal SEES RCN | Predictive Modeling Network for Sustainable Human-Building Ecosystems [SHBE] awarded fall 2013-2016, \$652,846, Thomas Spiegelhalter, Co-PI

NSF Grant, Urban Water Innovation Network: Transitioning Toward Sustainable Urban Water Systems. FIU Co-PI, with Michael Sukop, Southeast Environmental Research Center. Including funding for Graduate Research Assistant, Awarded Spring 2015, Nepomechie, Co-PI. \$903,077

FIU by Design Auxiliary funding projects:

Little Havana Elderly Housing Sponsored Studio \$60,000; Two Architecture studios lead by Rosales, Salazar with one landscape studio lead by Rovira

Miami Children Museum, Charrette for exhibition design \$15,000, Phase 1, Exhibition construction, \$55,000 phase 2, Eric Peterson

Sweetwater Urban Analysis Sponsored Studio, \$20,000, led by Chandler and Ottchen

Liberty City Community Meeting \$15,000, led by Mark Marine and Marilys Nepomechie

Little Havana Community Meeting \$50,000, Mark Marine

Mayors Institute on City Design Symposium, \$50,000, Mark Marine and Marilys Nepomechie

Mana Wynwood Sponsored Studio, \$15,000, Andia and Busch

Sports City Sponsored Studio, \$15,000, Spiegelhalter

Beth Israel Design Charette, \$7,000, led by Nepomechie & Goldemberg

Miami Beach Flyover Design Charette, \$7,000, led by Chandler, Rovira, Kolasinski

Palletcraft, Whole Foods, \$5,000 led by Peterson

X. Non-Faculty Resources

- A. Describe library resources currently available to implement and/or sustain the proposed program through Year 5. Provide the total number of volumes and serials available in this discipline and related fields. List major journals that are available to the university's students. Include a signed statement from the Library Director that this subsection and subsection B have been reviewed and approved.**

Institutional Context and Administrative Structure:

The FIU University Libraries system includes four individual libraries and several service centers. The Green Library at the Modesto A. Maidique Campus houses the majority of the research and archival collections, including the Sound & Image Department, Special Collections & Archives, and the Digital Collections Center. The Hubert Library at the Biscayne Bay Campus primarily consists of undergraduate-level materials, with focused research collections for degree programs hosted at BBC. The College of Law Library and Herbert Wertheim College of Medicine Library are located on the Modesto A. Maidique Campus; although their primary clientele are the students in the professional programs, these libraries support the entire FIU community. Additionally, the students and faculty in The Engineering Center (one mile from the Modesto A. Maidique Campus) are served by the Engineering Library Services unit, and coursework taken at FIU @ I-75 are supported by two distance learning service librarians who work primarily from the Green Library.

The major components of the Architecture Collection are housed on the 5th floor of the Green Library at the Modesto A. Maidique Campus. The Art & Architecture print materials, both books and journals, classified within the Library of Congress subject heading N, are conveniently located immediately adjacent to the Sound & Image Department that houses the visual components. Interdisciplinary materials, including Landscape Architecture Materials in the SB classification, are located on the 3rd, 6th, and 7th floors. Visual collections in this area include an Art & Architecture slide collection with slide views, projectors, and light tables. A Reading Room, dedicated to the needs of the Architecture students, is available for check-out at the Sound & Image Desk. The 5th floor area also includes desktop computers, individual study carrels, open study tables, and group study rooms.

The School of Architecture needs are further supported by the Map & Imagery User Services/Geographic Information Systems Center (MIUS-GIS), located on the 2nd floor of the Green Library, and the Wolfsonian-FIU Museum, located in Miami Beach.

The Dean of Libraries oversees the main campus libraries and coordinates efforts with the independently administered libraries (Law, Medicine, and Wolfsonian). The Dean of Libraries reports to the Provost and Executive Vice President and is a member of the Council of Deans. Reporting to the Dean of Libraries are two Associate Deans, the Associate Director for Human Resources & Budgeting, and the Department Heads of each functional department of the FIU Libraries (10 units).

Collection management for the University Libraries is coordinated by the Head of Collection Management & Resource Access in consultation with the library liaisons and other library units. Reference, research, and instructional assistance are provided by library liaisons and coordinated through the Information & Research Services Department. The majority of library liaisons, including the liaisons to the College of Communication, Architecture + The Arts, report to the Department Head for Information & Research Services. The Sound & Image Department provides specialized services for audio-visual materials.

Holdings Library of Congress Class	Print Volumes	A/V Resources	Special Collections	E Resources (Books & Journals)	Serials Volumes
NA - ARCHITECTURE	10,803	138	540	408	1,677
NK - DECORATIVE ARTS, APPLIED ARTS	3,658	23	185	110	678
SB - PLANT CULTURE	1,740	43	213	509	667
TOTALS	16,201	204	938	1,027	3,022

Architecture Serials

The University Libraries have access to articles from 97,459 online journals through various vendors, including multi-journal packages from Taylor & Francis, Elsevier, Springer, Wiley, JSTOR, Oxford University Press, Cambridge University Press, Project Muse, ASCE, and ASME. Online journal content can be accessed from the library catalog or through the E-journal Portal, which utilizes the SerialsSolutions platform. Although many of the online journals are available cover-to-cover, some titles may only have selective content available through aggregator databases. In terms of journals most likely to be relevant to this program's offerings, the E-Journal Portal reports the following subject areas and journal counts: Architecture (244), Fine Arts - General (148), Gardens, Landscape Architecture & Parks (48), Visual Arts - General (454), Materials Science (328), Civil Engineering (499), Environmental Engineering (286), Engineering - General (370)

Over the past 12 years the University Libraries have been steadily converting journal subscriptions from print to online to ensure broader access to research needs. Nevertheless, for the Arts & Architecture, a large number of print subscriptions have been maintained due to the potential loss of image quality in an online environment. The Libraries' acquisition system shows 47 current print subscriptions designated specifically for the Architecture program.

The external standard for serial holdings is the Association of Architecture School Librarians Core List (<https://www.architecturelibrarians.org/coreperiodicalslist>). Of the total 54 titles in the latest edition, compiled in 2009, the library's collection is sufficient with full text, either in print or online, to 49 titles (90%).

- B. Describe additional library resources that are needed to implement and/or sustain the program through Year 5. Include projected costs of additional library resources in Table 2 in Appendix A. Please include the signature of the Library Director in Appendix B.**

The FIU libraries have adequate library resources and access to digital journals to support the proposed new doctoral program.

- C. Describe classroom, teaching laboratory, research laboratory, office, and other types of space that are necessary and currently available to implement the proposed program through Year 5.**

Paul L. Cejas School of Architecture Building

The Paul L. Cejas School of Architecture Building is a state-of-the-art facility designed specifically to meet the needs of the proposed program. It houses professional studios, more than 14 critique rooms, a 200-seat lecture hall, lecture and seminar classrooms, a reading room, a wood, plastics and metal shop, an interior design resource room, a computer laboratory, a dedicated gallery, and faculty and staff offices. These facilities are distributed throughout five structures separated by courtyards and public spaces.

Miami Beach Urban Studios (MBUS)

Located in the iconic Art Deco 420 Lincoln Road building, the 16,000 square foot Miami Beach Urban Studios give students and faculty access to Miami Beach's burgeoning arts and design culture. The Urban Studios provide expansive space for design and fine arts students, practice and performance spaces for music and theater students, as well expansive gallery/exhibition spaces and classroom space for use by the entire College. The location is an ideal base for the study in arts, design, and performance, for museum and gallery visits, and for exposure to the wealth of arts organizations located in Miami Beach.

The Miami Beach Urban Studios are equipped with wireless internet access, scanners, plotters, and laser and large-format 2D and 3D printers — all available to students in residence. The Urban Studios are also managed by a full-time staff and by full-time faculty who are prominent leaders in their disciplines. Additionally, the Urban Studios rely on a large group of guest faculty and professionals who contribute their expertise to the student experience. MBUS is also the home of important collections of books and catalogues, including those donated by Terry Riley, Nicholas Patricios, and Ambassador Paul Cejas. MBUS is home to the new CARTA Innovation Lab, which opened fall 2015 and houses 64 makerbots (one per every two studio desks).

- D. Describe additional classroom, teaching laboratory, research laboratory, office, and other space needed to implement and/or maintain the proposed program through Year 5. Include any projected Instruction and Research (I&R) costs of additional space in Table 2 in Appendix A. Do not include costs for new construction because that information should be provided in response to X (E) below.**

The university and college have been building and expanding instructional space and research venues to support this technologically focused new doctoral degree. There are sufficient physical resources at this time to launch the program.

- E. If a new capital expenditure for instructional or research space is required, indicate where this item appears on the university's fixed capital outlay priority list. Table 2 in Appendix A includes only Instruction and Research (I&R) costs. If non-I&R costs, such as indirect costs affecting libraries and student services, are expected to increase as a result of the program, describe and estimate those expenses in narrative form below. It is expected that high enrollment programs in particular would necessitate increased costs in non-I&R activities.**

No new capital expenditures are required for this degree.

- F. Describe specialized equipment that is currently available to implement the proposed program through Year 5. Focus primarily on instructional and research requirements.**

Robotics and Digital Fabrication Laboratory

The Robotics and Digital Fabrication (RDF) Laboratory is a state-of-the-art facility with robotic arms, 3D scanners, laser cutters, programmable objects, and 3D printers. The lab offers unique technology solutions for testing, prototyping, manufacturing and fabrication. RDF is a catalyst to invigorate research, development, and entrepreneurship by bridging the gap between the virtual and physical world. The RDF Lab is a collaboration between the College of Communication, Architecture + The Arts and the College of Engineering and Computing. The lab equipment includes:

Kuka KR 30: A medium-sized advanced robotic arm with 6 axes. This is a High Accuracy robot that can excel in digital fabrication and experimentation.

ThKuka KR 10 R1100 Sixx: The AGILUS is a compact six-axes robot that is designed for particularly high working speeds and precision.

End Effectors for Robotic Arms: Automatic Tool Changer Spindle End Effectors, which are tools that allow the machine to change bits automatically, Vacuum Gripper, Clay Extruder, 5500 ml extruder with 3.75 diameter pol-carbonate Reinforced tube, Nozzle Diameter: 5mm, 6.4mm, 8.3mm

Small Robotics: Arduino, Raspberry Pi boards, assorted sensors and actuators for experimentation. Autonomous cars kits based on both Arduino and Raspberry Pi help teach the fundamentals of microcontrollers and microcomputers.

Form Labs 2: High quality resin printer with high precision. Capable of using engineered resins to print flex materials, high temperature resistant materials, and high strength materials.

Bio Bot Printer: 3D printer that builds 3D living tissues out of human cells.

Replicator Z18 Maker Bots: Highly accurate 3D printer with large build volume.

Integrated Computer Augmented Virtual Environment

I-CAVE is a visualization facility composed of five large, high-resolution screens arranged in a hexagonal pattern and a surround sound system that create an immersive virtual reality experience. Hardware and software tracking capabilities track movement and coordinate with displayed images for the immersion of users in the simulated environment. This facility provides new opportunities for research, creative projects, and data visualization. The I-CAVE has been established as a collaborative effort between the College of Communication, Architecture + The Arts and the College of Engineering and Computing.

Structural and Environmental Technologies Lab (SET Lab)

SET Lab is an interdisciplinary facility dedicated to teaching and research in building science and technology with a focus on ecology and the importance of climate responsive and energy-conscious design and construction. The lab serves the curricular needs of CARTA's programs by providing a dedicated space and equipment for learning through research, testing, and investigation of materials and systems for resource efficient built environments. The lab is located on the ground floor of the Paul L. Cejas Architecture Building and consists of 1,300 square feet of classroom and demonstration space. The lab equipment includes:

Pasco Truss Set: This Structures System set includes everything needed to quickly build and evaluate a variety of trusses. A variety of I-beams give the flexibility to design and create many different structures. All Structures Systems sets, Load Cell can be placed anywhere in the structure, allowing you to measure tension and compression.

Static System: A Magnetic Work board and Components designed to teach the fundamentals of statics. The Statics System is composed of the Statics Board, Spares Package, Components Package and Mass and Hanger Set. Most of the components of the Statics System attach magnetically to the board and have rubber rings on their base to protect the board. The PASCO Statics System is designed to help you investigate the nature of forces for the special case in which there is no acceleration. In other words, the vector sum of all the forces acting on the body is zero.

TecQuipment's Beam: The high-quality equipment consists of a simply supported beam 'cut' by a pivot to create various Bending Moments in a Beam experiment. Students apply loads along the beam and read the forces created using a Digital Force Display.

Virtual Bending: Virtual Experiments Software enables computer simulation of experiments working with or without the hardware. It allows students to visualize, tabulate, and graph data. The software displays a bending moment diagrams during experiments.

Hydraulic Press: A 50-Ton Capacity hydraulic shop press used to apply stress to structural members. Used for testing.

Fabrication Lab

The department maintains a wood, plastic, and metal shop located within proximity of the studios. Containing industrial grade wood working, plastics, and metal working equipment, this shop is designed

to give students hands-on experience in large-scale model building, CNC milling and furniture building. The shop is staffed by a model shop manager and by work-study assistants who support student training, general project assistance, and shop equipment maintenance. The shop is approximately 2,000 square-feet and is open daily, Monday-Friday. The following is the fabrication lab equipment:

Cabinet Shop: The foundation of our Lab is a full cabinet shop featuring a 10" Sawstop table saw, a Delta 10" table saw and router table, a Jet 20" band saw with 12" throat, two 14" band saws, a Delta 14" radial arm saw, a 12" and an 8" compound miter saw, a Delta 8" joiner, 14" planer, 24" Jet drum sander, 36" edge sander, spindle sander, a Powermatic mortising machine, a Delta 36" wood lathe, and numerous hand and power tools.

CNC Mill: The Techno LC-Series 4896 is the digital workhorse in the Fabrication Lab. It allows a work area of 4'x8' with an 11" throat and spindle speeds up to 18,000 rpm. Typical materials range from wood, MDF, and plywood to foam, plastics, and aluminum. The 2-1/2 axis Techno LC-series allows positive curvature three-dimensional surface milling as well as two-dimensional profile cutting, drilling, and pocketing. All our Lab Technicians are advanced Rhino and Maya modelers who are fully trained in the use of MasterCAM and RhinoCAM to offer a variety of tool path solutions.

Vacuum Former: Our newest Lab addition is a 48"x48" Belovac C-class Vacuum Forming machine with a 42" effective work area and 22" depth of draw. For use with plastics up to 1/4", the Belovac allows us to take three-dimensional male or female molds made using the CNC mill or manual processes and use them to make thin compound curved and folded surfaces.

Metal Shop: Our metal shop features a range of sheet metal tools including a 36" guillotine sheer, throatless sheer, 42" box and pan break, rotary punch and die, 30" roll former, wheel crimp, and a 10" throat spot welder. We also have a 24" thread cutting lathe, a reciprocating mill, a 280-amp Miller stick SMAW process welder, and a Lincoln wire feed welder for gasless FCAW process welding. Numerous hand and power tools supplement this well-equipped shop.

Concrete Lab: Our concrete lab is used for advanced material research in concrete and cementitious products. It includes numerous hand and power tools as well as a vertical shaft mixer and precision calibrated measuring devices for highly accurate mixture ratios used in concrete strength testing. Through a partnership with the College of Engineering and Computing, our advanced students and research assistants have access to precision tools for strength testing concrete and other cementitious products.

Digital Lab

Although we require students to have their own laptop computers by the time they matriculate to the second year, the school also supports a digital print lab that provides students with access to various forms of digital output including black and white and color printing and plotting, as well as laser-cutting and three-dimensional printing. The lab is managed by the digital technology lab manager assisted by three-to-five work-study students. Students' printing and output costs are covered by technology course fees. Students have unlimited access to printing and are not charged per square foot or per page. The lab is equipped with:

Printers: The Print Lab features 13 Hewlett Packard Printers and two scanners: One 36" HP color InkJet plotter, five 36" HP color InkJet plotters, two 24" HP color InkJet plotters, two CP6015xh printers that print both 11x17 and 8.5x11, one 42" Scanplus LF742 Color Scanner, and one Ricoh mp-2000 BW copier.

Laser Cutters: The Print Lab features two Universal Laser Systems laser cutters: Model VLS 6.60 60-watt with 32"x18" cutting bed and Model ULS 6.60 120-watt with 32"x18" cutting bed.

3D Printers: The Print Lab features four 3D printers: Two MakerBot Replicator 2, one MakerBot Replicator 2X (2 heads), one MakerBot Replicator Z18, and one Cubex Duo, Coil binding machine for 8.5x11 and 11x17 paper.

Miami Beach Urban Studios (MBUS)

Scanners, plotters, and laser and large-format 2D and 3D printers.

MBUS is home to the new CARTA Innovation Lab that houses 64 makerbots (3D printers) (one per every two studio desks).

- G. Describe additional specialized equipment that will be needed to implement and/or sustain the proposed program through Year 5. Include projected costs of additional equipment in Table 2 in Appendix A.**

The university and college have been building and expanding the specialized equipment needed to support this technologically focused new doctoral degree. There is sufficient specialized equipment and resources at this time to launch the program.

- H. Describe any additional special categories of resources needed to implement the program through Year 5 (access to proprietary research facilities, specialized services, extended travel, etc.). Include projected costs of special resources in Table 2 in Appendix A.**

There are no additional special categories of resources needed to implement this degree.

- I. Describe fellowships, scholarships, and graduate assistantships to be allocated to the proposed program through Year 5. Include the projected costs in Table 2 in Appendix A.**

By Year 5, it is anticipated that The Doctor of Design will have assistantships supported by grants and contracts of \$102,400 and \$38,400 of Philanthropy Endowments. This is reflected in Table 2 of Appendix A. The department has a proven track record of securing grant monies to support both teaching and research assistantships through traditional grants and funded by FIU by Design projects.

- J. Describe currently available sites for internship and practicum experiences, if appropriate to the program. Describe plans to seek additional sites in Years 1 through 5.**

The doctoral program does not plan for doctoral student internships.

APPENDIX A

TABLE 1-B
PROJECTED HEADCOUNT FROM POTENTIAL SOURCES
(Graduate Degree Program)

Source of Students (Non-duplicated headcount in any given year)*	Year 1		Year 2		Year 3		Year 4		Year 5	
	HC	FTE	HC	FTE	HC	FTE	HC	FTE	HC	FTE
Individuals drawn from agencies/ industries in your service area (e.g., older returning students)	0	0	0	0	0	0	0	0	0	0
Students who transfer from other graduate programs within the university**	0	0	0	0	0	0	0	0	0	0
Individuals who have recently graduated from preceding degree programs at this university	3	1.50	6	4.13	9	5.63	8	5.13	7	4.25
Individuals who graduated from preceding degree programs at other Florida public universities	1	0.5	2	1.38	3	1.88	3	1.88	4	2.38
Individuals who graduated from preceding degree programs at non-public Florida institutions	1	0.5	2	1.38	3	1.88	4	2.38	5	3.25
Additional in-state residents***	0	0	0	0	0	0	0	0	0	0
Additional out-of-state residents***	0	0	0	0	0	0	0	0	0	0
Additional foreign residents***	0	0	0	0	0	0	0	0	0	0
Other (Explain)***	0	0	0	0	0	0	0	0	0	0
Totals	5	2.50	10	6.89	15	9.39	15	9.39	16	9.88

* List projected annual headcount of students enrolled in the degree program. List projected yearly cumulative ENROLLMENTS instead of admissions.

** If numbers appear in this category, they should go DOWN in later years.

*** Do not include individuals counted in any PRIOR category in a given COLUMN.

FTEs in the first year of each cohort = Spring semester with 12 credits

FTEs in the second year of each cohort = Fall & Spring semester with 21 credits

FTEs in the third year of each cohort = Fall semester with 12 credits

See next tab "Headcount + FTE cal" for breakdown of full student headcount and FTE calc per cohort.

HEADCOUNT									
Individuals who have recently graduated from preceding degree programs at this university	Year 1	Year 2	Year 3	Year 4	Year 5				
Cohort 1	3	3	3						
Cohort 2		3	3	3					
Cohort 3			3	3	3				
Cohort 4				2	2				
Cohort 5					2				
Individuals who graduated from preceding degree programs at other Florida public universities	Year 1	Year 2	Year 3	Year 4	Year 5				
Cohort 1	1	1	1						
Cohort 2		1	1	1					
Cohort 3			1	1	1				
Cohort 4				1	1				
Cohort 5					2				
Individuals who graduated from preceding degree programs at non-public Florida institutions	Year 1	Year 2	Year 3	Year 4	Year 5				
Cohort 1	1	1	1						
Cohort 2		1	1	1					
Cohort 3			1	1	1				
Cohort 4				2	2				
Cohort 5					2				
Total HeadCount	5	10	15	15	16				

FTE					
Individuals who have recently graduated from preceding degree programs at this university	Year 1	Year 2	Year 3	Year 4	Year 5
Cohort 1	1.5	2.63	1.5		
Cohort 2		1.5	2.63	1.5	
Cohort 3			1.5	2.63	1.5
Cohort 4				1	1.75

Cohort 5									1
Individuals who graduated from preceding degree programs at other Florida public universities	Year 1								
	Cohort 1	0.5	0.88	0.5					Year 5
	Cohort 2		0.5	0.88				0.5	
	Cohort 3			0.5			0.88		0.5
	Cohort 4						0.5		0.88
	Cohort 5								1
Individuals who graduated from preceding degree programs at non-public Florida institutions	Year 1								
	Cohort 1	0.5	0.88	0.5					Year 5
	Cohort 2		0.5	0.88				0.5	
	Cohort 3			0.5			0.88		0.5
	Cohort 4						1		1.75
	Cohort 5								1
Total FTE		2.5	6.89	9.39	9.39				9.88

APPENDIX A

TABLE 2
PROJECTED COSTS AND FUNDING SOURCES

Instruction & Research Costs (non-cumulative)	Year 1							Year 5							
	Funding Source							Subtotal columns 1+...+7	Funding Source						
	Reallocated Base* (E&G)	Enrollment Growth (E&G)	New Recurring (E&G)	New Non- Recurring (E&G)	Contracts & Grants (C&G)	Philanthropy Endowments	Enterprise Auxiliary Funds		Continuing Base** (E&G)	New Enrollment Growth (E&G)	Other*** (E&G)	Contracts & Grants (C&G)	Philanthropy Endowments	Enterprise Auxiliary Funds	Subtotal columns 9+...+ 14
Columns	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15
Faculty Salaries and Benefits	17,867	0	0	0	0	0	0	17,867	112,855		0	0	0	0	\$112,855
A & P Salaries and Benefits	7,791	0	0	0	0	0	0	7,791	7,791	0	0	0	0	0	\$7,791
USPS Salaries and Benefits	2,952	0	0	0	0	0	0	2,952	2,952	0	0	0	0	0	\$2,952
Other Personal Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Assistantships & Fellowships	0	0	0	0	0	30,000	0	30,000	0	0	0	102,400	38,400	0	\$140,800
Library	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Expenses	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Operating Capital and Outlay	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Special Categories	0	0	0	0	0	0	0	0	0	0	0	0	0	0	\$0
Total Costs	\$28,610	\$0	\$0	\$0	\$0	\$30,000	\$0	\$58,610	\$123,598	\$0	\$0	\$102,400	\$38,400	\$0	\$264,398

*Identify reallocation sources in Table 3.

**Includes recurring E&G funded costs ("reallocated base," "enrollment growth," and "new recurring") from Years 1-4 that continue into Year 5.

***Identify if non-recurring.

Faculty and Staff Summary

Total Positions	Year 1	Year 5
Faculty (person-years)	0.12	0.78
A & P (FTE)	0.1	0.1
USPS (FTE)	0.05	0.05

Calculated Cost per Student FTE

	Year 1	Year 5
Total E&G Funding	\$28,610	\$123,598
Annual Student FTE	2.50	9.88
E&G Cost per FTE	\$11,444	\$12,510

Table 2 Column Explanations

Reallocated Base* (E&G)	1	E&G funds that are already available in the university's budget and will be reallocated to support the new program. Please include these funds in the Table 3 - Anticipated reallocation of E&G funds and indicate their source.
Enrollment Growth (E&G)	2	Additional E&G funds allocated from the tuition and fees trust fund contingent on enrollment increases.
New Recurring (E&G)	3	Recurring funds appropriated by the Legislature to support implementation of the program.
New Non-Recurring (E&G)	4	Non-recurring funds appropriated by the Legislature to support implementation of the program. Please provide an explanation of the source of these funds in the budget section (section III. A.) of the proposal. These funds can include initial investments, such as infrastructure.

Contracts & Grants (C&G)	5	Contracts and grants funding available for the program.
Philanthropy Endowments	6	Funds provided through the foundation or other Direct Support Organizations (DSO) to support of the program.
Enterprise Auxiliary Funds	7	Use this column for continuing education or market rate programs and provide a rationale in section III.B. in support of the selected tuition model.
Subtotal columns 1+...+7	8	Subtotal of values included in columns 1 through 7.
Continuing Base** (E&G)	9	Includes the sum of columns 1, 2, and 3 over time.
New Enrollment Growth (E&G)	10	See explanation provided for column 2.
Other*** (E&G)	11	These are specific funds provided by the Legislature to support implementation of the program.
Contracts & Grants (C&G)	12	See explanation provided for column 5.
Philanthropy Endowments	13	See explanation provided for column 6.
Enterprise Auxiliary Funds	14	Use this column for continuing education or market rate programs and provide a rationale in section III.B. in support of the selected tuition model.
Subtotal columns 9+...+14	15	Subtotal of values included in columns 9 through 14.

APPENDIX A

TABLE 3
ANTICIPATED REALLOCATION OF EDUCATION & GENERAL FUNDS*

Program and/or E&G account from which current funds will be reallocated during Year 1	Base before reallocation	Amount to be reallocated	Base after reallocation
Department of Architecture	2,328,860	28,610	\$2,300,250
	0	0	
	0	0	
	0	0	
	0	0	
	0	0	
Totals	\$2,328,860	\$28,610	\$2,300,250

*** If not reallocating funds, please submit a zeroed Table 3**

TABLE 4
ANTICIPATED FACULTY PARTICIPATION

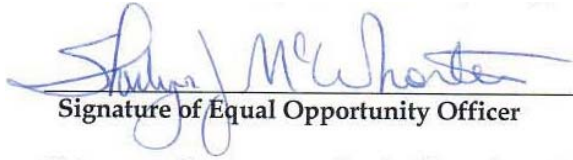
Page 41 of 320Worksheet Table 4 Faculty

Appendix B

Signatures

APPENDIX B-1

Please include the signature of the Equal Opportunity Officer.


Signature of Equal Opportunity Officer

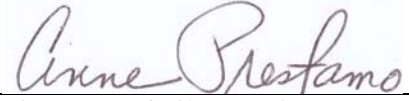
August 1, 2019

Date

This appendix was created to facilitate the collection of signatures in support of the proposal. Signatures in this section illustrate that the Equal Opportunity Officer has reviewed section ILE of the proposal for the Doctor of Design program at Florida International University.

APPENDIX B-2

Please include the signature of the Library Director.

A handwritten signature in dark ink, appearing to read "Anne Prestamo", is written over a light blue rectangular background.

Signature of Library Director

August 5, 2019

Date

This appendix was created to facilitate the collection of signatures in support of the proposal. Signatures in this section illustrate that the Library Director has reviewed sections X.A and X.B.

Appendix C – Faculty

Faculty Identified with Teaching Responsibilities	2
Dr. Alfredo Andia, PhD	3
Dr. Desmond Neil Leach, PhD	11
Dr. Alice Gray Read, PhD	38
Dr. David Rifkind, PhD	44
Supporting Faculty	57
Mr. Jason R. Chandler, AIA	58
Mr. Nicholas Gelpi, AIA	75
Ms. Marilys R. Nepomechie, FAIA	105
Mr. Camilo Rosales, AIA	117
Mr. Thomas Spiegelhalter	143
Mr. John A. Stuart, AIA.	221
Ms. Shahin Vassigh	242

Faculty Identified with Teaching Responsibilities

Alfredo Andía, Ph.D.

Associate Professor

PCA 374B, School of Architecture

Florida International University, Miami, Florida, USA

W 305 348 6703 – H 305 878 0942

andiaa@fiu.edu

Education	University of California at Berkeley, Ph.D. Architecture Harvard University, Master of Design Studies (<i>Digital Architecture & Theory</i>) Universidad Católica, Valparaíso, Chile, Architect	1998 1989 1984
Academic Experience	Co-Director, Master of Arts in Architecture Program Florida International University, Miami, Associate Professor Florida International University, Miami, Assistant Professor University of Cincinnati, Ohio, Assistant Professor University of California at Berkeley, California, Instructor & Researcher	2015-2017 2005-present 1999-2005 1996-1998 1990-1995
Lectures & Presentations	More than 70 invitations as visiting professor, lecturer, and program evaluator, Selected list: PAMM Museum (2020), HKS Greenweek (2019), AOA, Chile (2016), U. del Sinu, Colombia (2010), U. Bio Bio, Chile (2009), Universidad Austral de Chile (2010-2007), Univ. de Merida, Venezuela (2008), U. Guayaquil, Ecuador (2007); U. del Zulia, Venezuela (2007), U.T.F.S.M., Chile (2004, 2001), Reseller Polytechnic Institute, NY (2003), Ball State University (2003), U. Pretoria, South Africa (2003), U. California at Berkeley, CA (2002); U. Uniacc, Chile (2003, 2002, 2001, 1999, 1998); U. Católica de Quito (2002), U. Buenos Aires, Argentina (2000, 2001), U. Central de Venezuela (1999), Instituto Superior de Artes, Havana, Cuba (1998), U. of Detroit at Mercy, Detroit, MI, (1996), Kansas State University (1996), U. of Cincinnati, OH (1996), Cornell U., NY (1995), Politecnico di Milano, Italy (1994).	1994-present
Professional Experience	Alfredo Andía Design Studio Taisei Corporation, Japan Anshen & Allen, California Stone, Marraccini and Patterson, California Anderson, de Bartolo & Pan, California Kotas Architect, CA Architekturburo Barnath, Austria Private Practice, Chile, Argentina	1996-present 1992-1994 1991-1992 1991-1991 1989-1990 1988-1988 1987-1987 1984-1986
Honors	Selected list of awards and honors: CARTA College, FIU, Service Award ACSA Service Award 3rd Prize, Miami Landmark International Competition, Downtown, Miami Winner, The ACSA "Archive 100" Prize: Second Responder Competition Florida International University Faculty Award for Excellence in Teaching Invited Architect, Housing Proposal, La Reserva, Santiago de Chile Honorable Mention, Parachute Pavilion, Coney Island, VanAlen Institute, N.Y. Architecture for Social Justice Award Finalist, September 11th Memorial, City of Huntington, Long Island, New York Gold Medal, Collaborator, General Category, Bienal Miami + Beach Semi-Finalist, Far Eastern International Digital Design Award, Taiwan 4th Prize, Torre Bicentenario, Tallest tower in Latin America, Santiago de Chile 2nd Prize, German Embassy, Santiago de Chile Honorable Mention, Piazza Isolo, Verona, Italy	2019 2016 2013 2011 2005 2005-2006 2005 2003 2003 2003 2002 2002 2000 1997
Publications	More than 60 publications, selected list: Book: "2016 ACSA International Conference Project Proceedings Cross Americas Probing Disglobal Networks." Washington, DC: ACSA Press, 2018 Alfredo Andía, Umberto Bonomo, Macarena Cortes, Dana Cupkova, Vera Parlac, co-editors. ACSA Design Project Proceedings, Santiago de Chile, June 29 to July 2, 2016 (61 pages). Book: "2016 ACSA International Conference Paper Proceedings Cross Americas Probing Disglobal Networks." Washington, DC: ACSA Press, 2016 Alfredo Andía, Umberto Bonomo, Macarena Cortes, Dana Cupkova, Vera Parlac, co-editors. ACSA International Paper Conference Proceedings, Santiago de Chile, June 29 to July 2, 2016 (362 pages).	2018 2016

Book: "Post-Parametric Automation of Design and Construction"	2014
Alfredo Andía and Thomas Spiegelhalter, Artech House Publishers, UK (250 pages).	
SynBioBeta Conference, San Francisco	2019
Bio-Imaginations for Biscayne Bay	
Health Estate Journal (HEJ)	2019
Offsite Construction: Automation reducing costs and enhancing quality	
Anuario Asociación Argentina de Arquitectura E Ingeniería Hospitalaria, AADAIH'18	2019
Construccion Offsite: Automatizando la Construccion Hospitalaria	
Anuario AARQHOS 2018, Chile	2018
Automatizando la Industria de la Construcción: la Emergente Construcción Offsite	
Anuario Asociación Argentina de Arquitectura E Ingeniería Hospitalaria, AADAIH	2016
BIM6D: BIM para Gerenciamiento de Hospitales	
Proceedings of the 2015 AIA/ACSA Intersections Between the Academy and Practice Conference. AIA convention, 2015, Atlanta, GA	2015
Thomas Spiegelhalter and Alfredo Andía. "Automating Green Practice: Design Optimization, Manufacturing and Life-Cycle Sustainability."	
Proceedings of BIM LATAM. Santiago, Chile	2014
Alfredo Andía and Fernando Palma. "Diez Años de BIM en Chile."	
SIGRADI Congress, Valparaiso, Chile	2013
Alfredo Andía. "Automated Architecture: Why CAD, Parametrics, And Fabrication Are Really Old News."	
Proceedings of ACSA Annual 101st Conference, San Francisco	2013
Alfredo Andía. "Automate Architecture"	
Magazine on Urbanism, MONU #18, Netherlands, April	2013
Alfredo Andía. "Crowdedness in Innovative Communities"	
Proceedings of ACSA Annual 100th Conference, Boston,	2012
Alfredo Andía. "Topological Future: Generative Bim."	
Proceedings of ACSA International Conference, Barcelona	2012
Alfredo Andía and Thomas Spiegelhalter, "Topological and Parametric Temperatures in Architectural Academia"	
Proceedings of ACSA International Conference, Barcelona	2012
Alfredo Andía and Branko Kolarevic, "Cultural Cognition And Smart Space Design Culture"	
Cadernos de Pós-Graduação em Arquitetura e Urbanismo, Vol. 8, No 1, Brasil	2008
Alfredo Andía. Towards Algorithmic BIM Networks	
Revista de Arquitectura de la Universidad Austral de Chile (AUS), No.3	2008
Alfredo Andía "La Urbanización En Procesos De Transición Acelerada"	
Magazine on Urbanism (MONU), No. 7, Netherlands, October.	2007
Alfredo Andía. "Branding the Generic City"	
Book Section: in <i>Bienal Miami + Beach</i> , ed. Jaime Canaves, Quito: Trama,	2007
Alfredo Andía. "Possible Futures competitions I, II, & III,"	
<i>Multi-Housing News</i>	2006
Alfredo Andía, Ph.D., "Tech Report, Forecast 2007"	
In book: <i>Puente Urbano</i> Santander Santiago, G. Martinez ed.	2005
Book Section: Alfredo Andía. "Puente Urbano"	
TodoObras, Chile, Año 3, No. 19, p 16, March 2004	2004
Alfredo Andía. "Futuros Posibles de la Bienal Miami + Beach 2004"	
Proceedings of the 92nd ACSA Annual Meeting. Washington, DC: ACSA	2005
Andía, Besancon, & Tempkin. "Crossing Digital Tools+Analog Methods"	
Ambientes, Año 7, No. 37, Santiago de Chile, p. 34	2004
Alfredo Andía, Cristian Gomez. "Hacia una Arquitectura Digital"	
ARCH'IT, Italy, February, 2004. Alfredo Andía. "The Power of the Unbuilt"	2004
Book: "Architecture & Connectivity," Santiago, Chile: Editorial U. Uniacc	2003.
Alfredo Andía, Ph.D., editor	
CA, Colegio de Arquitectos de Chile, No. 111, June - August 2003, pp. 74 - 76	2003
A. Andía, J.Fontana, C. Gomez. "Computación en Arquitectura"	
Competitions, Fall, pp. 2-5. Alfredo Andía. "The Tallest Tower in Latin America"	2003
TodoObras, No. 14, Sep., p.7. A. Andía. "Autogestión Arquitectónica-Urbana"	2003
Proceedings of the VII SIGradi Congreso, Rosario, Argentina, pp. 140 - 144	2003
A. Andía, E. Cadalso y A. Haiek, "Materiales extremos"	
In book: <i>Defining Digital Architecture</i> . Berlin: Birkhauser, pp. 32 - 33	2002
Book Section: Alfredo Andía, "Defining Digital Architecture"	
SIGGRAPH, Conference Abstracts and Applications. New York : ACM, 2002, p. 301	2002
Alfredo Andía. "Architectural Studios Online: The Internet Studio Network"	
Archingeo Magazine, Italy, Anno II, March, pp. 82 - 87	2002
Alfredo Andía. "Teaching Architectural Studios Online"	
Web Journal: <i>Minha Cidade</i> , Vitruvius, Brasil, August 2002	2002
Alfredo Andía. "Marco Zero de Nova York"	
Proceedings of the 90th ACSA Annual Meeting. Washington, DC: ACSA	2002
Alfredo Andía. "Paradigm Shifts in Architectural Design Computation"	
The Journal of Architecture Education, MIT Press. Vol. 56, Issue 2, Nov., pp. 7 - 13	2002

Alfredo Andía. "Reconstructing the Impacts of Computers on Practice and Education" LEONARDO, MIT Press. Vol. 35, No. 3, 2002, pp. 297 – 302 2002

Alfredo Andía. "Internet Studios: Teaching Architectural Design Online" CONCEPT, Korea, No. 35, Feb. 2002, pp. 18 – 45 2002

Alfredo Andía. "e-competition Possible Futures" Proceedings of the 90th ACSA Annual Meeting. Washington, DC: ACSA 2002

Alfredo Andía. "Teaching Architectural Studios Online" Proceedings of the 7th International VSMM Conference. IEEE CS Press 2001

Alfredo Andía. "Internet Studios: Design Studios Online" Proceedings of the 7th International VSMM Conference. IEEE CS Press 2001

Alfredo Andía. "Integrating Digital Design and Architecture During The Past Three Decades" Proceedings of the 2da Conferencia COVEACA. Maracaibo, , pp. 111 – 115 2001

Alfredo Andía. "Talleres por Internet: Evaluación de la Experiencia Colaborativa" Portafolio, Venezuela, Year 2, Vol. 1, No. 3, January - June 2001, pp. 42a – 50a. 2001

A. Andía. "La Nueva Condición Ciber-Real del Diseño Arquitectónico" SIGGRAPH Proceedings, Los Angeles, CA: ACM, pp. 9 – 12 2001

Alfredo Andía. "Internet Studios: Teaching Architectural Design Online" Proceedings of the 5th International SIGraDi Conference. Concepcion, Chile 2001

A. Andía and J. Fontana. "Elementos dentro de una arquitectura del Ciberespacio." Proceedings of the 5th International SIGraDi Conference. Concepcion, Chile 2001

Andía, Enos, Fontana & Ostornol. "Educacion Digital en Arquitectura" Poster Proceedings of the 5th SIGraDi Conference. Concepcion, Chile 2001

Andía, Castillo, and Molina. "De la escala digital a la arquitectonica." Proceedings of the 5th International SIGraDi Conference. Concepcion, Chile 2001

Andía. "Talleres por Internet: Evaluacion de la experiencia colaborativa" Proceedings of the 89th ACSA Annual Meeting. Washington, DC: ACSA 2001

Alfredo Andía. "Emerging Design Cultures in the Cyber-Real Age" Proceedings of the ACSA International Meeting. Washington, DC: ACSA 2001

Alfredo Andía. "Planned housing vs. Traditional self-help housing" Proceedings of the ACSA International Meeting. Washington, DC: ACSA 2001

Alfredo Andía. "Beyond the Blob: the impacts of 'cyber-red' living in architectural production" Conferencia de Aplicación de Computadoras en Arquitectura. Caracas : UCV 1999

Alfredo Andía. "Hacia una Architecture Ciber-Real." Proceedings of the 2nd International SIGradi Conference 1998

Alfredo Andía. "Arquitectura en la Era Digital." Proceedings of the 2nd International SIGradi Conference, November 1998

Alfredo Andía. "Los Impactos de la Tecnologia Digital en la Practica de la Arquitectura" Proceedings of the 1998 ACSA International Conference. ACSA Press 1998

A. Andía. "Strategies for Integrating Computers in Architectural Practice" Proceedings of the 1998 ACSA International Conference. ACSA Press 1998

Alfredo Andía. "Computers and Architecture in the Digital Era" Ph. D. Dissertation, U.C. Berkeley. Ann Arbor, Michigan: UMI Press, No. 9901976 1997

A. Andía. "Managing Technological Change in Architectural Practice" Spazio e Societa, Italy, January 1996, pp. 68 – 81 1996

A. Andía. "The Salitreras: The Nitrate Company-Towns" Design Management Journal, Fall 1995, pp. 34 - 39 1995

A. Andía. "Managing Information Technology in Architectural Design." Proceeding, SIGGRAPH '94, Orlando. ACM Siggraph Proceedings 1994

A. Andía. "Computer Graphics for Architecture & Design Presentations" Proceedings of the International Workshop on Networked Reality, Tokyo, Japan 1994

Andía, Addison, Bender & Izato. "Networked Realities in the AEC Industry" Proceedings of the 82nd ACSA Annual Meeting. Washington, DC: ACSA Press 1994

Andía. "The Impacts of Information Technology in Architectural Practice" Proceedings of the 15th International IMCL Conference. Carmell: IMCL 1994

Alfredo Andía. "Organizational, Leadership and Process Models in Self-Help Housing." Proceedings of the IASTE Conference. Berkeley : IASTE 1992

Housing, Squatter Communities, and Tradition. Vol. 51, Berkeley: IASTE Andía & Escalona. "Planned Development and Tradition in Self-Help Housing"

Exhibitions

Group Exhibit: Projectual Strategies, Design Gallery MBUS, Miami Beach 2019

Poster Exhibit: SynBioBeta Conference, San Francisco 2019

50+ Japanese Houses, MBUS, and PCA Building 2019

Mario Toral Foundation: Competition Mario Toral Museum (Group exhibit) 2014

Faculty Exhibit: Group Exhibit, MBUS, FIU 2013

Parque Cultural Valparaíso, Chile: Sombra de los nombres	2012
The Storefront for Art and Architecture: "Strategies for Public Occupation," NYC	2011
Ministry of Public Works, Chile: Regional Theater of La Serena	2011
Documenta 12, Kassel: Architecture Magazines as Media of Aesthetic Education	2007
Possible Futures I, II, & III. Universidad de Zulia, Maracaibo, Venezuela	2007
Possible Futures I, II, & III. Universidad de Guayaquil, Ecuador	2007
SiGradi Conference, Santiago, Chile: Possible Futures 2 & 3, Bienal Miami + Beach	2006
SiGradi Conference, Santiago, Chile: Espacios Digitales 2	2006
FIU, BEA Gallery, Miami: Possible Futures 2 & 3, Bienal Miami + Beach	2006
Art Basel, Miami + Beach, Group exhibit	2005
Van Alen Institute, NY, Finalists Parachute Pavillion Competition, Coney Island	2005
Bienal Miami + Beach, Miami: Posible Futures	2005
Trabajos de Arquitectura, U. Tecnica Federico Santa Maria, Chile	2004
Finalists: 911 Memorial Competition, Huntington, Long Island, New York	2003
Faculty Exhibit, FIU, Miami Florida	2004
Art in General Gallery, New York: Reconfiguring Space	2003
AIA Miami, Coral Gables: Group Exhibit	2003
John F. Kennedy University, Buenos Aires, Argentina: The Hand and the Mouse	2003
Museo Nacional de Bellas Artes, Santiago de Chile: Mundo de Papel	2003
Paisajes Arquitectónicos Sintéticos, Plaza Ines de Suarez, Santiago, Chile	2003
FIU, BEA Gallery, Miami: Possible Futures, Bienal Miami + Beach 2003,	2003
Museo Nacional de Bellas Artes, Santiago de Chile: 50 años UCV	2002
Municipality of Santiago de Chile: Finalists Torre Bicentenario Competition	2002
XIII Bienal de Arquitectura, Santiago, Chile: Finalists Torre Bicentenario Competition	2002
XIII Bienal de Arquitectura, Santiago, Chile: Arquitectos Chilenos en el Extranjero	2002
XIII Bienal de Arquitectura, Santiago, Chile: Espacios Digitales	2002
Veronafiore International Exhibition, Verona, Italy: Finalists Piazza Isolo Competition	1997
Palazzo Giusti del Giardino, Verona, Italy: Finalists Piazza Isolo Competition	1997
Taisei Corporation, Japan: Kyushu Electric Company Headquarters	1992
Caesar Palace, Las Vegas, Nevada: Finalists Alias Design Power Competition	1991

Lecture + Presentations

More than 70 international presentations, including:	
Panelist: Bekanse Panel Discussion, PAMM Musuem, Jan. 21	2020
Lecture: Sea-Level-Rise Confrence, AIA Japan/Meiji University, Tokyo, Japan	2019
Lecture: GreenWeek, HKS, Miami	2019
Panelist: Disruption in Architecture, FIU. October 5	2015
Lecture: BIM LATAM, Santiago de Chile	2014
Lecture: SiGradi Congress, Valparaíso, Chile	2013
Lecture, Department of Architecture FIU Lecture Series: "Automate Architecture"	2013
Lecture, ACSA, Annual 101th Conference, San Francisco: "Automate Architecture"	2013
Lecture, ACSA, Annual 100th Conference, Boston: "Topological Future"	2012
Lecture, U. P. Valdivia, Chile: Architectural Installations	2011
Lecture: Networked BIM, Universidad del Sinu, Montería, Colombia	2010
Lecture, FIU: "Looking South, Emerging Architectures from Latin America"	2008
Lecture, Fudesev, U. de Los Andres, Merida, Venezuela	2008
Lecture, U. de Guayaquil, Ecuador	2007
Lecture, U. del Zulia, Maracaibo, Venezuela	2007
Presentation, Possible Futures, SiGradi Congress, Santiago, Chile	2006
Lecture Series: Escuela de Arquitectura, U. T. F. Santa María, Valparaíso	2004
Lecturer: "Arquitectura, Futuros Posibles"	
Studio Critic: "Upper Division"	
Co-Moderator, ACSA Annual Meeting: Crossing Digital Tools + Analog Methods	2004
Panelist, ACADIA Annual Conference: Digital Future	2004
Panelist, ACADIA Annual Conference: Digital Discourse Panel	2003
Panelist, ACADIA Annual Conference: Org Summit: Crossroad Panel	2003
Studio critic via videoconference and Internet	2003
Rensselaer Polytechnic Institute, Troy, N.Y. and Universidad Uniacc	
Studio critic via videoconference and Internet	2003
Ball State University, Internet Studio, January-April	
School of Architecture, Universidad Uniacc, Santiago de Chile	2003
Lecture: "Architecture and Connectivity"	
Architecture Department, U.C. Berkeley, California	2002
Lecture: "Current Research and Design Work"	
Universidad Catolica de Quito, Ecuador	2002
Lecture: "Espacios Digitales"	
XIII Bienal de Arquitectura, Quito, Ecuador	2002
Lectura, Closing Speaker: "Espacios Digitales"	
Panel Discussion, XIII Bienal de Arquitectura, Chile: Hans Moor Architect	2002
Panel Discussion, XIII Bienal de Arquitectura, Chile: AleppoZone	2002
Panelist, XIII Bienal de Arquitectura, Chile: Globalización vs. Modernidad	2002

Panelist U. Uniacc & U. Pretoria: Architecture & Low Income Housing	2002
Panelist, ACSA Annual Meeting: Online Teaching: Threat or Opportunity?	2002
SIGGRAPH 2002 Conference, San Antonio: Architectural Studios Online	2002
The Southern Conference of NCARB, Ft. Lauderdale Lecture, Leadership: "Internet Studio at FIU"	
ACSA Annual Meeting, New Orleans: Paradigm Shifts in Architectural Design Computation Teaching Architectural Studios Online	2002
SIGradi Congress, Concepción, Chile: Talleres por Internet Elementos dentro de una arquitectura del Ciberespacio	2001
Virtual Systems and Multimedia Conference, Berkeley, California Integrating Digital Design and Architecture during the Past 3 Decades Internet Studios: Design Studios Online	2001
SIGGRAPH Conference, Los Angeles: Internet Studios: Teaching Architectural Design Online in the United States and Latin America	2001
ACSA International Conference, Istanbul, Turkey: Planned housing vs. Traditional self-help housing Beyond the Blob: the impacts of 'cyber-real' living	2001
ACSA Annual Meeting, Baltimore: Emerging Design Cultures in the Cyber-Real Age	2001
Invited Panelist to UBA-FIU agreement Part of the official Florida delegation of Gov. Jeb Bush to Argentina	2001
Panelist, ACSA Annual Meeting: "Electronic Media and Virtual Education"	2000
Universidad Central de Venezuela, Caracas, Venezuela Lecturer: "Clase Magistral: Hacia una Arquitectura Ciber-Real" Final Studio Critic: Design 7 and Undergraduate Thesis	1999
ACSA International Meeting, Rio de Janeiro: Strategies for Integrating Computers in Architectural Practice Computers and Architecture in the Digital Era	1998
2 nd Encounter of the Chilean Schools of Architectures (ACHEA), Osorno, Chile Lecturer and Panel Presenter	1998
Instituto Superior de Artes, and Design Critic at Cujae, Havana, Cuba Lecturer: "Seminario de Grafica Digital" Studio Critic	1998
University of Detroit at Mercy Lecturer: "Current Design and Research Work"	1996
Kansas State University, Manhattan, Kansas Lecturer: "Current Design and Research Work"	1996
University of Cincinnati, Ohio Lecturer: "Current Design and Research Work"	1996
Cornell University, Ithaca, New York Lecturer: "Current Design and Research Work"	1995
Danmark Tekniske, Graduate Program, U., Denmark, Copenhagen Lecturer: "Computers in Design"	1995
Politecnico de Milan, Milan, Italy Final Review Juror: "Disegno e Rilievo," Professor Alessandro Polistina	1994
SIGGRAPH Conference, Orlando: Computer Graphics for Architecture & Design	1994
IMCL Conference, San Francisco: Organizational, Leadership and Process Models in Self-Help Housing	1994
International Workshop on Networked Reality, Tokyo, Japan: Networked Realities in the AEC Industry	1994
ACSA Annual Meeting, Montreal, Canada: The Impacts of Information Technology in Architectural Practice	1994
University of Miami, Coral Gables, Florida Lecturer: "Computing in Design Practice" and Studio Jury: "Music Hall."	1994
IASTE Conference, Paris, France: Planned Development and Tradition in Self-Help Housing in Chile	1992
Taisei Corporation, Tokyo Research Presentation: "The New Processes of Digital Architecture"	1992

Service

Selected list of national and international service:	
Paper Reviewer: International Journal of Architectural Computing (IJAC)	2019
Co-chair, Assoc. of Collegiate Schools of Architecture International Conference	2016
Scientific Committee, Urbano Journal, Chile	2017-present
Co-Director and Founder of the Japan-Architecture Study Abroad program	2013-present
Paper Reviewer, International Journal of Architectural Computing (IJAC)	2017
Co-Chair, ACSA International Conference, Santiago de Chile	2016
Final Juror: Design Projects Section., ACSA International Conference	2016
Community Engagement: Studio sponsored by Mana Wynwood FL	2015

Co-Chair, Master of Arts in Architecture, MAA, Dept. of Architecture, FIU	2015-2017
SIGRADI 2013 Conference: International Evaluation Committee	2015
Paper Reviewer: ACSA Annual Conference	2014
SIGRADI 2013 Conference: International Evaluation Committee	2013
ACSA 2014 Annual Conference, Miami, Florida: Paper Reviewer	2013
Pro-bono Advisor, Office of the Plan of Reconstruction of Coastal Border, Chile	2010-2011
Digital Heritage: Third International Euro-Med Conference, Scientific Committee	2010
Virtual Systems and Multimedia Congress, Program Committee (VSMM)	2010
ACADIA 2009 Annual Conference: Paper Reviewer	2009
SIGRADI 2009 Conference: International Evaluation Committee	2009
ACADIA: Alternate Steering Committee Member (elected)	2007-2009
ACADIA Competition Committee	2007-2008
Revista Portofolio, Maracaibo, Venezuela: Editorial Board	2003-2012
Virtual System and Multimedia Conference, VSMM: Program Review Committee	2008
ACSA Annual Conference, Houston, Texas: Paper Reviewer	2008
ACADIA: Steering Committee Member (elected)	2005-2007
SIGRADI Conference: International Evaluation Committee, 11th Annual Congress	2007
ACADIA Competition Committee, Member	2007
ACADIA 2007 Annual Conference: Paper Reviewer	2007
FIU Faculty Senate: Steering Committee and Senate Member	2005-2007
Open House International Journal: Reviewer	2006
International Society on Virtual Systems & MultiMedia: Program Committee	2001-2008
Far Eastern International Digital Design Award (FEIDAD), Taipei, Taiwan: Juror	2001-2008
Bienal Miami + Beach, Possible Futures Competition I, II, & III: Jury Chair	2001-2005
Florida International University, Faculty Senate: Steering Committee Member	2005-2007
Florida International University, School of Architecture: Head of Faculty Assembly	2005-
Portafolio Peer Review Journal, Venezuela: International Advisory Board	2000-2006
ACADIA/AIA Annual Conference, Work in Progress Competition, Juror	2004
Sociedad IberoAmericana de Grafica Digital (SIGRADI): Scientific Committee	1998-2006
ACSA: Member of the Virtual Education/Distance Learning Task Force (appointed)	2001-2003
UNESCO, World Heritage Center Congress: Program Committee Member	2002
ACADIA, DDE International Competition, Pomona, CA: Juror	2002
XIII Bienal de Arquitectura de Quito, Ecuador: Juror	2002
XIII Bienal de Arquitectura, Santiago de Chile: Juror	2002
ACSA Annual Meeting: Peer Reviewer	2002
ACSA International Meeting: Peer Reviewer	2002
ACADIA First International Design Competition: Organizing Committee Member	1998
ACADIA Conference, Cincinnati, Ohio: Site Coordinator	1997
Cities, Design and the Internet Summer Workshops, Italy: Co-organizer	1995-1996
Publication by others	
Archdaily, Huffintonpost, Bustler, Gizmag, Designmagazin, Arch2o, profesionarchitetto, Biscayne Times, dawntown.org, wettbewerbe-aktuell	2013
Mauricio Gonzalez and Alfredo Andia. 3rd Place in the Landmark Tower International Competition	
Colegio de Arquitectos de Venezuela: "MIA.MI MAYA.MI"	2011
Futures + Design Webzine: Architectural Installations	2011
EL Meridiano Newspaper, Maracaibo, Colombia: Interview	2010
In Book: Parachute Pavilion Competition, Princeton Architectural Press	2007
Domus Journal, Guayaquil, Ecuador: Interview by Pedro Polit, Director	2007
Radio LUZ, Maracaibo, Venezuela: 15 minutes interview	2007
PrensaLuz, Maracaibo: "Conferencia sobre futuros posibles en arquitectura"	2007
In Book: Torre del Bicentenario.Municipalidad de Santiago de Chile, pp. 46-47	2004
In Book: Developing Digital Architecture. Basel, Boston, Berlin: Birkhauser, p. 96	2004
In Book: XIII Bienal de Arquitectura 2002: "Arquitectos Chilenos en el Extranjero"	2002
Santiago de Chile: Colegio de Arquitectos de Chile, pp. 180-181	
In Book: Palimpsesti di Pietra. Verona: USA Books, p. 32 "Piazza Isolo, Mention"	1997
L' ARCA, Italy, No. 213, March. pp. 32-43. "Possible Futures"	2006
ARCHITEKT, Czech Republic, March 2006, pp. 30-41. "Possible Futures"	2006
L' ARCA, Italy, No. 191, April. pp. 32-39. "Possible Futures, Bienal Miami + Beach"	2004
Ambientes, Chile, Year 7, No. 37, Feb. 2004, pp. 36-37. "Cinta Habitable"	2004
El Mercurio, Chile, January 17, 2004. "Juego de Niños..."	2004
Dialogues, Taiwan, April 2003, pp. 76 -77. "Torre Bicentenario"	2003
Dialogues, Taiwan, April 2003, pp. 66 - 69. "Interview to Dr. Alfredo Andia"	2003
TodoObras, Chile, April 2003, pp. 76 -77. "Un Paisaje Sintético e Interactivo"	2003
Ambientes, Chile, Year 6, No. 33, May-June 2003, p. 44. Book Review	2003
United Press, Sep. 6, 2002. Interview distributed worldwide via UP Wire	2002
Interview for several articles that were part of a special report on Sep. 11	
Associated Press, July 16, 2002. Interview distributed worldwide via AP Wire	2002
Interview: "Reactions mixed to WTC site proposals"	

Diario El Clarín, Argentina, Aug. 5, 2002. "Urbanismo Virtual: Como llenar el vacío"	2002
Government Video Magazine, November 2001, pp. 65-70. K. Garcia.	2001
Discovery Channel. Special piece on the Internet Studio work	2001
4.15 min. piece aired on the Vida@Línea program on October, 2001	
BBC World Service. "Go Digital" radio program.	2001
4 min. piece on the Internet Studio initiative, Week of Sep. 17, 2001	
BBC Mundo. "Arquitectura en red para A. Latina"	2001
4 min. piece on the Internet Studio initiative, Week of Aug. 29, 2001	
Diario La Hora, Chile, Oct. 16, 2001. "Estudiantes se comunican virtualmente"	2001
Diario El Clarín, Argentina, August 6, 2001. "La Entrega en Internet."	2001
NHK TV, Japan, November 1999. TV program, Special on Virtual Education.	1999
Dayton Daily News, Ohio, Mar. 26, 1998. "Fair Spurs Awareness of Reviving."	1998
Dayton Daily News, Ohio, Dec. 11, 1997. "Models Depict Future City."	1997
El Mercurio, Chile, Sep. 4, 1997. "New links create a new Hypercity,"	1997

Citations by others

Selected list of peer citations in the past 8 years:

Book: "Spatial Design Education," Ashgate Publishing	2015
Salama, Ashraf M.	
Online Journal of Art and Design Vol. 3, I. 2	2015
Yavuz, A. R. A. T., and Havva ALKAN BALA. "The Relation between Visual Presentation and Architectural Design Products."	
Doctoral Thesis: University of Wellington	2015
Globa, A.. "Supporting the use of algorithmic design in architecture: An empirical study of reuse of design knowledge."	
IJDR Journal, Vol. 5, I. 01. Iyendo, Timothy, and Halil Zafer Alibaba.	2014
"Computer Aided Design (CAD) technology versus student's learning in Architectural Design Pedagogy."	
Doctoral Dissertation, U. Texas	2014
Dodd, S. T.. "Televising architecture: media, public engagement, and design in America." Diss. 2014	
Design Studies Vol. 34, I. 3	2013
Oh, Yeonjoo, et al. "A theoretical framework of design critiquing in architecture studios."	
Proceedings of the 17th International CAADRIA	2012
Globa, A. and Michael D. "Digital to physical: Comparative evaluation of three main CNC fabrication technologies adopted for physical modeling in architecture"	
International Journal of Architectural Computing, Vol. 10, Number 4	2012
Globa, A., Michael D., and S. Twose. "Digital to physical: Comparative evaluation of three main CNC fabrication technologies adopted for physical modeling in architecture"	
Book: Performalism: Form and Performance in Digital Architecture" Routledge : NY	2012
Yasha J. Grobman. "The various dimensions of the concept of performance in Architecture"	
PhD Thesis, University of Glamorgan	2012
Al-Ali, Amal. "Framework for the implementation of an enhanced virtual design studio in the architecture education curriculum of the United Arab Emirates: the virtual creative and collaborative studio."	
Cadernos de Arquitetura e Urbanismo, Brasil	2012
GLBB Menezes (2012). "Breve histórico de implantação da plataforma BIM."	
Design Studies, Vol.34, Issue 3	2012
Oh, Yeonjoo, et al. "A theoretical framework of design critiquing in architecture studios."	
Diss. Massachusetts Institute of Technology	2012
Cardoso Llach, Daniel. "Builders of the vision: technology and the imagination of design"	
Instructional Technology, 71	2012
Al-Nuaimi, Saad Fawzi, and Elsayed Abd-elMawla Aboukhatwa. "Faculty-Staff Attitudes towards using Blended Learning in Architectural Design Courses in Bahrain"	
JRK 2.4	2011
Chaerani, Ratu Yulya. "Pengaruh City Branding Terhadap City Image (Studi Pencitraan Kota Solo: 'The Spirit of Java')"	
PARC Journal, Vol. 2, Num. 7, Brasil, October	2011
Grobman, Yasha J. "New Directions in Agent-Based Generative Architectural Design"	
Computing in Civil and Building Engineering. ed./Walid Tizani. Nottingham U. Press	2010
Thuesen, N.; Kirkegaard, P.; Jensen, R. "Evaluation of BIM and Ecotect for Conceptual Architectural Design Analysis"	
ATN Assessment Conference, RMIT University, Melbourne, Australia	2009

- B. de la Harpe, T. Mason, I. Wong, F. Harrisson, D. Sprynskyj, C. Douglas.
"Integrating digital technologies into student assessment and feedback:
how easy is it?"
Educational Technology & Society, 12 (3) 2009
- Wang, T. "The Transformational Promise of Information and Communications
Technologies (ICTs) for the Professional Education of Architects"
ICIMEE, International Conference on Information Management and Engineering 2009
- Wang, T. "Rethinking Teaching: How ICTs Can Positively Impact Education in
Architecture"
Virtual Futures for Design, Construction and Procurement 2009
- Kocaturk, Tuba. "Digital affordances: emerging knowledge and
cognition in design"
Education Technology and Computer, ICETC'09. International Conference, IEEE 2009
- Wang, Tsungjuang. "The Transformative Promise of ICTs for the Education
of Architects in Taiwan."
FORUM Ejournal 8, Newcastle University, June 2008
- Reham Abdellatif. "Distance Learning in SecondLife: A Virtual Crit"
The Built & Human Environment Review, Vol 1 2008
- H. Salman, R. Laing, A. Conniff. "The Changing Role of CAAD in the
Architectural Design Studio"
Department of Architecture & Civil Engineering, University of Bath, UK, May 2008
- Aoife McGee, "Digital Design, Its place in Architecture"
BOOK: Design Studio Pedagogy: Horizons for the Future, ARTI-ARCH 2007
- Rabee Reffat, "The Realm of IT in Architectural Education:
A Partnership Approach"
The Built & Human Environment Review, Volume 1 2008
- Salman H., Laing R., and Conniff A. "The changing Role of CAAD
in the Architectural Design Studio"
METU Journal of the Faculty of Architecture 2007
- Ela Cil and Oya Pakdil. "Design Instructor's Perspective on the
Role of Computers in Architectural Education: A Case Study"
CAP-Lima: Colegio de Arquitectos del Peru-Lima, Lima, May/June 2007
- Pablo Herrera. "Diseño y Fabricación Digital en Arquitectura.
¿Donde Estamos y Hacia Adonde Vamos?"
Proceedings of the Designtrain Congress, Amsterdam: Designtrain, The Netherlands 2007
- Hilal Halicioglu. "Integrating Computer Technology into Architectural
Education: Reflections on Quality of Design Education"
Proceedings of the AARCHES, Nigeria 2007
- I.C. Ifeanchio. "The Challenges Of Internet Studios In
Architectural Education In Nigeria"
International Journal of Education and Development (IJEDICT), Vol. 3, I. 1 2007
- Rabee Reffat. "Revitalizing architectural design studio teaching using ICT:
Reflections on practical implementations"
Architectural Design Education, 2nd Conference on Planning & Development 2007
- Rabee M. Reffat. "Planning For Effective Utilization of Information
Technology"
The 2nd annual research conference of the Chais, Israel, 2007
- Ayelet Karmon, Eyal Nir. "Propagating Digital Thinking in Design Studio"
Communication, D.O.S. - Designers on Spot, Center for interactive living studies 2008
- Marcelo Tramontano and Marlon Rúbio Longo. "O processo
colaborativo e os Virtual Design Studios"
Master Thesis in Civil Construction, U. Federal do Paraná, Curitiba, 2007
- Armando Luís Yoshio Ito. "Gestão Da Informação No Processo De Projeto
De Arquitetura: Estudo De Caso"
Journal of the International Association for Shell and Spatial Structures 48.4 2007
- Borgart, Andrew, and Tuba Kocaturk. "Free form design as the
digital'zeitgeist'"
Architectural Engineering and Design Management, 3.2 2007
- Kocaturk, Tuba. "An investigation of the emerging knowledge in
digital design from a multidisciplinary perspective."

CURRICULUM VITAE

NAME

Desmond **Neil Leach**

EDUCATION

PhD, University of Nottingham, 2000

Diploma of Architecture, University of Cambridge, 1983

BA (commuted to MA), University of Cambridge, 1980 (1984)

FULL-TIME ACADEMIC EXPERIENCE

FIU, Assistant Professor, Architecture, 2016 -

FIU, Visiting Professor, Architecture, 2015 - 2016

Harvard University, Visiting Professor, Architecture, 2014 - 2015

University of Southern California, Adjunct Professor, Architecture, 2011 – 2014

University of Southern California, Visiting Professor, Architecture, 2009 – 2011

University of Brighton, UK, Professor (Full), Architecture, 2007 - 2009

Anhalt University, Germany, DAAD Professor, Architecture, 2003 - 2007

University of Bath, UK, Professor (Full), Architecture, 2000 - 2003

University of Nottingham, UK, Reader (Associate Professor), Architecture, 1998 - 2000

University of Nottingham, UK, Lecturer (Assistant Professor), Architecture, 1991 - 1998

University of Cambridge, UK, Researcher, Architecture, 1984 - 1987

PART-TIME ACADEMIC EXPERIENCE

Tongji University, China, Gao Feng Professor, Architecture, 2015 -

EGS Switzerland, Professor, Digital Design, 2014 -

NASA, Innovative Advanced Concepts Phase 2 Fellow, Space Exploration, 2012-2013

NASA, Innovative Advanced Concepts Phase 1 Fellow, Space Exploration, 2011-2012

Novi Sad University, Serbia, Visiting Professor, Architecture, 2009 - 2012

IaaC, Spain, Visiting Professor, Architecture, 2007 -

UIC, Spain, Visiting Professor, Architecture, 2007 -

London Consortium, UK, PhD Supervisor, General Studies, 2007 - 2012

SCI-Arc, Visiting Professor, Architecture, 2006 - 2008

Cornell University, Visiting Professor, Architecture, 2005

Royal Danish School of Fine Arts, Denmark, Velux Professor, Architecture, 2005

Architectural Association, London, Course Master, Architecture, 2000 - 2003

Curtin University, Australia, Research Fellow, Architecture, 2000

Columbia University, Visiting Professor, Architecture, 1999

NON-ACADEMIC EXPERIENCE

Furness Associates, Architect, Architecture, 1989-1991

Cambridge Design, Architect, Architecture, 1987-1989

EMPLOYMENT RECORD AT FIU

FIU, Assistant Professor , Architecture, 2016 -

FIU, Visiting Professor, Architecture, 2015 - 2016

PUBLICATIONS IN DISCIPLINE

BOOKS

(All books are peer reviewed unless noted otherwise)

Neil Leach, Behnaz Farahi (eds.), *'3D Printed Body Architecture'*, AD, Profile 250, Nov/Dec 2017, ISBN 978-1-119-34018-8

Yuan Feng, Achim Menges, Neil Leach (eds.), *Digital Fabrication*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608-7334-3

Neil Leach, Yuan Feng (eds.), *Computational Design*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608-7333-6

Neil Leach, Roland Snooks (eds.), *Swarm Intelligence: Architectures of Multi-Agent Systems*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608-6780-9

Neil Leach, Xu Weiguo (eds.), *Digital Factory: Advanced Computational Research*, Beijing: CABP, 2015, ISBN 978-7-112-18912-0

Philip Yuan, Achim Menges, Neil Leach (eds.), *Robotic Futures*, Shanghai: Tongji UP, 2015, ISBN 978-7-5608-5845-6

Neil Leach (ed.), *'Space Architecture: The New Frontier for Design Research'*, AD, Profile No 232, Nov/Dec 2014, ISBN 978-1118-663301

Neil Leach, Xu Weiguo (eds.), *Design Intelligence: Advanced Computational Research*, Beijing, China Architecture and Building Press, 2013, ISBN 978-7-112-15842-3

Neil Leach, Philip Yuan (eds.), *Digital Workshop in China*, Shanghai: Tongji University Press, 2013, ISBN 978-7-5608-5175-4

Neil Leach, Philip Yuan (eds.), *Fabricating the Future*, Shanghai: Tongji University Press, 2012, ISBN 978-7-5608-4836-5

Neil Leach, Philip Yuan (eds.), *Scripting the Future*, Shanghai: Tongji University Press, 2012, ISBN 978-7-5608-4835-8

Neil Leach, Xu Weiguo (eds.) *Machinic Processes: Architects*, Beijing, China Architecture and Building Press, 2010, ISBN 978-7-112-12622-4

Neil Leach, Xu Weiguo (eds.) *Machinic Processes: Students*, Beijing, China Architecture and Building Press, 2010, ISBN 978-7-112-12518-0

Neil Leach (ed.), *Digital Cities*, AD, Profile No 200, Vol. 79, No 4 July/August 2009, ISBN 978-0470773000

Neil Leach, Xu Weiguo (eds.), *(Im)material Processes: New Digital Techniques for Architecture - Architects*, Beijing, China Architecture and Building Press, 2008, ISBN 978-7-112-10395-9

Neil Leach, Xu Weiguo (eds.), *(Im)material Processes: New Digital Techniques for Architecture - Students*, Beijing, China Architecture and Building Press, 2008, ISBN 978-7-112-10396-6

Neil Leach, *Camouflage*, Cambridge, Mass.: MIT Press, 2006, ISBN 0-262-62200-9

- a. Neil Leach, *Camuflag*, trans. Dana Vais, Bucharest: Paideia, 2009, ISBN 973-9368-53-0 (Romanian translation)
- b. Neil Leach, *Camouflage* (Chinese translation in preparation)

Neil Leach, Xu Weiguo (eds.), *Emerging Talents, Emerging Technologies: Architects*, Beijing: China Architecture and Planning Press, 2006, ISBN 7-112-08529-2

Neil Leach and Xu Weiguo (eds.), *Emerging Talents, Emerging Technologies: Students*, Beijing: China Architecture and Planning Press, 2006, ISBN 7-112-085268

- a. Neil Leach and Xu Weiguo (eds.), *ET ET*, Korean Translation, Seoul: Archiworld, 2007, ISBN 89-5770-166-4

Neil Leach, *Forget Heidegger*, Bucharest: Paideia, 2006, ISBN 973-596-302-7

Neil Leach, David Turnbull, Chris Williams (eds.), *Digital Tectonics*, London: Wiley, 2004, ISBN 0470857293

Neil Leach, Xu Weiguo (eds.), *Fast Forward >>, Hot Spots, Brain Cells*, Hong Kong: Map Office, 2004, ISBN 962-86040-7-4

Neil Leach, *China*, Hong Kong: Map Books, 2004, ISBN 962-86040-9-0

Neil Leach (ed.), *Designing for a Digital World*, London: Wiley, 2002, ISBN-10:0470844191; ISBN -13: 978-0470844199

Neil Leach (ed.), *The Hieroglyphics of Space: Reading and Experiencing the Modern Metropolis*, London: Routledge, 2002, ISBN 0-415-19892-5

Neil Leach, Oliver Froome-Lewis, Katja Hock, Nicola Worton, *Mars Pants: Covert Histories, Temporal Distortions, Animated Lives*, London: Architecture Foundation, 2000, ISBN 0-95190667-3-9

Neil Leach, *The Anaesthetics of Architecture*, Cambridge, Mass.: MIT Press, 1999, ISBN 0-262-62126-6

- a. Neil Leach, *Anestetica*, Bucharest: Paideia, 1999, 112pp, ISBN 973-9368-53-0 (Romanian translation)
- b. Neil Leach, *La An-estética de la Arquitectura*, Barcelona: G Gili, 2001, ISBN 84-252-1820-9 (Spanish translation)
- c. Neil Leach, *The Anaesthetics of Architecture*, Taipei: Garden City, 2005, 986-7705-70-X (Chinese translation)
- d. Neil Leach, *A Anestética da Arquitectura*, Lisbon: Antígona, 2005, ISBN 972-608-180-7 (Portuguese translation)
- e. Neil Leach, *The Anaesthetics of Architecture*, (Korean translation in preparation)

Neil Leach (ed.), *Architecture and Revolution: Contemporary Perspectives on Central and Eastern Europe*, London: Routledge, 1999, ISBN 0-415-13915-5

Neil Leach, *Millennium Culture*, London: Ellipsis, 1999, ISBN 1-899858-93-8

Neil Leach (ed.), *Rethinking Architecture: A Reader in Cultural Theory*, London: Routledge, 1997, 409pp., ISBN 0-415-1286-9

- (a) Neil Leach (ed.), *Rethinking Architecture*, Macedonian translation, Skopje, 2012
- (b) Neil Leach (ed.), *Rethinking Architecture*, Chinese translation (in preparation)

Leon Battista Alberti, *On the Art of Building in Ten Books*, Joseph Rykwert, Neil Leach and Robert Tavernor (trans.), Cambridge, Mass.: MIT Press, 1988, ISBN 0-262-01099-2

(a) Leon Battista Alberti, *On the Art of Building in Ten Books*, Joseph Rykwert, Neil Leach and Robert Tavernor (trans.), Chinese translation, Beijing, CABP, 2016, ISBN 978-7-112-16535-3

ARTICLES

(a) PEER REVIEWED

Neil Leach, 'Can a Building Be an Apparatus?', *Spool: Cyber-Physical Architecture*, guest editors, Sang Lee, Henriette Bier, Vol. 6, No 1, 2019, pp. 5-16. ISBN 978-94-6366-200-0

Neil Leach, 'The Informational City', in *Next Generation Building*, Issue 2, TU Delft, 2015

Neil Leach, 'Parametrics Explained', in *Next Generation Building*, Issue 1, TU Delft, 2014

Neil Leach, Behrokh Khoshnevis, Anders Carlson, Madhu Thangavelu, 'Robotic Construction by Contour Crafting: The Case of Lunar Construction', *International Journal of Architectural Computing*, Issue on Architectural Robotics, 2013

Neil Leach, Pertenece, *Cairon*, 12, Revista de estudios de danza: Cuerpo y Arquitectura, 2009, pp. 299-313

Neil Leach, 'Mimesis' in *ATR*, Special Issue on Walter Benjamin, vol. 10, no. 1, 2005, pp. 12-36

Neil Leach, '9/11', *Diacritics*, Volume 33, Nos. 3-4, Fall-Winter 2003

Neil Leach, 'Belonging', London: Postcolonial City, *AA Files*, 49, 2003, pp. 76-82

Neil Leach, 'Swarm Tectonics', *Archis*, November, 2002, pp. 46-58

Neil Leach, 'Belonging: Towards a Theory of Identification with Place', *Prospecta*, 33, 2002, pp. 126-133

Neil Leach, 'The Aesthetic Cocoon', *OASE*, 54, Winter 2001, pp. 104-121

Neil Leach, 'Vitruvius Crucifixus: Architecture, Mimesis and the Death Instinct', *AA Files*, 38, July 1999

Neil Leach, 'Virilio and Architecture', *Theory, Culture and Society*, Paul Virilio, 1999

Neil Leach, 'The Dark Side of the Domus', *Journal of Architecture*, Vol. 3, Spring 1998, pp. 1-12

Neil Leach, 'The Seduction of Theory: From Las Vegas to London', *Environments by Design*, Winter 1997/8, vol. 2:1, pp. 87-98

Neil Leach, 'Erasing the Traces', *Journal of Renaissance and Modern Studies*, vol. 40, 1998, pp. 70-82

Neil Leach, 'Ceara lui Icar: arhitectura si problema genului', *Sfera Politicii: Revista luara de Stiinte Politice Editate de Fundatia 'Societatea Civila'*, special issue 42, 'Utopie, Urbanism, Politica', 1996, pp. 2-6

Neil Leach, 'New York, the Enchanted Forest,' *OverHere: a European Journal of American Culture*, vol. 17, No. 1, Spring 1996

Neil Leach, 'The Wax of Icarus: Architecture and the Question of Gender', *Journal of Renaissance and Modern Studies*, Special Issue on Gender and Space, vol. 39, 1996, pp. 106-118

(b) NOT PEER REVIEWED

Neil Leach, 'Sleepwalking into Oblivion', *A+T*, December 2019

Neil Leach, 'Design in the Age of Artificial Intelligence,' *Landscape Architecture Frontiers* (trans. Tina Tian), Vol. 6, Issue 2, April 2018, pp. 9-19

Neil Leach, 'The Informational City' (in Chinese), *Time + Architecture*, 2018.

Neil Leach, 'Drift or Shift' (interview with Ciro Najle), *Plot*, 037, Buenos Aires, Argentina, August 2017, pp. 168-175

Neil Leach, 'Deleuze and the Diagram: A Curious Moment in Architectural Theory', *A+T*, Issue 51, Fall 2016, pp. 22-27

Neil Leach, 'From Strong Discussions to Deleuzian Dissolution', *A+T*, Issue 45, Spring 2015

Neil Leach, 'Machinic Processes', *Urbanism and Architecture*, Harbin, China, September 2012, No. 96, pp. 33-39

Behrokh Khoshnevis, Anders Carlson, Neil Leach, Madhu Thangavelu, 'Robotic Construction on the Moon: The Potential of Contour Crafting', *Urbanism and Architecture*, Harbin, China, September 2012, No. 96, pp. 40-48

Neil Leach in 'Roundtable Discussion', *Urbanism and Architecture*, Harbin, China, September 2012, No. 96, pp. 6-32

Neil Leach, 'Computational Urbanism' in *Domus China*, November 2011

Neil Leach, 'Pertenencia', trans. Fernando Quesada, *Cercle Review* (online journal), 1, 2010, <http://cercle.upc.edu>.

Neil Leach, 'Swarm Urbanism' *World Architecture*, 230, July 2009, pp. 20-22

Neil Leach, 'Immaterial Processes', *Architectural Journal*, 1, 2009, pp. 69-70

Neil Leach, 'New Materialism', *Urban Flux*, 1, 2009, pp. 26-29

Neil Leach, 'New`Materialism', *IDEA NEWS*, Spring 2009, pp. 12-13

Neil Leach, interview with Roland Wahlroos-Ritter, *IDEA NEWS*, Spring 2009, pp. 14-15

Neil Leach, 'Od anestezizacije arhitekture do fasizma', *TVRDA*, Zagreb, 1-2, 2008, pp. 377-382

Neil Leach, 'Kamufliža kao oblik pripadanja', *TVRDA*, Zagreb, 1-2, 2008, pp. 383-390

Neil Leach, 'Tamna strana Domusa', *TVRDA*, Zagreb, 1-2, 2008, pp. 391-401

Neil Leach, 'Digitalna Morfogeneza', *Oris*, 51, 2008, pp. 96-107

Neil Leach, Carmella Jacoby Volk, 'Conversation with Neil Leach', *Block*, 05, Winter 2008, pp. 98-105

Neil Leach, 'Pripadnost u Arhitekturi' (trans. Tonci Valentic), *Euroopski Glasnik*, 12/12, Zagreb, 2007, pp. 581-595

Neil Leach, 'Teorija Kamufliiranja', interview by Srecko Horvat, *Zarez: Journal for Cultural and Social Questions*, Zagreb, Croatia, number 235-236, 7 Oct 2008

Neil Leach, 'Arhitektura modne piste', *Art Dossier*, 13/4, Zagreb, 2008, pp. 110 – 119

Neil Leach, 'Emerging Talents, Emerging Technologies', *Monument*, 77, Feb-March 2007, p. 104

Neil Leach, 'Digital Morphogenesis', *Archithese*, 4, 2006, pp. 44-49

Neil Leach, '9/11', *Stadt Bauwelt*, 24/06, 23 June 2006, pp. 42-59

Neil Leach in conversation with Sergei Sitar (in Russian), *Project International*, 9, 2006, pp. 123 - 132

Neil Leach, 'Mimesis' (in Italian and English), *Lotus International*, 126, 2006, pp. 4-17

Neil Leach, 'A Theory of Camouflage' in *ptah*, 2005:2, pp. 3-7

Neil Leach, 'Tony Blair's Camouflage London' (in German), *Stadt Bauwelt*, 24 June, 2005, pp. 12-17

Neil Leach, 'Hong Kong Drag Space' (in Romanian), *Arhitect*, 146, April 2005, pp. 32-35

Neil Leach, 'London Mimetica/Camouflage London' (in Italian and English), *Domus*, January 2005, pp. 90-95

Neil Leach, 'Swarm Tectonics' (in Chinese), *DA*, 2004

Neil Leach, 'C<AMO>UFLAGE' (in Spanish) in *Revista de La Facultad 47 al Fondo*, 12, pp. 38-41, 2005

Neil Leach, 'Beijing Architecture Biennial 2004' in *Time Out Beijing*, Sept 2004, pp. 33-36

Neil Leach, 'Drag Space', *Static*, Issue 04, 2003

Neil Leach, 'Global Trajectories e-Dialogue' in *306090*, 4, March 2003

Neil Leach, 'Swarm Tectonics' *Octogon*, (in Romanian), November 2002

Neil Leach, 'Der ästhetische Kokon', *Hintergrund*, 14, 2002

Neil Leach, 'Digital Realities', *Art and Culture*, 1, 2002, pp. 30-39

Neil Leach, 'Forget Heidegger', *Scroope*, 12, 2000, pp. 50-59

Neil Leach, 'Eastern Block', article, *Building Design*, 13 October 1995

Neil Leach, 'Deconstructia Deconstruita II', *Arhitext-Design*, Romania, May, 1995

Neil Leach, 'Deconstructia Deconstruita I', *Arhitext-Design*, Romania, April, 1995

Neil Leach, 'Portrait of the Artist as an Architect', review, *Building Design*, 10 March 1995

Neil Leach, 'The Critical Debate Continues', article, *Building Design*, 27 January 1995

Neil Leach, 'Representing the Spirit of the Renaissance', *Building Design*, 21 Oct. 1994

Neil Leach, 'Architecture, Freedom and Speech', *Berlin: City of Competitions*, March 1994

Neil Leach, 'The Practice of Theory', article, *Building Design*, 29 January 1993

PROCEEDINGS

Neil Leach, 'Do Robots Dream of Digital Sheep?' in Kory Bieg, Danelle Briscoe, Clay Odom (eds.), *ACADIA 2019: Ubiquity and Autonomy, Proceedings of the 39th Annual Conference of the Association for Computer Aided Design in Architecture*, University of Texas at Austin, Texas, 2019, pp. 298-309

Neil Leach, 'We Have Never Been Digital' in Phillip Anzalone, Marcella del Signore, Andrew Wit (eds.), *ACADIA 2018: Recalibration: On Imprecision and Infidelity, Proceedings of the 38th Annual Conference of the Association for Computer Aided Design in Architecture*, Universidad Iberoamericana, Mexico, 2018

Neil Leach, 'Zoom Space: The Limits of Representation' in Skylar Tibbits (ed.), *ACADIA 2017: Disciplines and Disruptions, Proceedings of the 37th Annual Conference of the Association for Computer Aided Design in Architecture*, MIT, 2017

Neil Leach, 'Digital Tool Thinking: Object Oriented Ontology versus New Materialism', in Kathy Velikov, Sean Ahlquist, Matias del Campo, Geoffrey Thün (eds.), *ACADIA 2016: Posthuman Frontiers: Data, Designers and Cognitive Machines, Proceedings of the 36th Annual Conference of the Association for Computer Aided Design in Architecture*, ISBN 978-0-692-77095-2, 2016, pp. 344-351

Neil Leach, 'Emergent Interactivities: From the Primitive Hut to the Cerebral Hut', in David Gerber, Alvin Huang, Jose Sanchez (eds.), *ACADIA 2014: Design Agency, Proceedings of the 34th Annual Conference of the Association for Computer Aided Design in Architecture*, Toronto: Riverside Architectural Press, 2014, pp. 145-152

Neil Leach, 'Temporal Agency: An Introduction', in David Gerber, Alvin Huang, Jose Sanchez (eds.), *ACADIA 2014: Design Agency, Proceedings of the 34th Annual Conference of the Association for Computer Aided Design in Architecture*, Toronto: Riverside Architectural Press, 2014, pp. 387-388

Neil Leach, 'Desiring Machines', *Meaning, Matter, Making*, DesForm 2012, Wellington, NZ, Proceedings, 18-20 April 2012, pp. 212-228

Neil Leach, 'Swarm Urbanism', *Architecture: Education, Practice and Research*, BUET, Bangladesh, Proceedings, 2-4 February 2012, pp. 42-56

Neil Leach, 'Erasing the Traces: The 'Denazification' of Post-Apartheid South Africa', in 'A Sense of Space', *SAVAL Conference Papers*, Univ. of Witwatersrand, South Africa, 1998, pp. 258-264

CHAPTERS IN BOOKS

(All books are peer reviewed unless noted otherwise)

Neil Leach, "The Second Copernican Revolution," in Jeffrey S Nesbit and Guy Trangos (eds.), *New Geographies 11: Extraterrestrial*, Cambridge, MA and Barcelona: Harvard Graduate School of Design and Actar Publishers, 2019.

Neil Leach, 'There Is No Such Thing as a Digital Building: A Critique of the Discrete,' in Gilles Retsin (ed.), *Discrete: Reappraising the Digital in Architecture*, AD, Profile 258, 2019, pp. 136-141. ISSN 0003-8504

Neil Leach, 'Adaptation' in Arie Graafland, Dulmini Perera (eds), *Architecture and the Machinic: Experimental Encounters of Man with Architecture, Computation and Robotics*, Dessau: DIA Architecture School, 2018, ISBN 978-3-96057-042-4, pp. 44-57

Neil Leach, 'Di(oram)a: Recollections of A British Professor in Dessau' in Beeke Bartelt (ed.), *Retrospective: 18 Years DIA*, Dessau: DIA Architecture School, 2018, ISBN 978-3-96057-044-8, pp. 84-87 (NPR)

Neil Leach, 'Matter Matters: A Philosophical Preface' in Skylar Tibbits (ed.), *Active Matter*, Cambridge, MA: MIT Press, 2017, ISBN 978-0-262-03680-1, pp. 18-24.

Neil Leach, 'Curating the Digital: An Interview with MOMA's Paola Antonelli', in Neil Leach, Behnaz Farahi (eds.), *'3D Printed Body Architecture'*, AD, Profile 250, Nov/Dec 2017, pp. 26-33

Neil Leach, 'Size Matters: Why Body Architecture is the Future of 3D Printing', in Neil Leach, Behnaz Farahi (eds.), *'3D Printed Body Architecture'*, AD, Profile 250, Nov/Dec 2017, pp. 76-83

Neil Leach, 'Introduction: What is 3D Printed Body Architecture?' in Neil Leach, Behnaz Farahi (eds.), *'3D Printed Body Architecture'*, AD, Profile 250, Nov/Dec 2017, pp. 6-15

Neil Leach, Behnaz Farahi, '3D Printed Body Architecture' in Yuan Feng, Achim Menges, Neil Leach (eds.), *Digital Fabrication*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608-7334-3, pp. 296-301

Neil Leach, 3D Printing in Space, Yuan Feng, Achim Menges, Neil Leach (eds.), *Digital Fabrication*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608-7334-3, pp. 143-152

Neil Leach, 'Introduction' in Yuan Feng, Achim Menges, Neil Leach (eds.), *Digital Fabrication*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608-7334-3, pp.10-27

Neil Leach, 'Informational Cities' in Neil Leach, Yuan Feng (eds.), *Computational Design*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608-7333-6, pp. 102-113

Neil Leach, 'Swarm Urbanism' in Neil Leach, Yuan Feng (eds.), *Computational Design*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608-7333-6, pp. 57-68

Neil Leach, 'Introduction' in Neil Leach, Yuan Feng (eds.), *Computational Design*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608-7333-6, pp. 8-25

Neil Leach Roland Snooks, 'Introduction' in Leach, Snooks (eds.), *Swarm Intelligence: Architectures of Multi-Agent Systems*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608

Neil Leach 'Swarm Urbanism' in Leach, Snooks (eds.), *Swarm Intelligence: Architectures of Multi-Agent Systems*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608

Neil Leach 'Rhizomatic Urbanism' in Leach, Snooks (eds.), *Swarm Intelligence: Architectures of Multi-Agent Systems*, Shanghai: Tongji UP, 2017, ISBN 978-7-5608

Neil Leach, 'The Culture of the Copy' in Wendy Fok, Antoine Picon (eds.), *Digital Property*, AD, Sept/Oct 2016, Vol 86, Issue 5, ISBN 9781118954980, pp. 126-133

Neil Leach, 'Airport Cities' in Federica Marchetti (ed.), *Taylor-Made Airport: Aeroporto Internazionale di Napoli*, Naples: Gnosis, 2016, ISBN 978-7-5608-7334-3, pp. 20-23 (NPR)

Neil Leach, 'Design and New Materialism' in Elizabeth Grierson, Harriet Edquist, Helene Frichot (eds.), *De-Signing Design: Cartographies of Theory and Practice*, New York: Lexington Books, 2016, ISBN 978-1-4985-1035-6, pp. 205-216

Neil Leach, 'There's No Such Thing as Political Architecture; There's No Such Thing as Digital Architecture' in Matthew Poole, Manuel Svartzberg (eds.), *The Politics of Parametricism: Digital Technologies in Architecture*, London: Bloomsbury, 2015

- Neil Leach, 'The (A)Credit(ation) Card', in Peggy Deamer (ed.), *The Architect as Worker: Immaterial Labor, the Creative Class, and the Politics of Design*, London: Bloomsbury, 2015
- Neil Leach, '(In)Formational Cities' in Tom Verebes (ed.), 'Mass Customised Cities', *AD*, Wiley, Nov/Dec. 2015
- Neil Leach, 'Introduction' in Leach, Philip Yuan, Achim Menges (eds.), *Robotic Futures*, Shanghai: Tongji UP, 2015
- Neil Leach, 'Introduction' in Neil Leach (ed.), 'Space Architecture: The New Frontier for Design Research', *AD*, Profile No 232, Nov/Dec 2014, pp. 8-14
- Neil Leach, 'Buzz Aldrin: Mission to Mars' in Neil Leach (ed.), 'Space Architecture: The New Frontier for Design Research', *AD*, Profile No 232, Nov/Dec 2014, pp. 40-45
- Neil Leach, 'Terrestrial Space Architecture' in Neil Leach (ed.), 'Space Architecture: The New Frontier for Design Research', *AD*, Profile No 232, Nov/Dec 2014, pp. 54-63
- Neil Leach, 'Projecting into Space: International Student Projects' in Neil Leach (ed.), 'Space Architecture: The New Frontier for Design Research', *AD*, Profile No 232, Nov/Dec 2014, pp. 96-107
- Neil Leach, '3D Printing in Space' in Neil Leach (ed.), 'Space Architecture: The New Frontier for Design Research', *AD*, Profile No 232, Nov/Dec 2014, pp. 108-114
- Neil Leach, 'Terrestrial Feedback: Reflections on the Space Industry' in Neil Leach (ed.), 'Space Architecture: The New Frontier for Design Research', *AD*, Profile No 232, Nov/Dec 2014, pp. 122-127
- Neil Leach, 'There is No Such Thing as Digital Design', in David Gerber, Mariana Ibanez (eds.), *Paradigms in Computing: Making, Machines, and Models for Design Agency in Architecture*, Los Angeles: eVolo Press, 2014, pp. 148-158
- Neil Leach, 'Adaptation', in Simone Ferracina, Rachel Armstrong (eds.), *Unconventional Computing*, Toronto: Riverside Architectural Press, 2013
- Neil Leach, Xu Weiguo, 'Dialogue' in Leach, Xu Weiguo (eds.), *Design Intelligence: Advanced Computational Research*, Beijing, China Architecture and Building Press, 2013
- Neil Leach, 'Shopping Around' in Leach, Yuan (eds.), *Digital Workshop in China*, Shanghai: Tongji University Press, 2013
- Neil Leach, 'Parametrics Explained', in Leach, Yuan (eds.), *Scripting the Future*, Shanghai: Tongji University Press, 2012
- Neil Leach, 'Computational Urbanism', in Leach, Yuan (eds.), *Scripting the Future*, Shanghai: Tongji University Press, 2012
- Neil Leach, Behrokh Khoshnevis, 'Contour Crafting: A Revolution in Concrete Construction' in Leach, Yuan (eds.), *Fabricating the Future*, Shanghai: Tongji University Press, 2012
- Neil Leach, Xu Weiguo, 'Preface' in Leach, Weiguo (eds.), *Machinic Processes*, Vol. 1: Architects, Beijing, China Architecture and Building Press, 2010, ISBN 978-7-112-12622-4
- Neil Leach, Xu Weiguo, 'Preface' in Leach, Weiguo (eds.), *Machinic Processes*, Vol. 2: Students, Beijing, China Architecture and Building Press, 2010, ISBN 978-7-112-12518-0
- Neil Leach, 'Machinic Processes' in Leach, Xu Weiguo (eds.) *Machinic Processes*, Vol. 2: Students, Beijing, China Architecture and Building Press, 2010, ISBN 978-7-112-12518-0, pp. 8-13
- Neil Leach, 'Parametrics Explained' in Leach, Xu Weiguo (eds.) *Machinic Processes*, Vol. 1: Architects, Beijing, China Architecture and Building Press, 2010, ISBN 978-7-112-12622-4, pp. 8-15
- Neil Leach, 'Interview', in Marija Mao Veleška, Slobodan Veleviski (eds.), *Conversations*, Skopje: USCMFA, 2011, pp. 168-191 (NPR)
- Neil Leach, Behrokh Khoshnevis, 'Contour Crafting: A Revolution in Concrete Construction' in Ulrich Knaack, Marcel Bilow, Holger Strauss (eds.), *Rapids: Layered Fabrication Technologies for Facades and Building Construction*, Rotterdam: 010 Publishers, 2010
- Neil Leach, Behrokh Khoshnevis, 'Contour Crafting: Una Revolución en la Construcción con Homigon' in Alberto Estevez (ed.), *Arquitecturas Genéticas III: Nuevas Técnicas Biológicas y Digitales*, Barcelona, 2010

- Neil Leach, 'Introduction' in Neil Leach (ed.), *Digital Cities*, London: Wiley, 2009, ISBN 978-0470773000, pp. 6-13
- Neil Leach, 'Chlorofilia, the Los Angeles Jungle' (featuring Hernan Diaz Alonso) in Neil Leach (ed.), *Digital Cities*, London: Wiley, 2009, ISBN 978-0470773000, pp. 34-39
- Neil Leach, 'The Limits of Urban Simulation' (interview with Manuel DeLanda) in Neil Leach (ed.), *Digital Cities*, London: Wiley, 2009, ISBN 978-0470773000, pp. 50-55
- Neil Leach, 'Swarm Urbanism', in Neil Leach (ed.), *Digital Cities*, London: Wiley, 2009, ISBN 978-0470773000, pp. 56-63
- Neil Leach, 'Digital Towers' in Neil Leach (ed.), *Digital Cities*, London: Wiley, 2009, ISBN 978-0470773000, pp. 68-79
- Neil Leach, 'Hyperhabitat: Reprogramming the World' in Neil Leach (ed.), *Digital Cities*, London: Wiley, 2009, ISBN 978-0470773000, pp. 86-89
- Neil Leach, interview with Homa Fajardi in Fajardi Architects, *Sense Formations*, Barcelona: Actar, 2009, pp. 87-99
- Neil Leach, 'Digital Morphogenesis' in Luigi Prestinenza Puglisi (ed.), 'Theoretical Meltdown', *AD*, Vol. 79, no. 1, Jan/Feb 2009
- Neil Leach, 'Preface' in Neil Leach, Xu Weiguo (eds.), *(Im)material Processes: New Digital Techniques for Architecture* - Architects, Beijing, China Architecture and Building Press, 2008, pp. 4-5
- Neil Leach, 'Immaterial Processes' in Neil Leach, Xu Weiguo (eds.), *(Im)material Processes: New Digital Techniques for Architecture* - Architects, Beijing, China Architecture and Building Press, 2008, pp. 6-13
- Neil Leach, 'Preface' in Neil Leach, Xu Weiguo (eds.), *(Im)material Processes: New Digital Techniques for Architecture* - Students, Beijing, China Architecture and Building Press, 2008, pp. 4-5
- Neil Leach, 'New Materialism' in Neil Leach, Xu Weiguo (eds.), *(Im)material Processes: New Digital Techniques for Architecture* - Students, Beijing, China Architecture and Building Press, 2008, pp. 6-15
- Neil Leach et al., 'Interjections 1' in Fabio Gramazio and Matthias Kohler (eds.), *Digital Materiality in Architecture*, Baden: Lars Mueller Publishers, 2008, pp. 32-33
- Neil Leach, 'Play Stations' in Friedrich von Borries, Steffen Walz, Matthias Bottger (eds.), *Space, Time, Play: Computer Games, Architecture and Urbanism: The Next Level*, Basel, Boston, Berlin: Birkhauser, 2007, pp. 328-331
- Neil Leach, 'Esquecamos Heidegger' in Rui Braz Afonso, Goncalo Furtado (eds.), *Arquitectura – Maquina e Corpo*, Porto: FAUP, 2006, pp. 65-82
- Neil Leach, 'The Legacy of Derrida' in Sten Gromark and Fredrik Nilsson (eds.), *Uiforskande Arkitektur: Situationer i Nutida Arkitektur*, Norhagen: Axl Books, 2006
- Neil Leach, 'Preface' in Neil Leach and Xu Weiguo (eds.), *Emerging Talents, Emerging Technologies: Students Work*, Beijing: China Architecture and Planning Press, 2006, pp. 4-5
- Neil Leach, 'Digital Laboratories' in Neil Leach and Xu Weiguo (eds.), *Emerging Talents, Emerging Technologies: Students Work*, Beijing: China Architecture and Planning Press, 2006, pp. 6-11
- Neil Leach, 'Preface' in Neil Leach and Xu Weiguo (eds.), *Emerging Talents, Emerging Technologies: Architects Work*, Beijing: China Architecture and Planning Press, 2006, pp. 4-5
- Neil Leach, 'Swarm Intelligence' in Neil Leach and Xu Weiguo (eds.), *Emerging Talents, Emerging Technologies: Architects Work*, Beijing: China Architecture and Planning Press, 2006, pp. 6-11
- Neil Leach, 'Notas hacia una Definicion de Teoria' in Goncalo Furtado, *Detras del Lapis o la Construcccion del Proyecto Critico*, Bogota: FAD, 2006, pp. 4-5
- Neil Leach, '9/11', in Mark Crinson (ed.), *Urban Memory: History and Amnesia in the Modern City*, London: Routledge, 2005, pp. 169-191
- Neil Leach, 'Escapist', in Joan Ockman and Salomon Frausto (eds.), *Architectourism: Authentic, Escapist, Exotic, Spectacular*, Munich, Berlin, London, New York: Prestel, 2005, pp. 116-117
- Neil Leach, 'Less Aesthetics, More Ethics' in Nicholas Ray (ed.), *Architecture and its Ethical Dilemmas*, Abingdon: Routledge, 2005, pp. 135-142

Neil Leach, 'Virtual Dreamworlds' in Christine Calderon, Omar Calderon, Peter Dorsey (eds.), *Beyond Form*, New York: Lusitania, 2005, pp. 130-141

Neil Leach, 'Drag Space' in Laura Ruggeri (ed.), *HKLab2*, Hong Kong: Map Office, 2005, pp. 172-183

Neil Leach (in discussion with Mark Goulthorpe, Farshid Moussavi, Alejandro Zaeara-Polo and Servo), 'Space Condition – Part 3', in Roger Riewe (ed.), *Space Condition*, Vienna and New York, Springer, 2005, pp. 133-158

Neil Leach, 'Ecstasy' Elie Haddad (ed.), *Contemporary Discourses in Architecture*, Beirut: American UP, 2004, pp. 231-244

Neil Leach, 'The Aesthetic Cocoon' in *One in a Million: Economies of the Self in Everyday Urban Life*, New York: Austrian Cultural Institute, 2004, pp. 33-44

Neil Leach, 'Introduction' in Leach and Xu Weiguo (eds.), *Fast Forward>>*, Hong Kong: Map Books, 2004, pp. 6-7 ()

Neil Leach, 'Caution: Instructions Before Use', in Leach, Xu Weiguo (eds.), *Fast Forward>>*, HK: Map Books, 2004, pp. 8-15

Neil Leach, 'Diesel Culture' in *Espectaculares: Recent Works from GB*, Museo Tamayo Arte Contemporaneo, Mexico, 2004

Neil Leach, 'Orchid Architectures' in SITAC, *Arte Ciudad*, Mexico: SITAC, 2004, pp. 284-291

Neil Leach, 'Introduction; in Leach, Turnbull, Williams (eds.), *Digital Tectonics*, London: Wiley, 2004, pp. 4-12

Neil Leach, 'Swarm Tectonics' in Leach, Turnbull, Williams (eds.), *Digital Tectonics*, London: Wiley, 2004, pp. 70-77

Neil Leach, 'C<AMO>UFLAGE', in Veronique Patteeuw (ed.), *What is OMA? Considering Rem Koolhaas and the Office for Metropolitan Architecture*, Rotterdam: NAI, 2003, pp 89-100

a. French translation published, 2004

b. Japanese translation published, 2005

Neil Leach *et al.*, 'A Discussion' in Regina Sonnabend (ed.), *Serve City: Interactive Urbanism*, Berlin: Jovis, 2003, pp. 10-30

Neil Leach, 'Forget Heidegger' in Augustin Ioan (ed.), *Lost in Space*, Bucharest: New Europe College, 2003, pp. 122-143

Neil Leach, 'Swarm Tectonics' in Zaha Hadid and Patrik Schumacher (eds.), *Latent Utopias*, Vienna: Springer, 2002, pp.48-53

Neil Leach, 'Urban Camouflage' in Ben van Berkel and Caroline Bos, *UN Studio Fold*, Rotterdam: NAI, 2002, pp 58-59

Neil Leach, 'The Aesthetic Cocoon' in Kester Rattenbury (ed.), *This is Not Architecture*, London: Routledge, 2002

Neil Leach, 'Vitruvius Crucifixus: Architecture, Mimesis and the Death Instinct,' in Robert Tavernor and George Dodds (eds.), *Body and Building*, Cambridge, MA: MIT Press, 2002, pp. 210-225

Neil Leach, 'Introduction' in *Designing for a Digital World*, London: Wiley, 2002, pp 6-14

Neil Leach, 'Forget Heidegger' in *Designing for a Digital World*, London: Wiley, 2002, pp. 21-30

Neil Leach, 'Introduction' in Neil Leach (ed.) *The Hieroglyphics of Space*, London: Routledge, 2002, pp. 1-11

Neil Leach, 'Erasing the Traces: The "Denazification" of Post-Revolutionary Berlin and Bucharest' in Neil Leach (ed.) *The Hieroglyphics of Space*, London: Routledge, 2002, pp. 80-91

Neil Leach, 'Erasing the Traces: The "Denazification" of Post-Apartheid Johannesburg and Pretoria' in *The Hieroglyphics of Space*, London: Routledge, 2002, pp. 92-100

Neil Leach, 'Towards a Theory of Identification' in Jean Hillier (ed.), *Habitus: A Sense of Place*, London: Batsford, 2001

Neil Leach, 'Through the Looking Glass' in Katherina Bosse, *Surface Tension*, Ulm: Kruse Publications, 2001, pp. 88-99 (

Neil Leach, 'The Dark Side of the Domus' in Andrew Ballantyne (ed.), *What is Architecture?*, London: Routledge, 2001

Neil Leach, 'No Logo Logo' in Kate Fowle and Deborah Smith (eds.), *Shelf Life*, London: Gasworks, 2001, pp. 42-45

Neil Leach, 'Walter Benjamin, Mimesis and the Dreamworld of Photography', in Iain Borden and Jane Rendell (eds.), *Intersections*, London: Routledge, 2000, pp. 27-38

Neil Leach, 'The Aesthetic Cocoon' in Neil Leach, Oliver Froome-Lewis, Katja Hock, Nicola Worton, *Mars Pants*, London: The Architecture Foundation, 2000

Neil Leach, 'Walter Benjamin, Mimesis and the Dreamworld of Photography', in Michael Mack (ed.), *Reconstructing Space: Architecture in Recent German Photography*, London: AA Publications, 1999, pp. 12-17

Neil Leach, 'Introduction', in Neil Leach (ed.), *Architecture and Revolution*, London: Routledge, 1999, pp. 1-10

Neil Leach, 'The Dark Side of the Domus: the Redomestication of Central and Eastern Europe', in Neil Leach (ed.), *Architecture and Revolution*, London: Routledge, 1999, pp. 150-162

Neil Leach, 'Architecture or Revolution?', in Leach (ed.), *Architecture and Revolution*, London: Routledge, 1999, pp. 112-123

Neil Leach, 'Berlin (1961-1989): The Walled-up Bride', in Leach (ed.), *Architecture and Revolution*, London: Routledge, 1999, pp. 209-218

Neil Leach, 'Ecstasy', in Charles Jencks (ed.), *Ecstatic Architecture*, London: Academy Editions, 1999, pp. 66-77

Neil Leach, 'Virilio and Architecture', in John Armitage and Mike Featherstone (eds.), *Paul Virilio*, London: Sage, 1999

Neil Leach, 'Architectural Models', in *Desiring Practices*, Katrina Ruedi, Sarah Wigglesworth and Duncan McCorquodale, (eds.), London: Black Dog Publishing, 1996

Neil Leach, 'Architecture or Revolution?', in *Beyond the Revolution*, Maggie Toy (ed.), London: Academy Editions, 1996

Neil Leach, 'Ex Ponto. . . In Pontum: Learning from the East', in *Standards and Diversity in Architectural Education*, E Scoffham and D Smigelschi (eds.), Bucharest, Romania: UNESCO European Centre for Higher Education (CEPES), 1996

Neil Leach, 'Fractures and Breaks', in *Educating Architects*, Martin Pearce, Maggie Toy (eds.), London: Academy, 1995

Neil Leach, 'San Lorenzo — Old Sacristy', dictionary entry, *International Dictionary of Architects and Architecture*, Detroit: Gale Research Inc., 1993, pp. 560-563

Neil Leach, 'San Lorenzo — New Sacristy', dictionary entry, *International Dictionary of Architects and Architecture*, Detroit: Gale Research Inc., 1993, pp. 563-564

GOVERNMENT REPORTS/MONOGRAPHS

N/A

BOOK REVIEWS

- Neil Leach, 'The Limits of Poetics' in *Building Research and Information*, 2005, pp. 1-4
- Neil Leach, 'Fredric Jameson', book review in *Harvard Design Journal*, 2001 (NPR)
- Neil Leach, K Michael Hays, *Architecture Theory since 1968*, review, *Journal of Architectural Education*
- Neil Leach, 'Gender's New Agenda', review, *Building Design*, 2 July 1999 (NPR)
- Neil Leach, 'Disputing Ethical Enigmas', review, *Building Design*, 30 May 1997 (NPR)
- Neil Leach, 'Superstar of Hyperreality', review, *Building Design*, 23 May 1997 (NPR)
- Neil Leach, 'Tales of the Metropolis', review, *Building Design*, 25 October 1996 (NPR)
- Neil Leach, 'Suddenly Last Summer', review, *Building Design*, 6 September 1996 (NPR)
- Neil Leach, 'Destined for Cult Status', review, *Building Design*, 17 May 1996 (NPR)
- Neil Leach, 'Derrida — definitely maybe', review, *Building Design*, 15 March 1996 (NPR)
- Neil Leach, 'Romania with a View', review, *Architects' Journal*, 17 August 1995 (NPR)
- Neil Leach, 'End of Year Shows', review, *Building Design*, 14 July 1995 (NPR)
- Neil Leach, 'Portrait of the Artist as an Architect', review, *Building Design*, 10 March 1995 (NPR)
- Neil Leach, 'Logical Progression', review, *Building Design*, 11 November 1994 (NPR)
- Neil Leach, 'Capitalist Cringing at Cold War 'Victory'', review, *Building Design*, 4 November 1994 (NPR)
- Neil Leach, 'Representing the Spirit of the Renaissance', review, *Building Design*, 21 Oct. 1994 (NPR)
- Neil Leach, 'Amateur Obsession', review, *Building Design*, 9 September 1994 (NPR)
- Neil Leach, 'Rethinking the Modern Movement', review, *Building Design*, 8 July 1994 (NPR)
- Neil Leach, 'Challenge to Architectural Conventions', review, *Building Design*, March 1994 (NPR)
- Neil Leach, 'Eliminating the Errors', review, *Building Design*, 18 June 1993 (NPR)
- Neil Leach, 'Man of Substance', review, *Building Design*, 19 June 1992 (NPR)
- Neil Leach, 'Sunderland Winners', review, *Building Design*, 29 March 1992 (NPR)

OTHER PUBLICATIONS

Co-editor (with Mark Millington) of a special issue on 'Reading the City' for the *Journal of Renaissance and Modern Studies*, 1996

PRESENTED PAPERS AND LECTURES

(a) KEYNOTE ADDRESSES

- 'Do Robots Dream of Digital Sheep?', Careers Fair, FIU, 6 February 2019
- 'The Future of Architecture', *The Future of Architecture and Building*, Mumbai, India, 1-2 December 2018
- 'Size Matters', Tongji University, Shanghai, China, July 2017
- 'Deleuze and the Diagram: A Curious Moment in Architectural Theory', Tongji University, Shanghai, China, July 2016
- 'City Futures', DADA Annual Conference, Tongji University, Shanghai, China, 5 July 2015
- 'Digital Tectonics', Annual Conference for Professors Teaching Digital Design, Wuhan China, 30 June 2015
- 'Adaptation', *CAAD Futures*, Tongji University, Shanghai, China, 3 July 2013
- 'Desiring Machines', *Meaning, Matter, Making*, DesForm 2012, Victoria University of Wellington, Wellington, New Zealand, 18-20 April 2012
- 'Swarm Intelligence', *Architecture: Education, Practice and Research*, BUET, Dhaka, Bangladesh, 2-4 February 2012
- 'Machinic Processes', *DigitalFUTURES*, Tongji University, Shanghai, June 2011
- 'Swarm Urbanism', *Design Education as Research Lab*, Dessau Institute of Architecture, Dessau, Germany, 7-8 July 2009
- 'The Architect as Fascist: The Curious Case of Marco Casagrande, Architect and Mercenary', *Occupations*, University of Brighton, July 1-4, 2009
- 'New Materialism', *International Association for Philosophy and Literature*, Melbourne, Australia, July 5 2008
- 'Now I am Yours', *Zagreb Festival of Subversive Cinema*, Zagreb, May 2008
- 'Digital Morphogenesis', *Symposium for Emergent Architecture*, Barcelona April 2008
- 'Camouflage', *ADSL*, Antwerp, Belgium, March 7 2008
- 'Belonging', *Mobility of the Line*, Brighton, January 2008
- 'The Problem of Beauty', *Parametric Approaches to Architecture*, Royal Danish School of Fine Art, Copenhagen, Denmark, 23 November 2007
- 'Digital Morphogenesis', *ENHSA/EAAE Teaching and Experimenting with Architectural Design*, Lisbon, Portugal, 3-5 May 2007
- 'Morphogenesis', *Conscient Probing*s, Seoul, Korea, 28 November 2006
- 'Camouflage', *Topophilia/Topophobia*, Beijing 1-3 June 2005
- 'Take Away Identities', *Take Away Cultures*, Barcelona, 2 December 2004
- 'Ecstasy', *New Agendas in Architecture*, Beirut, Lebanon, May 2004
- 'The People's House and New Romanian Identity', Bucharest, Romania, November 2003
- 'Orchid Architectures', University of Oporto, April 2003
- 'The Aesthetic Cocoon', University of Berkeley, 14 February 2003
- 'Urban Camouflage', SITAC, Mexico City, 25 January, 2003
- 'Belonging', *[Un]bounding Tradition*, IASTE, Hong Kong, December 2002
- 'Urban Attractors', *The Future of the City*, Osaka, Japan, March 2002

'Urban Camouflage', *Urban Flashes*, Taipei, Taiwan, January 2002

'The Aesthetic Cocoon' in *The Storm of Silence*, Architecture Centre, Vienna, November 2001

'Designing for a Digital World', European Association for Architectural Education, Hania, Greece, 1-4 September 2001

'Ecstasy', *Metropolis*, Barcelona, Spain, June 2001

'Capsule City', *The Generic City and the Old Metropolis*, University of Leuven, Belgium, 4-5 February 2000

'Millennium Culture', *Annual Conference, Society for Architectural Historians in Australia and New Zealand*, Launceston, Tasmania, Australia, 28 September - 1 October 1999

'Millennium Anxieties', *Architecture and Education*, University of Cali, Colombia, South America, 9-10 September 1999

(b) PAPERS

Neil Leach, 'Do Robots Dream of Digital Sheep?' *39th Annual Conference of the Association for Computer Aided Design in Architecture*, University of Texas at Austin, Texas, 2019

Neil Leach, 'We Have Never Been Digital', *38th Annual Conference of the Association for Computer Aided Design in Architecture*, Universidad Iberoamericana, Mexico, 2018

Neil Leach, 'Zoom Space: The Limits of Representation', *37th Annual Conference of the Association for Computer Aided Design in Architecture*, MIT, 2017

Neil Leach, 'Digital Tool Thinking: Object Oriented Ontology versus New Materialism', *36th Annual Conference of the Association for Computer Aided Design in Architecture*, 2016

Neil Leach, 'Emergent Interactivities: From the Primitive Hut to the Cerebral Hut', *34th Annual Conference of the Association for Computer Aided Design in Architecture*, 2014

Neil Leach, 'Temporal Agency: An Introduction', i *34th Annual Conference of the Association for Computer Aided Design in Architecture*, Toronto: Riverside Architectural Press, 2014

Neil Leach, 'Home(ostasis)', Technarte, Bilbao May 2016

Neil Leach, Behrokh Khoshnevis, Madhu Thangavelu, Anders Carlson, "Co-Robot Strategy for Lunar Settlement Infrastructure Development", AIAA Space 2012 Conference and Exhibition, AIAA, Pasadena, CA, 2012

Neil Leach, Behrokh Khoshnevis, Madhu Thangavelu, Anders Carlson, "Contour Crafting Simulation Plan for Lunar Settlement Infrastructure Build-Up", NIAC Spring Symposium, Pasadena, CA, 27-29 March 2012

'Digital Morphogenesis', *Digital Design in Landscape Architecture*, Bernburg, Germany, 31 May 2007 (NPR)

'Belonging', Zi-Zi Gallery, Tel Aviv, Israel, April 2007 (NPR)

'Digital Morphogenesis', *Bauhaus XXI*, University of Buenos Aires, Argentina, 4-8 December 2006

'Drag Space', *Theory and Trash*, UdK Berlin, Germany, November 16 2006

'Emerging Talents, Emerging Technologies', Press Event, Tsinghua University, Beijing, June 15, 2006 (NPR)

'Digital Cities', Conference on Urbanism, Changsha, China, 12 November 2005

Roundtable Discussion, *Neuland*, Bauhaus Foundation, Dessau, Germany, May 2005 (NPR)

'China', SCHOSA Conference, Ion Mincu, Bucharest, April 2005

'New Romanian Identity', Collage Europe, NAI, Rotterdam, 11 November 2004

'Digital Tectonics', TU Chur, Switzerland, 5 November 2004

'Ecstatic Architecture', A4 Forum, Beijing 22 September 2004

'Swarm Tectonics', *Urban Frenzy*, A8 Peak Forum, Beijing 20-21 September 2004

'Camouflage', *Bauhaus-Baustadt*, Bauhaus University, Weimar, June 2004

'Aesthetic Cocoon', *Serve-City*, Bauhaus, Dessau, July 2003

Roundtable Discussion, *Space Condition*, Graz, Austria, October 2002 (NPR)

'9/11', *Urban Memory*, University of Manchester, October 2002

'9/11', *Public Monuments and Private Mourning*, UWE, Bristol, March 2002

Roundtable Discussion, *Digital Tectonics*, Bath, March 2002 (NPR)

'Remembering the Wall', *Germany and its Past*, Architectural Association, London, February 2001

'Mimesis: Towards a Theory of Identification', *Housing the Unconscious*, AA, London, 2000

'Diana and the Millennium Dome', *Architecture and Sacrifice*, University of Bath, 8 May 1999

'Erasing the Traces: The 'Denazification' of Post-Apartheid South Africa', *SAVAL*, University of Witwatersrand, South Africa, 5 June 1998

'Ecstatic Spaces', *Space in Film and Literature*, University of Cork, Ireland, 24 April 1998

'Architecture, *Mimesis*, Adorno', *The Legacy of the Frankfurt School*, University of Salford, Manchester, 29 March 1998

'Erasing the Traces: The 'Denazification' of Eastern Europe', *Conference of Architectural History*, De Montfort University, Leicester, 21 June 1997

'Kitsch, Nationalism and Identity', *Aspects of Kitsch in Periods of Transition*, New Europe College, Bucharest, Romania, 22-25 March 1997

'Imperfect Buildings', *Design History Conference*, Middlesex University, December, 1996

'*Vitruvius Crucifixus*', *Symposium in Honour of Joseph Rykwert*, University of Pennsylvania, Philadelphia, USA, 29-30 March 1996

'Architectural Models, or 'Tan Hawaiian with Tanya', *Desiring Practices*, conference, London, 20 October 1995

'*Ex Ponto . . . In Pontum* (Learning from the East)', *Standards and Diversity in Architectural Education*, conference, 'Ion Mincu' School of Architecture, Bucharest, Romania, 3-4 July 1995

'Architecture and Violence: The Dark Side of the *Domus*', *Beyond the Wall: Architecture, Ideology and Culture in Central and Eastern Europe*, conference, Bucharest, Romania, 1-2 July, 1995

'Hyperreal Space', *Space Now* Symposium, School of Architecture, University of Bath, 6 May 1995

'*Sum Pius Aeneas*: Pius II, Pienza and the Myth of Troy', *Troy in the Middle Ages*, Nightingale Hall, University of Nottingham, June 1994

'Architecture, Freedom and Speech', *Berlin: City of Competitions*, Royal Academy of Arts, London, March 1994

'Fractures and Breaks', Conference on Architectural Education, University of Portsmouth, February 1994

'Pius II, Pienza and the 13th Book of the Aeneid', 3rd Annual International Neo-Latin Conference, Clare College, University of Cambridge, September 1993

'Architecture and Difference', Delich Symposium on Critical Theory, University of Nottingham, July 1993

'The Problem of Architectural History', History in Schools of Architecture, University of Nottingham, May 1993

CREATIVE WORKS

(a) EXHIBITIONS

Neil Leach, Oliver Froome-Lewis, Katja Hock, Nicola Worton, *Mars Pants: Covert Histories, Temporal Distortions, Animated Lives*, London, The Architecture Foundation, October 2000 – January 2001. This was an exhibition of photography, writing and design

(c) INSTALLATIONS/DESIGNS

Behrokh Khoshnevis, Neil Leach, Madhu Thangavelu, Anders Carlson, 'Contour Crafting Simulation Plan for Lunar Settlement Infrastructure Build-Up', supported by NASA Innovative Advanced Concepts Fellowship, 2013

'Minimal Relaxation', installation (with Alvin Huang, Philip Yuan and Wendy Fok), Museum of Contemporary Art, People's Park, Shanghai, China, 3 August – 20 September

'Swarm Tectonics', installation (with Kristina Shea and Spela Videcnik), Academie van Bouwkunst, Amsterdam, June 20-29 2002

WORKS IN PROGRESS

Neil Leach, Behnaz Farahi, Philip Yuan (eds.), *Interactive Futures*, Shanghai: Tongji UP (under contract)

Neil Leach, *The AI Design Revolution: Architecture in the Age of Artificial Intelligence*, London: Bloomsbury Publishing (under contract)

Neil Leach, *The Death of the Architect: Architecture in the Age of Artificial Intelligence*, London: Bloomsbury Publishing (under contract)

Neil Leach, *The Politics of Space*, London: Routledge (under contract)

Neil Leach (ed.), *Rethinking Architecture*, (2nd edition), London: Routledge (under contract)

Neil Leach, Matias del Campo (eds.), "Machine Hallucinations: Architecture and AI," *Architectural Design* (under review)

FUNDED RESEARCH

FIU CARTA Interdisciplinary Seed Grant: \$5000 for 'Scripting Coral Growth', 2017, Neil Leach (PI – Architecture) with Hwang Yi (Architecture), Anthony Bellantuono (Biological Sciences), Colin Foord (Coral Morphologic) and Albert Elias (Architecture)

NASA Innovative Advanced Concepts Phase 2 Award: \$500,000 for "ISRU-Based Robotic Construction Technologies for Lunar and Martian Infrastructure", 2012 (co-recipient with Behrokh Khoshnevis (PI), Madhu Thangavelu, Anders Carlson)

NASA Innovative Advanced Concepts Phase 1 Award: \$100,000 for "Contour Crafting Simulation Plan for Lunar Settlement Infrastructure Build-Up", 2011 (co-recipient with Behrokh Khoshnevis (PI), Madhu Thangavelu, Anders Carlson)

James H Zumberge Foundation Research and Innovation Fund: \$10,000 for 'Design Intelligence', 2010 (co-recipient with Anne Balsamo, University of Southern California)

RIBA Future Studies, RIBA, London: £10,000 for organization of conference and book, *Digital Tectonics*, University of Bath, March 2002 (co-recipient with Prof David Turnbull and Chris Williams)

RIBA Future Studies, RIBA, London: £43,000 for organization of conference and book, *E-Futures: Designing for a Digital World*, Royal Institute of British Architects, London, 11 June 2001 (principal organizer)

Graham Foundation, Chicago, USA: \$3000 for illustrations to Neil Leach, *Camouflage*, Cambridge, MA: MIT Press, 2006 (sole recipient)

Soros Foundation for a Free Society, \$5000 for the conference and book, 'Beyond The Wall', Bucharest, Romania, 1995 (co-recipient with Ms Mariana Celac, Union of Romanian Architects)

British Council, £750 for the conference and book, 'Beyond The Wall', Bucharest, Romania, 1995 (co-recipient with Ms Mariana Celac, Union of Romanian Architects)

GRANTS

3D Systems, \$6000, for costs of 3D printing, Digital Futures, Shanghai, 2017

3D Systems, \$4000, for costs of 3D printing, Digital Futures, Shanghai, 2016

AECOM, \$5000 for the 'XXL: Super Tall Buildings' AAC Conference, CAUP, Tongji University, Shanghai, 16 June 2012

Haworth, \$5000 for the 'XXL: Super Tall Buildings' AAC Conference, CAUP, Tongji University, Shanghai, 16 June 2012

Gensler, \$5000 for the 'XXL: Super Tall Buildings' AAC Conference, CAUP, Tongji University, Shanghai, 16 June 2012

RTKL, \$5000 for the 'XXL: Super Tall Buildings' AAC Conference, CAUP, Tongji University, Shanghai, 16 June 2012

Lippo Group, \$5000 for the 'XXL: Super Tall Buildings' AAC Conference, CAUP, Tongji University, Shanghai, 16 June 2012

Eddie Wang, \$1000 for the 'XXL: Super Tall Buildings' AAC Conference, CAUP, Tongji University, Shanghai, 16 June 2012

Hewlett Packard, \$5000 for 'DigitalFUTURE' Exhibition, CAUP, Tongji University, Shanghai, 2011 (co-recipient with Philip Yuan)

Vizio, \$3000 for 'DigitalFUTURE' Exhibition, CAUP, Tongji University, Shanghai, 2011 (co-recipient with Philip Yuan)

Urban Environment Design: \$5000 for 'Machinic Processes' Conference, 16 October 2010, Beijing, China (co-recipient with Prof Xu Weiguo, Tsinghua University)

Guangzhou Kanxun Trading Company: \$10,000 for 'Machinic Processes' Exhibition, 15 October 2010, 798 Space, 798, Beijing, China (co-recipient with Prof Xu Weiguo, Tsinghua University)

L G Hausys: \$5,000 for 'Machinic Processes' Exhibition, 15 October 2010, 798 Space, 798, Beijing, China (co-recipient with Prof Xu Weiguo, Tsinghua University)

Spanish Ceramic Tile Manufacturer's Company: \$15,000 for 'Machinic Processes' Exhibition, 15 October 2010, 798 Space, 798, Beijing, China (co-recipient with Prof Xu Weiguo, Tsinghua University)

National Science Foundation of China: \$20,000 for '(Im)material Processes: New Digital Techniques for Architecture' exhibition, Architecture Biennial Beijing, 2008 (co-recipient with Prof Xu Weiguo, Tsinghua University)

Autodesk, China: \$5,000 for '(Im)material Processes: New Digital Techniques for Architecture' conference, Architecture Biennial Beijing, 2008 (co-recipient with Prof Xu Weiguo, Tsinghua University)

Archi-100 Publishing House, Beijing: \$50,000 for 'Emerging Talents, Emerging Technologies' exhibition and conference, Architecture Biennial Beijing, 2006 (co-recipient with Prof Xu Weiguo, Tsinghua University)

Beijing Guanghuaxuan Real Estate Development Company: \$100,000 for A2 Exhibition of Avant-Garde Architecture, Architecture Biennial Beijing, 2004 (co-recipient with Prof Xu Weiguo, Tsinghua University)

Arup Foundation, London: £1,000 for organization of conference, *Digital Tectonics*, University of Bath, March 2002 (co-recipient with Prof David Turnbull and Chris Williams)

Happold Trust, Bath: £3,000 for organization of conference, *Digital Tectonics*, University of Bath, March 2002 (co-recipient with Prof David Turnbull and Chris Williams)

Rodeca Systems, Euro 10,000 for installation, Akademie van Baukunst, Amsterdam, June 2002 (principal organizer)

NEC Group, \$5000 for the conference, 'Beyond The Wall', Bucharest, Romania, 1995 (co-recipient with Ms Mariana Celac, Union of Romanian Architects)

PROPOSALS SUBMITTED BUT NOT FUNDED

N/A

PATENT DISCLOSURES, APPLICATIONS, AND AWARDS

N/A

PROFESSIONAL HONORS, PRIZES, FELLOWSHIPS

Elected as an academician by the Academy of Europe, Europe's most prestigious scholarly academy that includes over 50 Nobel Prize Laureates, 2015

NASA, Innovative Advanced Concepts Phase 2 Fellowship, 2012-2013

NASA, Innovative Advanced Concepts Phase 1 Fellowship, 2011-2012

Awarded DAAD Professorship, Anhalt University, Dessau, Germany, 2003-2007

Awarded VELUX Professorship, Royal Danish School of Fine Art, 2004

European Association for Architectural Education [EAAE], first prize for the article, 'The Door: Towards an Architecture of Interdisciplinarity', 1997

OFFICES HELD IN PROFESSIONAL SOCIETIES

Director, American Academy in China [AAC], 2011-2014

Member, Royal Institute of British Architects 'Building Futures' Think Tank, 2000-2004.

Member, Peer Review College, Arts and Humanities Research Council, UK, 2007-2010

Referee, Arts and Humanities Research Board, UK 2004-2006; 2008

Referee, NESTA, Global Innovation Foundation, UK, 2007

Referee, Architectural Research Quarterly, 2002, 2018

Member, editorial board of the *Journal of Renaissance and Modern Studies*, 1996-2000

Registered Architect, Architects Registration Board, UK; registration number 055898B, 1989

OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

MEMBERSHIP OF JUDGING PANELS

UIA Student Design Competition, Tianjin, China	2018
DADA Student Design Competition, Beijing, China	2013
Architecture Biennial Beijing, Student Design Competition	2004
Chi Chi Earthquake Memorial Design Competition, Taiwan	2004
International Student Competition, A2 Pavilion, Architecture Biennial Beijing	2004
European Association for Architectural Education Prize	2002
Royal Institute of British Architects Dissertation Medal	1997-2001

WORKSHOP LEADER

Jazz Urbanism: AI workshop (with Claudiu Barsan-Pipu), Tongji University, Shanghai, June-July 2019

Cellphone City (with Professor Lu Xinghua, Yan Chao), Tongji University, Shanghai, June-July 2018

Body Architecture: 3D Printed Wearables (with Behnaz Farahi), Tongji University, Shanghai, June-July 2017

Body Architecture: 3D Printed Wearables (with Behnaz Farahi), Tongji University, Shanghai, June-July 2016

Theory Workshop, BioDigital Masters Program, UIC, 2015

Theory Workshop, BioDigital Masters Program, UIC, 2014

Computational Design Workshop, NUST, Pakistan, 2013

Theory Workshop, BioDigital Masters Program, UIC, 2013

AAC Shanghai Computation and Fabrication Workshops, 2011-2014

Computation Workshop, Cluj, Romania, 2010

Computation Workshop, Lodz, Poland, 2007

Project leader for 'Architect Parachutists' one week urban design workshop, Vinitsa, Ukraine, organized by Center for Contemporary Architecture, Moscow, 2007

Design Workshop, Ion Mincu, Bucharest, Romania, 2006, 2007

MPhil/PhD EXAMINER

Architectural Association, May 1998

University of Hong Kong, Nov 1998

University of Bath, Nov 1998

Technical University, Istanbul, May 1999

Glasgow School of Art, Feb 2002

London Consortium, June 2004

Newcastle University, Dec 2006

T U Delft, May 2011

OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

(b) Exhibition Curatorship

Neil Leach, Philip Yuan (curators), 'Architectural Intelligence', CAUP Exhibition Space, Tongji University, Shanghai, China, July 2019

Neil Leach, Philip Yuan (curators), 'Cyborg Futures', CAUP Exhibition Space, Tongji University, Shanghai, China, July 2018

Neil Leach, Philip Yuan (curators), 'Materialization v Visualization', CAUP Exhibition Space, Tongji University, Shanghai, China, July 2017

Neil Leach, Philip Yuan (curators), 'Diagrammatic Thinking', CAUP Exhibition Space, Tongji University, Shanghai, China, July 2016

Neil Leach, Philip Yuan (curators), 'DigitalFUTURES 2016', CAUP Exhibition Space, Tongji University, Shanghai, China, July 2016

Neil Leach, Xu Weiguo (curators), 'Digital Factory: Advanced Computational Research', CAUP, Tongji, July 2015.

Neil Leach, Philip Yuan (curators), 'DigitalFUTURES 2015', CAUP Exhibition Space, Tongji, July 2015

Neil Leach, Philip Yuan (curators), 'DigitalFUTURES 2014', CAUP Exhibition Space, Tongji, July 2014

Neil Leach, Xu Weiguo (curators), 'Design Intelligence: Advanced Computational Research', 798, Beijing, 28 September 2013

Neil Leach, Philip Yuan (curators), 'DigitalFUTURES 2013', CAUP Exhibition Space, Tongji, July 2013

Neil Leach, Philip Yuan (curators), 'Interactive SHANGHAI', CAUP Exhibition Space, Shanghai, 9 August 2013

Neil Leach, Philip Yuan (curators), 'DigitalFUTURES 2012', CAUP Exhibition Space, Tongji, July 2012

Neil Leach, Philip Yuan (curators), 'DigitalFUTURES', CAUP Exhibition Space, Shanghai, 2011

Neil Leach, Roland Snooks (curators), 'Swarm Intelligence: Architectures of Multi-Agent Systems', HKU Exhibition Space, Shanghai, 2010

Neil Leach, Xu Weiguo (curators), 'Machinic Processes', 798 Space, Beijing, Architecture Biennial Beijing 2010

Neil Leach, Xu Weiguo (curators), '(Im)material Processes: New Digital Techniques for Architecture', 798 Space, Architecture Biennial Beijing 2008

Neil Leach, Xu Weiguo (curators), 'Emerging Talents, Emerging Technologies', Architecture Biennial Beijing 2006

.

Neil Leach, Xu Weiguo (curators), 'Fast Forward>>', A2 Exhibition of Avant-Garde architecture at the Architecture Biennial Beijing 2004

Neil Leach, Xu Weiguo (curators), 'Under Construction', Exhibition of Architecture Beijing Biennial 2004, Shchusev Architectural Museum, Moscow, Russia, August-September 2004

(a) Conference Organization

Neil Leach, Philip Yuan (organizers), 'Architectural Intelligence', CAUP, Tongji, 7-8 July 2019

Neil Leach, Philip Yuan (organizers), 'Cyborg Futures, CAUP, Tongji, 8 July 2018

Neil Leach, Philip Yuan (organizers), 'Visualization v Materialization', CAUP, Tongji, 2 July 2017

Neil Leach, Philip Yuan (organizers), 'Diagrammatic Thinking', CAUP, Tongji, 2 July 2016

Neil Leach, Xu Weiguo (organizers), 'Digital Factory: Advanced Computational Research', CAUP, Tongji, 5 July 2015

Neil Leach, Philip Yuan (organizers), 'DigitalFUTURES 2015, CAUP, Tongji, 4 July 2015

Neil Leach, Regina Bittner, Alfred Jacoby (organizers), 'Walter Gropius and the Legacy of the Bauhaus', Bauhaus, Dessau, 8 March 2015

Neil Leach, Philip Yuan (organizers), 'DigitalFUTURES 2014, CAUP, Tongji, 3 July 2014

Neil Leach, Philip Yuan (organizers), 'Interactive SHANGHAI', Shanghai, 9 August 2013

Neil Leach (organizer), '3-D Printing in Concrete: Terrestrial and Extraterrestrial Applications', Dessau, 22 June 2013

Neil Leach, Philip Yuan (organizers), 'XXL – Super Tall Buildings', Tongji University, Shanghai, 16 June 2012

Neil Leach, Philip Yuan (organizers), 'DigitalFUTURES', Shanghai, 24 June 2011

Neil Leach, Xu Weiguo (organizers), 'Machinic Processes', Beijing, 16 Oct 2010

Neil Leach, Roland Snooks (organizers), 'Swarm Intelligence: Architectures of Multi-Agent Systems', Austrian Pavilion, EXPO, Shanghai, July 2010

Neil Leach, Roland Ritter (organizers), 'Intensive Fields', USC, 12 Dec 2009

Neil Leach, Xu Weiguo (eds.), '(Im)material Processes: New Digital Techniques for Architecture', Beijing, October 2008

Neil Leach, Alfred Jacoby (organizers), 'Digital Cities', Dessau, Germany, 9 June 2007.

Neil Leach, Xu Weiguo (organizers), 'Emerging Talent', Design Forum, Beijing Architecture Biennial, 26-27 September 2006.

Neil Leach, Xu Weiguo (organizers), 'Urban Frenzy', A8 Peak Forum, Beijing Architecture Biennial, 21-22 September 2004.

Neil Leach, David Turnbull, Chris Williams (organizers), 'Digital Tectonics', University of Bath, March 2002.

Neil Leach (organizer), 'E-Futures: Designing for a Digital World', Royal Institute of British Architects, London, 11 June 2001

Neil Leach, Mark Cousins (organizers), 'Housing the Unconscious', Conference on Architecture and Psychoanalysis, Architectural Association, May 2000

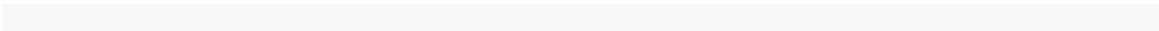
Neil Leach, Mariana Celac (organizers), 'Beyond the Wall: Architecture, Ideology and Culture in Central and Eastern Europe', international conference, Bucharest, Romania, 1-3 July 1995

(b) Conference Chair

Neil Leach, 'Changing Identities in China', Roundtable Discussion involving Patrik Schumacher, Philip Yuan, Matias Del Campo, Sandra Manninger, and Behnaz Farahi in 'Identities for a Changing World', Palazzo Widmann, Venice Biennale, Italy, 25 May 2018

Neil Leach, 'Generative Robotics' in *ACADIA 2016: Posthuman Frontiers: Data, Designers and Cognitive Machines*, 36th Annual Conference of the Association for Computer Aided Design in Architecture, Ann Arbor, Michigan, USA, October 2016

Neil Leach, 'Technarte 2016', Los Angeles, November 2016



ALICE GRAY READ

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EDUCATION

Ph.D., University of Pennsylvania, Architecture, 1998
M. ARCH, University of Pennsylvania, Architecture, 1980

PROFESSIONAL REGISTRATION

Architect, Commonwealth of Pennsylvania, RA-010517

PUBLICATIONS

Books

Climate: History and Future by Powers of 10 (completed manuscript) 2019. Website:
www.climatex10.net

Modern Architecture in Theater: The Experiments of Art et Action, Palgrave Press, Pivot
Series, 2014

*The Miniature and the Gigantic in Philadelphia Architecture: Essays on Designing the City to
Human Scale*, Edwin Mellen Press, 2007.

Edited Books

With Marcia Feuerstein, *Architecture as a Performing Art*, Ashgate Press, April 2013

Chapters in Books

“Vernacular design in hot and humid cities of the Southeastern US” in *Habitat: Vernacular
Architecture for a Changing Planet*, Sandra Piesik ed. (Thames & Hudson), 2016.

“Paideia, Theater of Discussion” in Marcia Feuerstein and Gray Read eds., *Architecture as a
Performing Art*, Ashgate Press, April 2013.

“Public Space as Theatre in Multiple Miamis” in *Miami Modern Metropolis: Mid-Century
Architecture and Urbanism*, Allan Shulman ed. (Bass Museum of Art, 2009), pp.60-81.

Four Case Studies in the same volume: *Miami Modern Metropolis: Mid-Century Architecture
and Urbanism*, Allan Shulman ed. Bass Museum of Art, 2009.

“The Bacardi Building: Rum, Revolution and the Crafting of Identity” pp.178-183

“The Center in the Middle of Nowhere: Miami Dade Junior College South Campus”
pp.250-254

“Schools and Classrooms: Open and Closed” pp.256-261

“Spiritual Landscapes: Progressive Churches and Synagogues” pp.268-275

“Aragon’s Armoire” in Thomas Mical ed. *Architecture and Surrealism* London: Routledge
Press, 2004 pp. 31-40.

Articles in Professional Journals

“Theatre of Public Space: Architectural Experimentation in the Théâtre de l’espace, Paris, 1937” *Journal of Architectural Education* 58 No. 4, (May, 2005), pp. 53-62

“The Bacardí Building in Miami: Rum and Revolution” *AULA* 3 (2002), pp. 28-35

“Time and Materials: Eileen Gray and the Craft of Lacquer” *Journal of Potential Architecture* (2001) online journal: <http://www.waac.vt.edu/paj/>

“Le Corbusier's 'Ubu' sculpture: remaking an image” *Word & Image* 14 No.3 (July-Sept. 1998) pp. 215-226

“Monticello's Dumbwaiters” *Journal of Architectural Education* 48 No. 3 (Feb. 1995) pp. 169-75

“Making a house a home in a Philadelphia neighborhood” *Perspectives in Vernacular Architecture II*, ed. Camille Wells. Columbia: Univ. of Missouri Press, (1986) pp.192-9

Papers in Conference Proceedings

“Memory Mapping, Storytelling, and Climate Justice” *Proceedings of the 97th ACSA Annual Conference*, forthcoming, March 2020

“Spatial Theatre for Architects” *DRAMATIC ARCHITECTURES. Theatre and Performing Arts in Motion, Proceedings*, forthcoming, April, 2020.

“The Eye of the Bricoleur”, *The Ethical Imperative: Proceedings of the 95th ACSA Annual Conference*, March 2018

"L'Appel des banlieues: Miami, entre mobilité et multiculturalisme" *Lieux Communs, Les cahiers du LAUA, L'Altérité entre condition urbaine et condition du monde (LAUL, 2009)*

“Two Tales of Infrastructure and Architecture in Philadelphia” *Fresh Air: Proceedings of the 95th ACSA Annual Conference*, Philadelphia, 2007 pp.252-256

“Architecture and Drama: The Theatre of Public Space” *Proceedings of the Livable Cities Conference, Portland, Oregon, 2007* pp. 106-110

“Encounters in Public Space: Miami in the 1950s” *Proceedings of the ACSA International Conference, Mexico City, 2005* pp.394-399

“Eileen Gray and the Slow Craft of Lacquer” *Proceedings of the ACSA International Conference, Helsinki, 2003*, pp.

“The Bacardí Building in Miami” *Architecture, Culture, and the Challenge of Globalization: Proceedings of the ACSA International Conference, Havana, 2002*, pp. 67-71

“Measures and Wishes” *Proceedings of the 87th ACSA Annual Meeting* (1999) pp. 23-25.

“Fictional Images of Real Places in Philadelphia Novels and Films” *Constructing Identity: Proceedings of the 86th ACSA Annual Meeting* (1998) pp. 598-601.

“OuLiPo, architecture and the practice of creative constraint” *Proceedings of the 86th ACSA Annual Meeting* (1998) pp. 190-194

“Le Corbusier’s “Ubu” sculpture: monster or god” *Proceedings of the 81st Annual Meeting of the ACSA*, (1993) pp. 144-149

Book Reviews

Review of: Marco Frascari, *11 Exercises in Architectural Drawing: Slow food for the Imagination*, In *Journal of Architectural Education* 67 No. 2 (October, 2013), pp. 317-9

“Winning the Peace: Esther Charlesworth, *Architects Without Frontiers: War, Reconstruction and Design Responsibility*” *Journal of Architectural Education* 61 No. 3, (February, 2008), pp.62-63

Review of: McLeod, Mary ed. *Charlotte Perriand: An Art of Living* and Perriand, Charlotte, *Charlotte Perriand: A Life of Creation*. In *Journal of Architectural Education* 58 No. 4, (May, 2005), pp.66-68

Style and Substance” Jackson, Neil “*California Modern: The Architecture of Craig Ellwood*” and Alofsin, Anthony, “*The Struggle for Modernism*” *Society of Architectural Historians Journal* 64:1 pp. 116-118

“The Buried Past” *Society of Architectural Historians Journal* 54 No.1 (1995) pp.85-86

“Vernacular and high style exchanges” *Vernacular Architecture Newsletter* 61 (1994) pp. 12-14

LECTURES, PRESENTATIONS, AND EXHIBITIONS

Public Lectures

“Second Landscape: Proposal for the roofs of Miami” Fall Semester Symposium, Oct 9, 2014

"Natural and Industrial History of Edinburgh" and "Dark and light in the contemporary architecture of Oslo" Lectures on board Oceana cruise June 12 & 20, 2011.

"L'Appel des banlieues: Miami, mobilité et multiculturalisme" *Là où le mondes se touche*, École regionale des beaux arts de Nantes, 5 March 2009

“Museum Architecture + The Social Life of Cities: Herzog & de Meuron’s MAM in Context” Miami Art Museum, Closing lecture for exhibition of “Herzog & de Meuron, Miami Art Museum,” 6 April 2008

Invited Lectures at Universities

“Buildings as Actors: Performing in a City near you” Marywood University, Scranton, PA April 15, 2015

"Architecture as a Performing Art" University of Pennsylvania PhD Program Lecture Series, 11 November 2012

“Theatre of Public Space” FIU School of Architecture Evening Lecture Series, 8 Sept. 2005

“Eileen Gray and the Slow Art of Design” Women’s History Month Celebration of Women in Technology, Miami Dade College, March, 2005

“Architecture, Improvisation and Public Space” Washington-Alexandria Architecture Consortium, Virginia Polytechnic Institute, March, 2004

“Theater and the Architecture of the City Street, Paris 1920s” University of California, Berkeley, February, 2003

“Architectural Experience in Theatrical Space: Art et Action” Wolfsonian Research Fellows Presentation, April, 2002

“The Journey of Monticello’s Dumbwaiters: Above and Below the Beltcourse” University of Texas at Austin, September, 1995

Paper Session Chair

"Architecture and Performance" Association of Collegiate Schools of Architecture, Montreal, 2011

“Theatre and the City Street” Society of Architectural Historians Annual Meeting, Providence, April 2004

“Building Rural Economies” Vernacular Architecture Forum, Annual Meeting, Harrisburg, May 2004

“Public Places and Private Rooms” Vernacular Architecture Forum, Annual Meeting, Saint Pierre and Miquelon, France, June 2003

Selection of Conference Presentations

“Spatial Theatre for Architects” Dramatic Architectures, Theatre and Performing Arts in Motion, Arqdrum Conference, Porto, Portugal, April, 2020

“Memory Mapping, Storytelling, and Climate Justice” Association of Collegiate Schools of Architecture, National Conference, March 2020

“The Eye of the Bricoleur” Association of Collegiate Schools of Architecture, National Conference. March 2018

“Morris Lapidus and the Age of the Showgirl” Southeastern Society of Architectural Historians Annual Conference, October 2015

“Stories in Section” video presented at Confabulations: Storytelling in Architecture, Frascari Symposium, Washington Alexandria Architecture Consortium, 2014

“Two Tales of Infrastructure and Architecture in Philadelphia” ACSA Annual Conference, Philadelphia, March, 2007

“Architecture and Drama: The Theatre of Public Space” Livable Cities Conference, Portland, Oregon, June, 2007

“Protest and Performance in Public Space: Miami, Florida in the 1950s” Vernacular Architecture Forum Annual Conference, NYC, June 2006

“The Theatre of the Book, Space for Display and Commentary” paper given the Wolfsonian Museum Workshop, “Agendas of Design in the Modern World” Dec. 2005

“Encounters in Public Space: Miami in the 1950s” ACSA International Conference, Mexico City, June, 2005

“Radio Theatre: Worth Watching?” Conference on Synaesthesia, Penn State University, October 2003

“Eileen Gray and the Slow Craft of Lacquer” ACSA International Conference, Helsinki, 2003

“The Bacardi Building: Crafting an Identity” ACSA International Conference, Havana, 2002

“Time and Materials: Eileen Gray, Lacquer and Architecture” Alchemy and Architecture Conference, Washington/Alexandria Architecture Consortium, 2001

"Two Acts of History in Philadelphia" SAH Annual Conference, Miami, June, 2000

"The Fall of the House of Usher: A Parable of the Post-Colonial Landscape" ACSA Regional Conference, San Juan, Puerto Rico, 1999

"OuLiPo, Architecture and the Practice of Creative Constraint" *Imagining a Common Ground for Theory and Practice*, Ph.D. Student Conference, University of Pennsylvania, 1997

“Fictional Images of Philadelphia” Vernacular Architecture Forum Annual Conference, 1997

“City Scale, City Dimensions” Critical Urbanism, ACSA Northeast Regional Conference, 1995

“Form and Meaning in Le Corbusier's 'Ubu' Sculpture” SAH Annual Meeting, 1988

“House Renovation in a Philadelphia Neighborhood” Vernacular Architecture Forum Annual Conference, 1984

Panel Discussions

Panel Discussion preceding performance of Shakespeare’s “The Taming of the Shrew” with Prof. Phillip Church, FIU, Prof. Marilyn Skow, FIU and Dr. Laurie Ossmon, Vizcaya, at Vizcaya Village Garage, Aug. 2005

Exhibitions

“Climate: History and Future by Powers of 10”, *Projections, Faculty Exhibition*, Miami Beach Urban Studios, FIU, November 2019.

Modern Beauty: The Aesthetics of Perceptual Simultaneity, Frost Museum of Art, January – April 2014. Teaching exhibition of materials from the Wolfsonian/FIU Museum funded by grant from Mellen Foundation.

Re:(Collect) Art Center/South Florida, November, 1999 (I was one of four artists). I exhibited three art books: “Book Building” (collection of Lou Ann Colodny), “Book of Keels (Private Collection)” and “Horizon” (Collection of Richard and Ruth Shack)

Interiors and Exteriors Art Center/ South Florida, October, 1999. (Curator and Exhibitor)

“Reflection Box” 924 Gallery, Art Center/ South Florida, December, 1998

“Book of Keels,” *ARCHItecture*, Philadelphia Art Alliance, Summer, 1997

“Sketches” exhibited as part of a symposium in honor of Joseph Rykwert, *Body and Building*, University of Pennsylvania, March, 1996. These drawings also appeared in Dodds, George ed. *Body and Building*, MIT Press, 2004

“Skewed Window” Sculpture built for an outdoor show, *Spirit of Place*, Huntington, Vermont, July, 1995. This piece was then moved to *Sculpturefest*, Woodstock, Vermont, August and September 1995. It was again exhibited at *Art OMI, Outdoor Sculpture Show*, Omi, NY May through August 1996 and included in their publication

GRANTS AND AWARDS

CARTA Faculty Development Grant, with Daniel Blaeuer, 2016

Cejas Award, Department of Architecture, 2013

FIU Faculty Senate Excellence in Teaching Award, 2007

Cejas Award, Department of Architecture, 2006

Provost’s Office and FIU Foundation Summer Research Minigrant, Summer, 2002

Wolfsonian Museum Research Fellowship, Summer, 2001

Honorable Mention, Women in Military Service Competition, 1988, Bemiss & Read, Architects

West Bank Bikeway development award, 1994 Powelton Village Community Association

PROFESSIONAL SERVICE

Offices held in Professional Organizations

Publications Committee, ACSA, 2016

Board Member, Vernacular Architecture Forum 2004-6

Membership in Professional Organizations

Society of Architectural Historians

Vernacular Architecture Forum

Public Service

Organizer, South Miami Community Conversations on Climate Change and Sea Level Rise, 2016

Chair, South Miami Green Task Force, 2008 - 2012

The Green Task Force has developed a Green Plan for South Miami, established a workshop series on sustainable planning and started a farmers market.

Powelton Village Community Association – West Philadelphia 1994

DAVID RIFKIND

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EDUCATION

2007 **Columbia University**

Doctor of Philosophy

Dissertation: «*Quadrante*» and the Politicization of Architectural Discourse in Fascist Italy (Professor Mary McLeod, advisor)

Master of Philosophy, 2001

1997 **McGill University**

Master of Architecture (History and Theory).

Thesis: *The All-but Architecture of Richard Serra* (Professor Alberto Pérez-Gómez, advisor)

1992 **Boston Architectural Center**

Bachelor of Architecture

TEACHING

2007-present **Florida International University**

Interim Chair, Landscape Architecture + Environmental and Urban Design (May 2017 –December 2019)

As Interim Chair, I was responsible for strategic planning and program development, professional accreditation, budgeting, and leading the department's faculty and staff. I developed the department's study abroad programs, expanded experiential learning opportunities, and inaugurated partnerships with local governmental agencies and non-profit organizations. Curricular initiatives included creating a 4+2 program and beginning to develop an MLA program in Bangalore, India. As Interim Chair I increased enrollment 33% in one year through expanded recruitment, achieved 100% retention of first-year students, and improved post-graduation employment rates. I was responsible for hiring six adjunct instructors, successfully arranged to promote two adjuncts to full-time instructors, and successfully lobbied the Dean's office to convert an Instructor position to a tenure-track Assistant Professor.

Associate Dean of Students (August 2015 – May 2017)

As Associate Dean I was responsible for measuring and improving student success in line with the university's performance funding metrics. Responsible for recruitment, retention, graduation, employment and other aspects of students' academic and professional success.

Associate Professor (promoted from Assistant Professor in 2013)

Tenured appointment teaching architectural history, theory and design in the College of Communication, Architecture + the Arts. Courses developed and taught include the undergraduate lectures History of Design from Antiquity to the Enlightenment and History of Design in the Nineteenth and Twentieth Centuries, the Pedagogy and Historiography graduate seminars, and undergraduate & graduate seminars, including Metropolitan Africa and Modern Architecture: Projects and Polemics. Organized the 2008 and 2009 Paul L. Cejas Eminent Scholar Seminar courses with Bernard Tschumi and Jeffrey Kipnis, respectively. Co-taught Studies in Visual and Material Culture with Dennis Doordan, 2010. Co-developed and co-taught the Paris-Milan travel studio in 2014 and 2015. Taught fourth semester design studio in 2013 and 2014. Developed and led the summer introduction to architecture program for high school students in 2013 and 2014. Developed online version of history survey course. Awarded tenure in June 2013.

2015 **Ethiopian Institute of Architecture, Building Construction and City Development**

Visiting Instructor: A Global History of Contemporary Architecture

History seminar on global architecture for graduate students in architecture.

2005-2007 **University of Virginia**

Lecturer in Architectural History

Two-year appointment in the department of architectural history. Courses included the undergraduate lectures A Survey of Modern Architecture (fall 2005 and fall 2006) and Architecture: Renaissance to Modern (spring 2006 and spring 2007), and the graduate seminars Architecture and Design in Modern Italy (fall 2005), The Cultural Production of Architecture (spring 2006) and Architecture and Landscape Treatises in the Age of Enlightenment (spring 2007). I supervised two MA theses and served on the committees of six other architecture MA theses, two PhD dissertations, and one art history MA thesis.

2005 **Cooper-Hewitt, National Design Museum**

Instructor: Designing Modern Italy

History seminar on 20th-century Italian design (with special emphasis on furniture and industrial design) for graduate design history students.

2002-2005 **Parsons School of Design**

Instructor: Theory of Architectural Form (three semesters)

Introductory theory seminar for graduate architecture students.

Instructor: The Cultural Production of Architecture (one semester)

Advanced history and theory seminar for graduate architecture students.

1997-2004 **Columbia University**

Teaching Fellow: Art Humanities – Masterpieces of Western Art (five semesters)

Undergraduate core curriculum class introducing students to the critical study of art.

Instructor: Modern Architecture in Italy (two semesters, with Lucy Maulsby)

Graduate seminar on Italian architecture and culture from 1902-1943.

Assistant Studio Instructor: Yehuda Safran studio (one semester)

Studio design critic for 3rd-year graduate students.

Preceptor: Architectural History I & II (six semesters), American Architecture (two sems.)

Taught sections and graded student papers in Columbia's history sequence for graduate students.

2000 **New York Institute of Technology**

Professor: Survey II – Architectural History, 1400-2000

Undergraduate survey of western architectural history from the Renaissance through the present.

1999, 2000 **Barnard College**

Instructor: The City Takes Shape: Modern Architecture and New York

Taught high-school students in Barnard's summer Pre-College Program on reading New York, and other world cities, as a palimpsest of texts in which cultural histories are written as architecture.

1991-4 **Boston Architectural Center**

Instructor: Aspects of the Contemporary City (one semester, with Santiago Perez)

Design studio for 3rd-, 4th- & 5th-year undergraduate students.

Teaching Assistant: Thesis Seminar (three semesters)

Reviewed and critiqued students' thesis proposals, counseled students individually and helped modify the thesis program to better support independent research.

Critic: Thesis

Invited critic for six thesis students over two years.

1994-present **Florida International University, University of Miami, University of Florida, Southern Polytechnic, University of Virginia, Columbia University, Pratt Institute, University of Michigan, Carleton University, City University of New York, New York Institute of Technology, Carnegie Mellon University**
Invited guest critic for graduate and undergraduate architectural design studios.

PUBLICATIONS: BOOKS

- 2012 ***The Battle for Modernism: Quadrante and the Politicization of Architectural Discourse in Fascist Italy***
Centro Internazionale di Architettura di Andrea Palladio and Marsilio Editori, 2012.
Manuscript was awarded the 2011 Premio James Ackerman by the CISA Palladio.
- 2014 ***A Critical History of Contemporary Architecture, 1960-2010***
Co-edited an anthology of writings on contemporary architecture with Elie Haddad (Lebanese American University), Ashgate, 2014. Second printing 2016. Chinese translation planned October 2017.
- in progress ***Modern Ethiopia: Architecture, Urbanism and the Building of a Nation***
Monographic text on the role of the built environment in the construction of Ethiopian identity, beginning with the reign of Menelik II and the founding of Addis Ababa.
Research funded by Graham Foundation (see below) and supported by a sabbatical leave in 2014-15.

PUBLICATIONS: BOOK CHAPTERS

- 2019 **Technical Diplomacy: Ethio-Swedish Institute of Building Technology**
chapter in *Radical Pedagogies*, Beatriz Colomina and Ignacio Galan, eds., Sternberg, 2019.
- 2018 **A Careful Misreading of Precedent: Politics and Transparency in the work of Lina Bo Bardi**
chapter in *Terms of Appropriation: Essays on Architectural Influence*, Amanda Lawrence and Ana Miljacki, eds., Routledge, 2018.
- 2017 **The Radical Politics of Marble in Fascist Italy**
chapter in *Radical Marble*, Nick Napoli and Bill Tronzo, eds. Routledge, 2018.
- 2017 **Enrico Prampolini, Architect**
chapter in *Enrico Prampolini. Futurism, Stage Design and the Polish Avant-Garde Theatre*, Przemek Stozek, ed. Muzeum Sztuki Lodz, 2017.
- 2015 **Colonial Cities at the Crossroads: Italy and Ethiopia**
chapter in *Urban Planning in Sub-Saharan Africa: colonial and postcolonial planning cultures*, Carlos Nunes Silva, ed., Routledge, 2015.
- 2014 **Reviewing Modernism through the Lens of Sustainability**
chapter in *Lessons from Modernism: Environmental Design Strategies in Architecture, 1925-1970*, Kevin Bone, Steven Hillyer, and Sunnie Joh, eds. Monacelli, 2014.
- 2013 **CIAM, Corporative Urbanism and Italy**
chapter in *The Rationalist Reader: Architecture and Rationalism in Western Europe 1920-1940 / 1960-1990*, Andrew Peckham and Torsten Schmiedeknecht, eds., Routledge, 2013. excerpted from "Everything in the state, nothing against the state, nothing outside the state": Corporativist Urbanism and Rationalist Architecture in Fascist Italy" (see below)
- 2013 **"Urbanistica corporativa": Ernesto Nathan Rogers, BBPR and Quadrante**
chapter in *Ernesto Nathan Rogers 1909-1969*, Chiara Baglione, ed., Franco Angeli, 2013.

PUBLICATIONS: PEER-REVIEWED ARTICLES

- 2014 **Building Modern Africa**
Journal of Architectural Education, v.68:2 (fall 2014). Co-edited theme issue of the JAE with Itohan Osayimwese, Brown University.

- 2014 **Consuming Empire: Colonial Agriculture under Italian Fascism**
Dumbarton Oaks Papers, v.66 (2014), 81-94.
- 2012 **Piani regolatori in Etiopia**
Bollettino della Società di studi fiorentini, n.20-21: «Firenze, Primitivismo e Italianità. I Problemi dello “Stile Nazionale” tra Italia e Oltremare (1861-1961)» (May 2012).
- 2012 **‘Everything in the state, nothing against the state, nothing outside the state’: Corporativist Urbanism and Rationalist Architecture in Fascist Italy**
Planning Perspectives, v.27 n.1 (January 2012), 51-80.
- 2011 **Misprision of Precedent: Design as Creative Misreading**
Journal of Architectural Education, v.64 n.2 (March 2011), 66-75.
2011-2012 Journal of Architectural Education, Best Scholarship of Design Article Award
- 2011 **Gondar. Architecture and Urbanism for Italy’s Fascist Empire**
Journal of the Society of Architectural Historians (December 2011), 492-511.
2012 Society of Architectural Historians Founders’ Award for best article by an emerging scholar in the previous two years.
- 2008 **Asmara**
Pin-up n.5 (Winter 2008/09), 3-6.
- 2007 **Architecture and Revolution on the Street of Empire**
Scapes n.6 (Fall 2007), 26-40.
- 2006 **Furnishing the Fascist Interior: Giuseppe Terragni, Mario Radice and the Casa del Fascio**
arq – architectural research quarterly v.10, n.2 (June 2006), 157-170.
- 1996 **Dialectical Furniture for Highway Interchanges**
Catalogue of the History and Theory Graduate Studio v.5 (1996), unpaginated.

PUBLICATIONS: REVIEWS

- 2016 **review of Jon Sojkowski, *African Vernacular Architecture Data Base***
Journal of the Society of Architectural Historians, v.75 n.3 (September 2016), 385-386.
- 2016 **review of Sean Anderson, *Modern Architecture and Its Representation in Colonial Eritrea***
Journal of the Society of Architectural Historians, v.75 n.2 (June 2016), 225-226.
- 2013 **review of Jonathan Alfred Noble, *African Identity in Post-Apartheid Public Architecture: White Skin, Black Masks*, and Rebecca Ginsburg, *At Home with Apartheid: The Hidden Landscapes of Domestic Service in Johannesburg***
Journal of the Society of Architectural Historians, v.72 n.3 (September 2013), 412-414.
- 2013 **review of Diane Ghirardo, *Italy: Modern Architectures in History***
Journal of Architectural Education, v.67 n.2 (September 2013), 308-309.
- 2011 **review of *Speed Limits* (exhibition)**
Design Issues, v.27 n.3 (Summer 2011), 98-102.
- 2009 **review of Mark Gillem, *America Town***
JAE, v.63 n.1 (August 2009), 150-151.
- 2009 **review of *Interama: Miami and the Pan-American Dream***
Cite, n.78 (spring 2009), 36-37.

- 2009 **review of Mia Fuller, *Moderns Abroad: Architecture, Cities, and Italian Imperialism***
The Journal of Modern History (March 2010), v.82, n.1, 216-218. [solicited by the editors]

PUBLICATIONS: POPULAR AND PROFESSIONAL MEDIA

- 2017 **What is the Worth of Water?**
Architect (October 2017), v.106, n.10, 92.
- 2013-16 **Architectural Ramblings**
 Bi-monthly column in Miami Beach Community Newspaper, dealing with sites and buildings in Miami Beach.
- 2013 **University of Miami**
Clog, theme issue on Miami, 2014.

PUBLICATIONS: WEB AND OTHER MEDIA

- 2017-18 **Pioneering Women in American Architecture**
 Wrote entry on Florida architect Isabel Roberts for this online encyclopedia of significant women architects in the United States.
- 2016-18 **SAH Archipedia**
 Co-wrote entries for 100 significant sites in Florida with John Stuart for the online encyclopedia of American architecture and cultural heritage sites, *Archipedia*. The project was funded by the Mellon Foundation.
- 1998 **Frank Lloyd Wright (www.pbs.org/flw)**
 Wrote descriptions of ten Frank Lloyd Wright buildings for a PBS-developed web site, which ran parallel to the November broadcast of Ken Burns and Lynn Novick's documentary.
- 1998 **The Grid in the American Landscape**
 Researched and wrote two chapters on the development of the American landscape for a book by Professor Hamid Shirvani of Queens College.

PAPERS PRESENTED

- 2020 **Ernesto Nathan Rogers e il circolo Quadrante**
 Invited lecture, "Composizione architettonico" symposium. IUAV, Venice.
- 2019 **Architecture, Urbanism, and the False Promise of Liberal Reform Under Haile Selassie I**
 Invited lecture, "Global Perspectives on Fascism and Anti-Fascism" symposium. Colgate University, Hamilton, NY.
- 2019 **Necessary Urbanisms**
 Invited lecture, "Climate Change, Art, and Architecture" roundtable. Institute of Contemporary Art, Miami.
- 2019 **Landscape Architecture, Urban Design, and Social Transformation**
 Invited lecture, MAIYA Prodigy Workshop. National Institute of Advanced Studies, Bangalore.
- 2019 **Miami Beach and Global Art Deco**
 Invited lecture, "Miami Beach and Tel Aviv" roundtable. Jewish Museum-FIU, Miami Beach.
- 2018 **Architecture, Urbanism, and the False Promise of Liberal Reform Under Haile Selassie I**

Invited lecture, "Nationalism, Aesthetics, and Emergency Powers" symposium.
Columbia University, New York.

2018 **Asmara**

Invited lecture. Royal Institute of Art, Stockholm, Sweden.

2017 **Contemporary Architecture in Ethiopia and Eritrea**

Invited lecture. Miami Design Preservation League, Miami Beach.

2015 **A Careful Misreading of Precedent: Politics and Transparency in the work of Lina Bo Bardi**

Invited lecture, Architecture Museum, Munich, Germany.

2014 **The Battle for Modernism**

Invited lecture, Institute of Art, Polish Academy of Science, Warsaw, Poland.

2014 **Ethiopia and Italy: Colonial Cities at the Crossroads**

Invited lecture, Gdańska Galeria Miejska, Gdansk, Poland.

2014 **Weighing Evidence: Observation, Analysis and Interpretation as Criticism and Design**

Invited lecture, Royal Institute of Art, Stockholm, Sweden.

2014 **The Elusive Utopias of Italian Urban Planning in Ethiopia**

4th conference of the European Network for Avant-Garde and Modernism Studies, Helsinki.

2013 **Colonial Cities at the Crossroads**

Colonial and Postcolonial Urban Planning in Africa Conference, Lisbon, Portugal.

2013 **Pietro Maria Bardi, *Quadrante*, and the Architecture of Fascist Italy**

Invited lecture, The Italians in the Centers of South-American Modernism conference, Museum of Contemporary Art, Sao Paulo, Brazil.

2013 **Less Rupture than Amplification: Ethiopian Cities and Italian Colonialism**

Invited lecture, Texas A&M University, College Station, TX.

2013 **The Endurance of the Archaic in Contemporary Architecture**

The 8th Savannah Symposium, Savannah College of Art and Design, Savannah, GA.

2012 **The Battle for Modernism**

Invited lecture, Università degli Studi, Milan, Italy.

2012 **Principles of Italian Colonial Architecture**

Invited lecture, Palazzo Ducale, Genoa, Italy.

2012 **The Battle for Modernism**

Invited lecture, Accademia di San Luca, Rome, Italy.

2012 **International Modernism in a Decolonized World**

East-West Symposium, University of Miami.

2012 **Consuming Empire**

Invited lecture, Food and the City Conference, Dumbarton Oaks, Washington, DC.

2012 **Address to First Year Architecture Students**

Invited lecture, Department of Architecture, University of Gondar, Ethiopia.

2012 **Interrupted Cities: Reconstruction and Invention in Urban Strategies**

Invited roundtable participant at University of Miami School of Architecture. Other speakers were Stanislaus von Moos (Yale University), Luca Ortelì (EPFL Lausanne) and Roberto Behar (University of Miami).

- 2012 **Urgency, Uncertainty, Purpose and Paradox**
Keynote speaker in the *What Would You Say?* annual lecture, organized by the FIU Student Programming Council and selected through university-wide voting.
- 2011 **On Teaching African Architecture**
Invited lecture, African Perspectives Conference, Casablanca, Morocco.
- 2011 **Principles of Italian Colonial Architecture**
Invited lecture, University of Bologna, Cesena.
- 2011 **Misprision of Precedent: Design as Creative Misreading**
Association of Collegiate Schools of Architecture Annual Meeting. Montreal.
- 2009 **Urbanistica corporative: Ernesto Nathan Rogers, BBPR and Quadrante**
"Esperienza dell'Architettura," Ernesto Nathan Rogers," Politecnico di Milano and *Casabella* magazine, Milan, Italy.
- 2009 **Prefabricating Empire: Industrialized Architecture in Italian-occupied Ethiopia**
Invited lecture, Northeastern University School of Architecture, Boston.
- 2008 **The Very Model of a Modern Imperial Capital: Gondar**
Invited lecture, "From Africa to the Balkans: New Perspectives in Italian Fascist History and Material Culture," Italian Academy for Advanced Studies in America, Columbia University, New York.
- 2008 **The Very Model of a Modern Imperial Capital: Gondar**
EAUH Conference, Lyon, France.
- 2008, 2010, 2012 **Principles of Italian Colonial Urbanism and Architecture**
Invited lecture, University of Florida School of Architecture and African Studies Department.
- 2008 **The Very Model of a Modern Imperial Capital: Gondar**
Association of Collegiate Schools of Architecture National Meeting. Houston.
- 2008 **Economical, Sustainable, Portable, Imperial: Prefabricated Building in Italian-occupied Ethiopia, 1936-1941**
Society of Architectural Historians Annual Meeting. Cincinnati, OH.
- 2007 **Modernity and Continuity in Ethiopian Architecture and Urbanism: the Case of Gondar**
African Architecture Today Conference, Kwame Nkrumah University of Science and Technology, Kumasi, Ghana.
- 2006 **De Firmitatis: the Importance of Impermanence**
Faculty Research Symposium IV, University of Virginia School of Architecture. Charlottesville.
- 2004 **Furnishing the Fascist Interior: Giuseppe Terragni, Mario Radice and the Casa del Fascio**
Society of Architectural Historians Annual Meeting. Providence, RI.
- 2002 **Architecture, Art of the State: P. M. Bardi and the Political Discourse of Italian Rationalism.**
Society of Architectural Historians Annual Meeting. Richmond, VA.
- 2001 **1933: One or Several Rationalisms**
Association of Collegiate Schools of Architecture International Meeting. Istanbul, Turkey.
- 2000 **Hors de la cuisine: Avant-gardes and Kitchen Design, 1926-1929.**

Barnard Feminist Art and Art History Conference. New York.

1998, 1999 **Herbert Bayer and the Dilemma of Architectural Historiography**

Association of Collegiate Schools of Architecture

1999 International Meeting. Rome, Italy. 1999 National Meeting. Minneapolis, MN.

1998 Southeast Regional Meeting. University of Tennessee, Knoxville.

1998 **Mnemosene and Her Daughters: On Analogy and Autobiography, Memory and Imagination in Le Corbusier's *Poème de l'angle droit***

Association of Collegiate Schools of Architecture West Central Regional Meeting. St. Louis.

CONFERENCES AND SESSIONS ORGANIZED

2019 **The Historiography of the Present Condition**

Co-organized with Dean Elie Haddad, Lebanese American University. SAH 72nd Annual International Conference, Providence, RI

2014 **htc.Workshop 6**

The sixth workshop featured a keynote lecture by Eric Mumford (Washington University in St. Louis), presentations by Helen Gyger (Pratt Institute), Kathryn O'Rourke (Trinity University), Luis Castañeda (Syracuse University) and Patricio del Real (Museum of Modern Art), and was moderated by W. Elysse Newman (Florida International University).

2011 **htc.Workshop 5**

The fifth workshop featured a keynote lecture by Ola Uduku (Edinburgh College of Art), presentations by Mabel Wilson and Peter Tolkin (Columbia University), Vandana Baweja (University of Florida), Robert Gonzalez (Florida International University), Prita Meier (Wayne State University) and Robert Cowherd (Wentworth Institute), and was moderated by Vladimir Kulic (Florida Atlantic University).

2010 **htc.Workshop 4**

The fourth workshop featured a keynote lecture by Ken Oshima (University of Washington), presentations by Kai Gutschow (Carnegie Mellon University), June Komisar (Ryerson University) and Kimberly Zarecor (Iowa State University), and was moderated by Flaminia Gennari (Vizcaya Museum).

2009 **Transnational Exchange in African Architectures and Urbanisms**

Organized and moderated a session on architecture and urbanism in Africa at the Annual Meeting of the Society of Architectural Historians. Speakers were Adekunbi Oni (CUNY), Joseph Heathcott (The New School), Luce Beekmans (Groningen University) and Aziza Chaouni (University of Toronto).

2009 **htc.Workshop 3**

The third workshop featured a keynote lecture by Peter Lang (Texas A & M University), presentations by Talinn Grigor (Brandeis University), Frances Hsu (Georgia Tech) and Ernestina Osorio (UCLA), and was moderated by Jean-François Lejeune (University of Miami).

2009 **htc.Workshop 2**

The second workshop featured a keynote lecture by Fasil Giorgis (Addis Ababa University), presentations by Colette Apelian (Berkeley City College), Vladimir Kulic (Florida Atlantic University) and Itohan Osayimwese (University of Washington), and was moderated by Marianne Lamonaca (The Wolfsonian-FIU).

2008 **htc.Workshop 1**

Initiated and organized an ongoing series of symposia at FIU in which emerging scholars discuss current research with peers and senior scholars. These grant-funded events focus on scholarship of modern architecture and design in Latin America, Africa and Asia. The first workshop featured presentations by Esra Akcan

(University of Illinois at Chicago), Adnan Morshed (Catholic University) and Sarah Teasley (Northwestern University), and was moderated by Katherine Wheeler (University of Miami).

2007 **Polis and Politics: Italian Urbanism Under Fascism**

Co-organized a conference on interwar Italian urbanism with Lucy Maulsby (Northeastern University) and Andrew Manson (Columbia University), co-hosted by Columbia University's Graduate School of Architecture Planning and Preservation, Department of Art History, and Italian Academy.

2007 **Architecture's Ephemeral Practices**

Co-organized a session on architecture and temporality with Ioanna Theocharoupoulou (Parsons School of Design) at the Annual Meeting of the Association of Collegiate Schools of Architecture.

2002 **Partial Visions**

Co-organized and moderated symposium with such speakers as Yolande Daniels, Katherine Dean, Jerri Dodds, Catherine Ingraham, Silvia Kolbowski, Brian Brace Taylor, and Bernard Tschumi.

1999 **Last Things Before the Last?**

Co-organized and moderated conference whose speakers included Ackbar Abbas, Denise Scott Brown, Richard Ingersoll, Daniel Monk, Ben Nicholson, Joan Ockman, Vincent Pecora, Alberto Pérez-Gómez and Anthony Vidler.

EXHIBITIONS

2016 **Visionary Metropolis: Tony Garnier's *Une Cité Industrielle***

Curated an exhibition of plates from Tony Garnier's *Une Cité Industrielle* (1917) and related materials, to be exhibited at The Wolfsonian-FIU, Miami Beach in August & September 2016.

2016 **After the Millennium: Contemporary Architecture in Ethiopia**

Co-curated an exhibition of 26 buildings in Ethiopia with Professor Dawit Benti of the Ethiopian Institute of Architecture and Building Construction, to be exhibited in Addis Ababa and Miami in August & September 2016.

2012 **Metropole/Colony: Africa and Italy**

Curated an exhibition of material related to Italian colonization and domestic development projects in the Wolfsonian Teaching Gallery at the Frost Art Museum, FIU.

2011 **Salon de Bureau E.A.S.T.**

Co-curated an exhibition of work in Morocco by Aziza Chaouni and Takako Tajima in the BEA International Gallery, FIU.

2010 **Trace(s) 12358**

Co-curated an exhibition of graphic work by Charleston-based architect Gordon Nicholson in the BEA International Gallery, FIU.

2009 **Resource: Design in East Africa**

Co-curated an exhibition of work in Kenya and Rwanda by Gainesville-based architects Donna Cohen and Claude Armstrong in the BEA International Gallery, FIU.

PUBLISHING ACTIVITIES

2003-6 ***Society of Architectural Historians Newsletter***

Co-edited the Society's Newsletter, with Jeannie Kim.

1996 ***Catalogue of the History and Theory Studio***

Co-edited and published the catalogue of studio work for the graduate program in History and Theory, School of Architecture, McGill University.

1992-94 **«Theory|Praxis»**

Co-founded and edited the Boston Architectural Center's journal of studio design work, built projects, and scholarly writing by students, faculty and alumni.

1987-92 **Noumenon**

Edited and published the BAC's student publication, a combination newsletter, student review and critical journal.

AWARDS AND GRANTS

2019 **AIA Miami Leadership in Education Award**

2016-17 **SAH grant to fund student-led architectural tours for students from disadvantaged schools**

2016 **FIU Provost's Interdisciplinary seed grant**

2016 **FIU Provost's Humanities Research grant**

2015 **FIU African and African Diaspora Studies course development grant**

2014 **FIU African and African Diaspora Studies travel research grant**

2014 **Cejas Strategic Initiative Grant**

2014 **Alpha Rho Chi Gold Medal**

2012 **FIU Faculty Award for Excellence in Research and Creative Activities**

2012 **What Would You Say? Annual Keynote Lecture, hosted by the FIU Student Programming Council and selected through university-wide student voting**

2011-2012 **Journal of Architectural Education, Best Scholarship of Design Article Award**

2012 **Society of Architectural Historians Founders' Award for best article by an emerging scholar in the previous two years**

2011 **James Ackerman Prize for Architectural History, CISA Andrea Palladio**

2011 **Applicant, National Endowment for the Humanities Summer Research Stipend (I was one of two faculty members selected to represent FIU through a university-wide competition process)**

2011 **Graham Foundation Educational Grant (to fund research in Ethiopia)**

2011 **American Academy in Rome Wolfsonian Affiliated Fellowship**

2008 **Graham Foundation Institutional Grant (htc.Workshop)**

2008 **Cejas Strategic Initiative Grant**

2008 **Wolfsonian-FIU Research Fellowship**

2006 **University of Virginia Faculty Summer Research Grant**

2003 **AIA/AAF Fellowship for Advanced Research in Architecture**

2003 **Columbia University Kinne Graduate Award for Research-Related Travel**

- 2003 **Parsons Faculty Research Fellowship, Michael Kalil Endowment for Smart Design**
- 2002 **Library Research Grant, Getty Research Institute**
- 2001 **Graham Foundation Educational Grant**
- 2001 **Honorable Mention, Carter Manny Dissertation Grant, Graham Foundation**
- 2001-2003 **Art Humanities Teaching Fellowship, Columbia University**
- 1997-2002 **Departmental Fellowship, Columbia University**

PROFESSIONAL PRACTICE

- 2001-present **Four Square Production, Inc.** South Orange, NJ, and South Miami, FL
Principal with design and construction coordination responsibilities for residential renovation and addition projects in New York City, suburban New Jersey, Miami, and the Bahamas. Completed projects include a steel-framed house in South Miami, designed to surpass LEED Platinum certification, an apartment renovation in Brooklyn, a loft renovation in Manhattan and three two-story addition/renovation projects in New Jersey. All work designed in close collaboration with Holly Zickler.
- 1991-5 **Buck, Smith & McAvoy Architects** Boston, MA
Project Manager for accessibility upgrades to seven branch libraries for the City of Boston. Project Designer and Job Captain for addition of 15 units of accessible housing at two sites for the Brookline Housing Authority. Project Designer for a new community building (meeting space and administrative facilities) at an existing Cambridge Housing Authority project.
- 1990 **Ian Hodgson, Architect** London, England
Designer
Inspected aging buildings throughout England and Wales, diagnosed areas requiring renovation and repair, and directed the production of necessary contract documents.
- 1986-90, 1991 **Keith Moskow, Architect** Boston, MA
Designer
Designed single-family residences, retail store locations and a golf-course community.

SERVICE

- 2016-2019 **Society of Architectural Historians**
Member of the Board of Directors. Other service to the Society includes chairing the Founder's Award jury (2019), being a member of the Alice Davis Hitchcock Award jury (2018), and reviewing proposals for *SAH Archipedia*.
- 2015-present **Wolfsonian-FIU** Miami Beach, FL.
Member of the Wolfsonian Academic Advisory Council. Service to the Wolfsonian includes reviewing fellowship applications (multiple years) and writing letters of recommendation for grant applications.
- 2015-present **Frost Museum of Art, FIU** Miami, FL.
Member of the inaugural Frost Museum of Art Leadership Advisory Board. Other service to the Frost includes chairing the university's Public Art Task Force.
- 2015-present **Miami Center for Architecture and Design** Miami, FL.
Lead sketching tours of downtown Miami in a program I developed for the local chapter of the American Institute of Architects.
- 2014-present **Historic Preservation Board** South Miami, FL.

2014-present **Parks and Recreation Advisory Committee** South Miami, FL.

2014 **Colony1** Miami, FL.

Architectural advisor to an arts and agroecology program being developed in the Wynwood Arts District by the Art of Cultural Evolution, a non-profit organization.

2014 **Dawntown** Miami, FL.

Juror for international design competition sponsored by Dawntown.

Supporting Faculty

Jason R. Chandler, A.I.A.
Chair and Associate Professor
Department of Architecture
School of Architecture
College of Communication, Architecture + The Arts
Florida International University

ACADEMIC
DISCIPLINE:

Architecture

INSTRUCTIONAL
AREAS:

Architectural Design, Urbanism, Building Technologies

EDUCATION:

Harvard University, Graduate School of Design, Cambridge, MA
Master in Architecture, March 1993

Cornell University, College of Architecture, Art and Planning, Ithaca, NY
Bachelor of Architecture, June 1991

PROFESSIONAL
LICENSURE:

Registered Architect, State of Florida
AR 0016055 (Since 1997)

American Institute of Architects
Member, Miami Chapter, No. 30171614 (Since 1999)

ADMINISTRATIVE
EXPERIENCE:

Department of Architecture, College of Communication, Architecture +
The Arts, Florida International University, Miami, FL
Chair, 2013 to present
Associate Chair, 2012-2013

Department of Landscape Architecture + Environmental and Urban
Design, College of Communication, Architecture + The Arts, Florida
International University, Miami, FL
Interim Chair, 2015 to 2017

ACADEMIC
EXPERIENCE:

Department of Architecture, Florida International University, College of
Architecture + The Arts, Miami, FL

Associate Professor with Tenure, 2009 to present

Assistant Professor, 2003 to 2009

Visiting Assistant Professor, 2001 to 2003

Adjunct Lecturer, 1998 to 2001

Courses Taught:

Graphics:

ARC 1131, Graphic Communication 1 S 1998

Design:

ARC 1301, Design 1 S 1998

ARC 2304 Design 4, Instructor and Coordinator S 2004

ARC 4324 Design 5, (Coordinator, 2004-5, 2009-20) F 1998, F 1999,
Su 2001, F
2001, F 2004,
F 2005, F 2009-
F2016

ARC 4335 Design 6, (Coordinator, Spring 2005 -20)	S 1999, S 2000, S 2002, S 2003, S 2005- S 2015
ARC 4342, Design 7	F 2000
ARC 4343, Design 8	S 2001
ARC 5340/5343, Graduate Design 7 & 8	Su 2010
ARC 5076 Graduate Formative Studio 2	S 2007-11
ARC 5361 Graduate Design One	S2009- S 2012 F 2002, F 2003, F 2006, F 2007, F 2008
ARC 5361 Integrated Comprehensive Design Building Technology:	Su 2011, 2012
ARC 2580 Structures and Systems	S 2004
ARC 3463 & 5467 Methods and Materials II	S 2000-2012
ARC 3905 & 5905 Solar Decathlon	F 2004, S 2005, Su 2005, F2005
ARC 5483 Integrated Building Systems	F 2009-10
ARC 5483 Innovations in Building Technology	F 2002, F 2003, F 2006, F 2007, F 2008,
ARC 5483L Innovations in Building Technology Lab	F 2002, F 2003
IND 2430, Lighting	Su 2000
Professional Office Practice	S 2018, S 2019, S2020
Seminars:	
ARC 6970 Masters Project(Faculty Committee member)	2006-2012
ARC 6971 Thesis	Su 2003,F 2003,S 2004, Su 2004, F 2004, F 2005, S 2006
ARC 3990 & 5990 Venetian Facades	F 2005
ARC 3905 & 5990 Investigations of Vertical Surface	F 2004
ARC 5933 Diagramming Architectural Writing	F 2011
ARC 5933 Practical Idealism, Texts & Plans for America	F 2012
University of Miami, School of Architecture, Coral Gables, FL	
Adjunct Lecturer, Spring 1998 to Spring 2000	
Courses Taught:	
ARC 112, Graphics II	S 1998
ARC 305, Design V	F 1998
ARC 204, Design IV	S 1999, S 2000
Harvard University, Graduate School of Design, Cambridge, MA	
<i>Architecture Instructor</i> , Career Discovery,	Su 1992

**PROFESSIONAL
EXPERIENCE:**

Chandler and Associates Architecture, South Miami, FL
Principal, April 1999 to Present.
 Mattaway Addition, 2,100 square residence
 Miami, FL, 2018 to present
 Wynwood Infill, 10,000 square office retail
 Miami, FL, 2018 to present
 Wynwood Corner, 10,000 square office retail

Miami, FL, 2018 to present
 761 Townhouses, (2) 4,500 square foot townhouse apartments
 Miami, FL, 2017 to present
 Warehouse Complex, 50,000 square foot warehouses
 Miami, FL, 2013-2016 Built
 769 Townhouses, (2) 4,500 square foot townhouse apartments
 Miami, FL, 2013-2017 Built
 Warehouse+Office, 24,000 square foot Warehouse Addition
 Miami, Florida, 2009-2011 Built
 Warehouse Studio, 1,000 square foot Warehouse Addition
 Miami, Florida, 2009-2010 Built
 Metropolis Spa and Gym, 10,000 square foot Interior
 Coral Gables, Florida, 2008, Built
 Aspen Residence, 5,750 square foot residence
 Aspen, Colorado, permitted, 2006-2009 Unbuilt
 Town Restaurant, 3,700 square foot interior
 South Miami, Florida, Interior, 2005-2006, Built
 Plaza 62, 87,000 square foot Office and Retail Building
 South Miami, FL, 2005-2008 Unbuilt
 The Richard-Brandon Company, 2,200 square foot Interior
 South Miami, Florida, 2004-2005, Built
 The Weinbach Group, Inc., 1,600 square foot Interior
 South Miami, Florida, 2004-2005, Built
 Gallagher Financial Systems, 2,400 square foot Interior
 South Miami, Florida, 2003-2005 Built
 Building 17, Fort Davis, Renovation
 Colon, Panama, 2002-2003, Unbuilt
 Two Courtyard Houses, 3,800 square foot residences
 Coconut Grove, Florida 2001-2003, Built
 Plaza 57, 170,000 square foot Office, Retail and Parking Building
 South Miami, Florida, 1999-2005, Built

Chandler and Hernandez Architects, Miami Beach, FL
Partner, April 1997 to April 1999.

Wheeling Residence
 Miami, FL. 1995-1996, Unbuilt

Ambrosino Gallery
 Miami, FL, 1997-1998 Unbuilt

Flamingo Falls Professional Center
 Pembroke Pines, FL, 1997-1999 Built

Hernandez-Cartaya, Addition
 Miami, FL, 1998-2001 Built

Rodriguez and Quiroga Architects Chartered, Coral Gables, FL
Project Designer, February 1995 to March 1997.
 Somerville Apartments, Camillus House, Miami, Built
 Miami International Airport, Terminal Improvements and
 Terminal H Extension, Built
 Design Team Member, Dade County Performing Arts Center,
 Cesar Pelli and Associates, Team Leader, Built

Duo Dickinson Architect, Madison, CT
Intern Architect, July 1993 to December 1994

Edward E. Cherry Architect, FAIA, Hamden CT
Project Designer, Summers 1990, 1991

FUNDED
ACTIVITIES &
GRANTS:

Coordinator, The Joselow Foundation, Sponsored Design 6 Savannah Studios: \$12,000.00, Spring 2020, \$10,000.00, Spring 2019, \$13,000.00, Spring 2018, \$12,000.00, Spring 2017, \$15,000.00, Spring 2016

Co-Coordinator with Cynthia Ottchen, Global City Development, Design 5 Sweetwater Sponsored Studio, \$20,000.00, Fall 2017

Principal Investigator, "Miami Urban Neighborhood Building Studio" Knight Foundation, \$60,000, 2013-2016

Team Leader with Rovira & Kolasinski, FIU by Design Sponsored Charrette, Miami Beach Flyover Design Charrette, \$7,000, Fall 2015

Team Leader with Rovira & Marine, FIU by Design Sponsored Charrette, Little River Charrette, \$6,500, 2014

Principal Investigator, "Infill Housing Sponsored Studio" Town Center Inc. and Knight Foundation \$20,000, 2012-2013

Co-Principal Investigator, "Housing the Arts in Miami", Hagen Family Trust, \$7,500, 2010

Principal Investigator, Paul L. Cejas Eminent Scholar Fund, \$4,000 Award for "New Urban Miami" Exhibition and Publication, 2008-2011

Co-Principal Investigator, "Building Literacy: Integrating Building Technology and Design in Architectural Education," US Department of Education- Fund for the Improvement of Postsecondary Education- Comprehensive Program, \$553,045 (Florida International University: Shahin Vassigh, Principal Investigator, Ebru Ozer, Co-PI, Jason Chandler, Co-PI, University at Buffalo: Annette LeCuyer, Omar Khan, Scott Dandford, Kenneth Mackay, Kenneth English, University of Utah: Patrick Tripeny, Iowa State University: Eliot Winer) \$389,000 of grant to Florida International University, 2007-2011

Co-Principal Investigator, Sweetwater Transit Corridor and College town Study Sponsored research. \$40,000 grant from Metropolitan Center, Florida International University. With C. Rosales and R. Rovira, 2006-2007

Architecture Faculty Advisor, 2005 Solar Decathlon, Grant application writing contributor, \$5,000.00 Grant, National Renewable Energy Laboratory, 2004-2005 Solicited and secured the following gifts for the FIU Solar Decathlon:
\$1,000.00 from Gallagher Financial Systems
\$500.00 from The Richard-Brandon Company

Principal Investigator, Single-family neighborhood Modifiers \$25,657.51 Research Grant, DCA Hurricane Loss Mitigation Program International Hurricane Center, January 2004 to June 2004

Principal Investigator, Impact Modifiers \$15,076.00 Research Grant, DCA Hurricane Loss Mitigation Program

International Hurricane Center October 2002 to June 2003

COMPETITIONS:

New Contemporary Art Museum Competition
Buenos Aires, 2012

Close the Gap Competition
New York, New York, 2011
Selected for Exhibition

The Chain of Eco-Homes Competition
Greensburg, Kansas, 2009

Dawntown Waterworks Competition
Miami, Florida 2008
Honorable Mention

River Douglas Bridge Competition
Lancashire, England, 2008

Market Value Competition,
Charlottesville, Virginia, 2007

Stockholm Public Library Competition
Stockholm, Sweden, 2006

Parachute Pavilion Competition
Coney Island, New York, 2005

Miami Beach Life Design Competition
Miami Beach, Florida, 2004
First Prize

SECCA Home Competition
Southeastern Center for Contemporary Art
Winston-Salem, North Carolina, 2003
Selected for Exhibition

Scattered Housing Competition, Little Haiti Housing Association
Miami, Florida, September 2001
Honorable Mention

An American Center for Architecture in Paris
81st Paris Prize Architectural Design Competition
1994 Lloyd Warren Fellowship, \$3000.00
National Institute for Architectural Education, April 1994
Second Prize

AWARDS:

Honor Award of Excellence, Architecture less than 50,000 sqft for
Warehouse Complex, The Miami Chapter of the American Institute of
Architects, 2019

Honor Award of Excellence for New Work, for Warehouse Complex, The
Florida Association of the America Institute of Architects, 2018

The AIA Florida William G. McMinn, FAIA Award for Outstanding Contributions to Architectural Education, Florida Association of the American Institute of Architects, 2017

Award for Leadership in Education Award,
The Miami Chapter of the American Institute of Architects, 2014

FIU Top Scholar for Creative Work, 2013

Honor Award of Excellence, for Warehouse Structures, The
Florida Association of the America Institute of Architects, 2012

Award for Outstanding Contribution while serving on the Environmental
Review and Preservation Board August 2006-December 2011, The City
of South Miami, January 17, 2012

Award of Merit, For Infill Warehouses, The Miami Chapter of the
American Institute of Architects, Architecture, 2011

Award for Public Service, The Miami Chapter of the American Institute of
Architects, 2011

Honorable Mention, Dawntown Waterworks Competition
Miami, 2008

Merit Award for Unbuilt Work, For The Parachute Pavilion, The
Florida Association of the America Institute of Architects, 2006

Award of Excellence, For The Parachute Pavilion, The Miami Chapter of
the America Institute of Architects, 2005

First Prize, Miami Beach Life Design Competition
Miami Beach, Florida, 2004

Honorable Mention, Bienal Miami + Beach, Scattered Housing
Competition, Little Haiti Housing Association, Miami, Florida, September
2001

Silver Award, For Plaza 57, Mixed-Used Development, Builder's
Association of South Florida, 2001

Second Prize, 81st Paris Prize Architectural Design Competition
Lloyd Warren Fellowship, National Institute for Architectural Education,
1994

BOOKS	"Building Systems Integration for Enhanced Environmental Performance" by Shahin Vassigh and Jason Chandler, J.Ross Publishing, 2011, ISBN-10: 1604270152
BOOK INTRODUCTION	FIU Folio 2014-2015, Edited by Henry Rueda and Alastair Gordon, ORO Editions (May 1, 2016) ISBN-10: 1939621348
CATALOGUES	FIU Folio 2016 (NAAB Accreditation), Introduction and edited by Jason Chandler, 2017

Infill Housing 7, Introduction and edited by Jason Chandler, 2019

Infill Housing 6, Introduction and edited by Jason Chandler, 2018

Infill Housing 5, Introduction and edited by Jason Chandler, 2017

Infill Housing 4, Introduction essay and edited by Jason Chandler, 2016

Infill Housing 3, Introduction essay and edited by Jason Chandler, 2015

Infill Housing 2, Introduction essay and edited by Jason Chandler, 2014

Infill Housing, Introduction essay and edited by Jason Chandler, 2013

"Engaging the Urban," Introduction essay and edited by Jason Chandler, 2011, ISBN: 987-1-257-93895-7

BOOKS &
CATALOGUES
OF DESIGN WORK:

"Infill Urbanism, Pedagogy, Policy and Building," FIU Folio 2014-2015, Edited by Henry Rueda and Alastair Gordon, ORO Editions (May 1, 2016) ISBN-10: 1939621348, Essay and images of townhouse project

Chandler, J Ed., Engaging the Urban, ISBN: 987-1-257-93895-7, 2011 pgs 44-49 & 94-97, Plaza 57 and Plaza 62 illustrated.

Ryan,Z and Cohen-Litant, J Eds. Coney Island The Parachute Pavilion Competition (New York, Princeton Architectural Press, 2007), pg 150, Jason Chandler Competition Entry illustrated

Canaves, J., Casuscelli,C. & Nepomechie, M Eds. Benial Miami + Beach 2001-2005: a Retrospective (Quito:Trama2007), 61,69-70,. Chandler and Associates Competition Entry illustrated

Brown, D Ed, HOME House Project, MIT Press, Cambridge, Massachusetts, 2004, pg 122, Jason Chandler listed as Selected Participant

Scattered Houses, Architectural Design Competition Catalog, Little Haiti Housing Association, Miami, Florida, 2002, pg. 26, Chandler and Associates Competition Entry illustrated

ONLINE
PUBLICATIONS:

FIU Architecture eFolio, Introduction and co-editor, Fall 2013, Spring 2014, Fall 2014, Spring 2015, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2017, Spring 2018, Fall 2018, Spring 2019

eFolio LAEUD, Introduction and co-editor, Spring 2016

- REPORTS: Hurricane Loss Reduction For Housing in Florida, Final Report, Deliverable No. 6, International Hurricane Center, "Single-family neighborhood Modifiers, July, 2004
- Hurricane Loss Reduction For Housing in Florida, Final Report, Volume 3, Deliverable No. 5, International Hurricane Center, Section 3.1d "Investigation of Influence of Architectural Features on Wind Loads", July 30, 2003
- PROCEEDINGS: "Pre-cast School, Bernard Tschumi's Dialectic Diagrams" ACSA Northeast Fall Conference Proceedings, 2008
- "Neighborhood Hurricane Wind Dynamics," 96th ACSA National Annual Meeting Proceedings, 2008
- "Public Service: The Architect's Role on Design Review Boards," Assuming Responsibly, the Architecture of Stewardship, ACSA Southeast Conference Proceedings, 2007
- "Transit Oriented College Town: Planning a New College town for both for both City and University," with C. Rosales and R. Rovira, City/Campus ACSA Central Fall Conference Proceedings, 2007
- Participant, Writing Team 9, "A Comparative Summary of Team Presentations" by Joyce M. Noe, Proceedings from Cranbrook 2007, Integrated Practice and the Twenty-first Century Curriculum, Cranbrook Academy of Art, June 28-July 1, 2007
- "Mechanisms of Vertical Surface- The Wall Section Model," Building Technology Educators' Symposium Proceedings, 2006
- "On finishing School: Understanding Building through Drawing" by Jason Chandler Proceedings, 2003 ACSA Southeast Regional Conference, 2003 pgs 160-164
- CREATIVE WORK
PUBLISHED &
CITATIONS:
- Does Wynwood really need more office and retail space? This developer thinks so. By Rebecca San Juan, Miami Herald, December 19, 2019 <https://www.miamiherald.com/news/business/real-estate-news/article238511088.html>
- "Creating infill developments true to their urban context", by Jeffrey Steele, forbes.com, November 26, 2019 <https://www.forbes.com/sites/jeffsteele/2019/11/26/creating-infill-developments-true-to-their-urban-context/#4f66e8ad271c>
- "How Incremental Development Came to Miami" by Andrew Frey, strongtowns.org, November 25, 2019 <https://www.strongtowns.org/journal/2019/11/25/small-and-incremental-development>
- "Stay Alfred Little Havana by Tecela" architectmagazine.com, October 14, 2019 <https://www.architectmagazine.com/project-gallery/stay-alfred-little-havana-by-tecela>

Cornell AAP, Warehouse Complex, page 39, Spring 2019

"Warehouse Complex, Honor Award of Excellence in Architecture"
Florida / Caribbean Architect, Fall 2018, Official Journal of the Florida
Association of the American Institute of Architects, pg 43

AIA Florida Announces the Winners of Its 2018 Honor and Design
Awards By Maibelle Salzano, architectmagazine.com, September 11,
2018

Architectmagazine.com feature of Warehouse Complex,
[https://www.architectmagazine.com/project-gallery/warehouse-
complex_o](https://www.architectmagazine.com/project-gallery/warehouse-complex_o) August, 2018

The AIA Florida William G. McMinn, FAIA Award for Outstanding
Contributions to Architectural Education, Fall 2017 Florida/Caribbean
Architect, Official Journal of the Florida Association of the American
Institute of Architects, pg 25

"Townhouses to rise in Little Havana but where is the parking?" by Andres
Vigluzzi, Miami Herald, June 24, 2016

"Build and Let Live," by Alastair Gordon, The Miami Herald, July 12,
2015

"Coral Gables Museum exhibition Shows of Architecture Students'
concepts" by Rebeca Piccardo, The Miami Herald, August 26, 2014

"FIU Student Architects Explore Radically Short(er) Alternatives for
Downtown Miami," by Emily Schmall, Curbed Miami, November 4, 2013

"Hybrid: Office + Warehouse, Honor Award of Excellence in Architecture"
Florida / Caribbean 2013 Firm and Membership Directory, Cover

"Hybrid: Office + Warehouse, Honor Award of Excellence in Architecture"
Florida / Caribbean Architect, Fall 2012, Official Journal of the Florida
Association of the American Institute of Architects, pg 14

"A Place To Call Home" FIU Magazine, Spring 2009 – Jason Chandler
quoted as coordinator and teacher of Alumni Center Graduate Studio

"Town Center Profile, Jason Chandler Spearheading the Green Task
Force" by Donna Shelly – South Miami Town Center Magazine Vol. IV,
No. 5, 2009 - Article on Jason Chandler and his contributions as both a
practitioner and member of ERPB and Green Task Force

"A place to call home, Architecture students present designs for future
Alumni Center" by Sissi Aguila, Florida International University
Magazine, Spring 2009, Chandler quoted, coordinator of Studio

"A blob of orange tentacles a favorite to hide sewage" by Andres
Vigluzzi, The Miami Herald, December 6, 2008, Jason Chandler
mentioned as a winner of Honorable Mention

"What has Florida Built?" by Ernest Beck, Florida Inside Out,
November/December 2006, Chandler listed as "notable Faculty"

"FIU, Sweetwater Work to create "College town" District", Metropolitan News, The Metropolitan Center, Florida International University, Winter 2007

"Public wary of city as college town" Neighbors Section, The Miami Herald, November 12, 2006- Review of Sweetwater Public Presentation

"The Parachute Pavilion" Florida / Caribbean Architect, Design Awards Issue 2006, Official Journal of the Florida Association of the American Institute of Architects, pg 47

"Design Awards revealed," The Miami Herald, Real Estate Section, Sunday, November 13, 2005. A.I.A. Award of Excellence for The Parachute Pavilion by Chandler and Associates announced

Jason Chandler's First Prize for the Miami Beach Life Design Competition in Miami Beach is announced. College of Architecture, Art and Planning, Cornell University Newsletter, Winter/Spring 2005, pg20

Jason Chandler's First Prize for the Miami Beach Life Design Competition in Miami Beach is announced. GSD Notes, Harvard Design Magazine Fall 2005/ Winter 2006, pg 132

"In Miami, a Contest for the Best Lifeguard Roost" by Linda Lee, in the Currents Sections of The New York Times, December 2, 2004. Jason Chandler is noted as winning the design competition and his entry is described

"Plaza 57 marks construction milestone with " topping off" by Susan Cumins, in Community Newspapers, South Miami edition, November 30 – December 6, 2004. Description of topping off celebration, architect Jason Chandler mentioned as attending

"Hampton House in student's sights" in the Neighbor's Section of The Miami Herald, March 17, 2005. Description of Design six Hampton House studio, coordinator Jason Chandler quoted throughout article

"Beauty and the Beach" by Beth Dunlop, The Miami Herald, November 28, 2004 First Place winning entry by Jason Chandler pictured and described

Alumni News, Newsletter, College of Architecture, Art and Planning, Cornell University, Winter / Spring 2005, pg 20. Jason Chandler's First Prize for the Miami Beach Life Design Competition in Miami Beach is announced

"Growing Pains in the Grove" by Georgia Tasker, Home & Design Section of The Miami Herald Sunday, November 2, 2003 Quoted in article, professional building project described and photograph of Jason Chandler

"Scattered Housing Competition", Competitions Magazine, pg.56, Volume 12, Number 2, Listed as Honorable Mention, Summer 2002

Letters to the editor,

Architecture Magazine, July Issue, 2001 & June Issue, 1998

An American Center for Architecture in Paris
Cornell Architecture Art & Planning News, fall 1994, pg 2. Jason
Chandler's Second Place design is pictured

EXHIBITIONS:

Chandler and Associates' Warehouse Complex was exhibited at the
A.I.A. Florida, Tallahassee, Florida, 2018

"Spring 2015 Miami Urban Neighborhood Studio" at Barrio Workshop,
Little Havana, September 17th to October 11, 2015

"All buildings Great and Small," Coral Gables Museum, Coral Gables,
Florida, August 29-October 26, 2014

"Infill Variants," BAS Fisher, Miami, Florida, Fall 2013

"FIU School of Architecture Faculty Show, Recent Work" Miami Beach
Urban Studio, Florida International University, January 2013

Chandler and Associates' Warehouse Structures was exhibited at the
A.I.A. Florida, Tallahassee, Florida, 2012

Chandler and Associates' Warehouse Structures was exhibited at the
Awards Exhibition, A.I.A. Florida Convention, Palm Beach, Florida, 2012

Building Systems Integration Exhibition, Miami Beach Urban Studio,
Florida International University, April 13 - August 1, 2012

Close the Gap Exhibition, College of Architecture Gallery, University of
Houston, February to March, 2012, Chandler entry exhibited

Downtown Miami Exhibition, The Four Years of Ideas, Jorge M. Perez
Architecture Center, The University of Miami - School of Architecture,
November 9th to November 23rd, 2011, Chandler Waterworks entry
exhibited

The Chain of Eco-Homes Competition Web Exhibit:
www.freegreen.com/greensburg 2009

"Engaging the Urban, Infill projects by young Miami architects" BEA
International Gallery, Paul L. Cejas School of Architecture Building at
Florida International University, Exhibit curated, organized by Jason
Chandler. Two projects by Chandler and Associates, Architecture, P.A.
were included in the exhibit. February 2009

Downtown Waterworks Competition, Awards event and exhibit,
Miami-Dade College, Chapman Center, Friday, December 5, 2008

Downtown Waterworks Competition Web Exhibit at:
<http://www.flickr.com/photos/downtownmiami>, 2008-2009

Market Value Competition Entrants, Web exhibit:
www.marketvaluecompetition.org, 2008

Reconciling Context, Buildings and Projects by Jason R. Chandler
University of Massachusetts, Amherst, Department of Art, Architecture &
Art History, April 2008

Reconciling Context, Buildings and Projects by Jason R. Chandler
Florida Atlantic University, School of Architecture, October 2007

Organizer, Curator (with R. Rovira) and Participant, Faculty Compete
Exhibition, BEA International Gallery, School of Architecture, Florida
International University, projects exhibited: The Parachute Pavilion,
Stockholm Public Library Competition Entry and Miami Beach Lifeguard
Station, Spring 2007

Chandler and Associates' The Parachute Pavilion was exhibited at the
Awards Exhibition, A.I.A. Florida Convention, Boca Raton, Florida, July
29, 2006

"Integrated Vistas" entry by Chandler and Associates was exhibited for
Stockholm Public Library Competition web exhibit
<http://www.arkitekt.se/s26256>, 2006

"Integrated Vistas" entry by Chandler and Associates was exhibited at
the Stockholm Public Library Competition exhibit, Stockholm, Sweden,
2006

Chandler and Associates' The Parachute Pavilion, Miami Chapter A.I.A.
Finalist Exhibition, The Moore Building November 11, 2005

Chandler and Associates' The Parachute Pavilion entry was exhibited in
"The Parachute Pavilion: An Open Design Competition for Coney Island
an exhibition of the 864 submissions" The Van Allen Institute, New York,
New York., July 7th to October 21, 2005

Chandler and Associates' The Parachute Pavilion entry was exhibited on
the web at:
www.vanallen.org/competitions/ConeyIsland/exhibit/gallery/main.swf,
2005

Life Design Competition, Art Deco Welcome Center, Miami Beach,
Florida November 20, 2004 to January 5, 2005

Chandler and Associates' SECCA Home Entry has been included in the
HOME House Project National Tour and will be at the following venues:
Southeastern Center for Contemporary Art in Winston-Salem,
North Carolina (October 2003); The University of North Texas Art
Gallery, Denton, Texas (April 8 – May 25, 2004); The
Contemporary Art Center of Virginia, Virginia Beach, Virginia
(June 13 – July 14, 2004); The Neighborhood Housing Services
of Asheville in collaboration with the Asheville Art Museum,
Asheville, North Carolina (Sept 1 - October 31, 2004); Center for
Visual Art and Culture, University of Maryland, Baltimore County,
Baltimore, Maryland (Sept 30 -- Nov 30, 2004);
El Paso Museum of Art, El Paso, Texas (April 24 – August 14,
2005) Museum of Design, Atlanta, Georgia (Jan 16 – April 15,
2006); Fredrick R. Weisman Art Museum of Art, Univ. of

Minnesota (Jan 28 – Apr 30, 2006); Contemporary Arts Center,
Cincinnati (May 5 – Jul 30, 2006)

The Teachings, Theory and Practice of University Professors
AIA Miami, Coral Gables, Florida, May 2, 2003

Florida International University, Green Library, Miami, Florida
Scattered Housing Exhibition, Spring 2002

Museum of Contemporary Art, North Miami, Florida
Scattered Housing Exhibition, October – November 2001

University of Miami, School of Architecture, Miami, Florida
Harvard Graduate School of Design Alumni in Miami Show, Spring 2000

Florida International University, School of Architecture, Miami, Florida
Faculty Show, Spring 1999, Spring 2002, Spring 2004, Spring 2008,
Spring 2017

The Americas Collection, Coral Gables, FL
Group Show, May 1997, 1998

National Institute for Architectural Education, New York, New York
81st Paris Prize Architectural Design Competition Exhibition
Spring 1994

PEER REVIEWED &
INVITED PANELS &
PRESENTATIONS

Visiting faculty, 2017 Visiting Faculty Program, University of Minnesota
School of Architecture, November 8-9, 2017

“Working Together,” Christopher Kelley Leadership Program, University
of Miami School of Architecture, Panel Discussion, October 13, 2017

“Architecture Now, Building towards a Nomadic Future” BFI, Art Center
South Florida, Panel Discussion, September 21, 2017

“Reconciling Terragni,” Giuseppe Terragni in Rome Conference, Miami
Center for Architecture and Design (MCAD), April 16, 2016

“Modes of Delivery” Making Digital Curriculum and Today’s Student,
Chair’s Discussion, ACSA Administrator’s Conference, San Juan, Puerto
Rico, November 14, 2015

Panelist, “Marking the Millennium Discussion” Coral Gables Museum,
April 2, 2014

Presenter, LAB Book Talk “Infill Variants” The LAB Miami, Miami, Florida
October 10, 2013

“Building Systems Integration”, Paul L. Cejas School of Architecture
Building, Florida International University with Shahin Vassigh, April 12,
2012

“Downtown Miami Exhibition, The Four Years of Ideas”, Roundtable
Discussion. Jorge M. Perez Architecture Center, The University of Miami,
School of Architecture, November 9, 2011

“Engaging the Urban, Infill projects by young Miami architects”
Roundtable Discussion. Introduction given by Jason Chandler. Paul L.
Cejas School of Architecture Building, Florida International University,
February 3, 2009

Presented Paper: “Pre-cast School, Bernard Tshumi’s Dialectic
Diagrams” at 2008 ACSA Northeast Fall Conference, Without a Hitch:
New Directions in Prefabricated Architecture, University of
Massachusetts Amherst, September 25-27, 2008

Lecture Presentation “Jason Chandler – Works,” University of Miami
School of Architecture, October 15, 2008

“Reconciling Context, Buildings and Projects by Jason R. Chandler”
University of Massachusetts, Amherst, Department of Art, Architecture &
Art History, April 2008

“Neighborhood Hurricane Wind Dynamics,”
96th ACSA National Annual Meeting, Houston, March, 2008

“Reconciling Context, Buildings and Projects by Jason R. Chandler”
Florida Atlantic University, School of Architecture, October 2007

“Public Service: The Architect’s Role on Design Review Boards,”
Assuming Responsibly, the Architecture of Stewardship, ACSA
Southeast Conference, Catholic University, School of Architecture, 2007

Participant, Writing Team 9, Cranbrook 2007, Integrated Practice and the
Twenty-first Century Curriculum, Cranbrook Academy of Art, June 28-
July 1, 2007

Speaker, Faculty Compete Gallery Talk, BEA International Gallery,
School of Architecture, Florida International University, March 8, 2007

“Sweetwater Transit Corridor and College town Study” Jorge Mas
Canosa Youth Center, Sweetwater Florida November 8, 2006 With C.
Rosales, R. Rovira and D. Moreno

Jason Chandler presented “Mechanisms of Vertical Surface- The Wall
Section Model” at the Building technology educator’s symposium,
University of Maryland August 4, 2006

Jason Chandler presented The Parachute Pavilion at “The 2006 Leaders
in design Excellence: An In-depth Review of the A.I.A. Florida Design
Awards” July 30, 2006

“Teaching and Buildings, Jason Chandler” Search Candidate
Presentation, School of Architecture, Planning and Preservation,
University of Maryland, March 3, 2006

“Lewerentz’s Glass” paper presented at Francis Lyn’s Asplund seminar
at Florida Atlantic University, School of Architecture, Fort Lauderdale,
Florida, November 14, 2005

"The Hometown Plan of South Miami" paper presented to the Eleventh Biennial SACRPH Conference, Coral Gables Oct. 20-23, 2005

"A new mixed use project in "The Hometown Plan" of South Miami" paper presented to the 43rd International Making Cities Livable Conference "True urbanism & the European Town Square" Venice, Italy, June 20-24, 2005

Presentation of "The FIU Solar House" at Conference on Sustainable Architecture and New Technologies in Architecture at Universidad UNIACC in Santiago de Chile November 10, 2004 (via videoconference)

"Museum As Public House", Architect Gallery Talks, JAM at MAM, Miami Art Museum, Miami, Florida December 18, 2003

Capstone Assessment, Paper Session, moderated by Jason Chandler, 2003 ACSA Southeast Regional Conference, Tampa, Florida, Saturday, November 8, 2003

"On finishing School: Understanding Building through Drawing", 2003 ACSA Southeast Regional Conference, Tampa, Florida, Friday, November 7, 2003

Symposium on Contemporary Architectural Education & Practice University of Miami, School of Architecture, Coral Gables, Panelist, Spring 2001

Hometown Overlay Ordinance-Technical Committee City of South Miami, FL, Committee Member, July 1999

INVITED JURIES:

Boston Architectural Center, Broward Community College, Florida Atlantic University, Harvard University, Southern California Institute of Architecture, Syracuse University, University of Maryland, University of Miami

NATIONAL SERVICE:

Nominator, Young Architects Program (YAP), MOMA PS1 and the Museum of Modern Art, 2015, 2016, 2017, 2018

Exhibitions Committee Member, 2010 National A.I.A. Meeting in Miami

Alumni Interviewer, College of Architecture, Art and Planning, Cornell University Spring, 2006 to 2010

COMMUNITY SERVICE:

Chair, South Miami Environmental Review and Presentation Board, City of South Miami, Florida 2009 to 2011

Member, South Miami Environmental Review and Presentation Board, City of South Miami, Florida, 2006 to 2011

Founding Chair, Green Task Force, City of South Miami, Florida, 2008 to 2009

UNIVERSITY

SERVICE: Provost appointment, FIU *Next Horizon* Strategic Plan Member, University Rankings Committee, Spring 2019

Provost appointment, Member, University Preeminent Programs Selection Committee, Spring 2018

Provost appointment, Member, University Preeminent Programs Selection Planning Committee, Fall 2015

Selection Committee Member, Recreation Complex Expansion, Spring 2014

Selection Committee Member, BT 837 US Century Bank Arena Expansion, 2010

Selection Committee Member, BT 877 Stempel Complex, FIU, 2010

University Undergraduate Curriculum Committee Member, School of Architecture Representative 2004-2005

COLLEGE SERVICE: Chair, CARTA faculty Assembly, Summer 2013

Vice Chair, CARTA faculty Assembly, 2010-2013

CARTA Representative, Architecture Department, 2009-2013

Chair, SOA Lecture and Exhibitions Committee, 2006-2007

DEPARTMENT SERVICE: National Council of Architectural Registration Boards, FIU Department of Architecture, IDP Educator Coordinator, 2009-2013

Co-chair, Faculty Search Committee, School of Architecture, Spring 2011

Chair, Technology Accreditation Response to visiting team report, Fall 2009

Co-chair, Technology and History Faculty Search Committee, School of Architecture, Spring 2007

School of Architecture Faculty Search Committee Chair, Landscape Position Search, Spring 2005

School of Architecture Faculty Search Committee member, Digital Position Search, Spring 2005

School of Architecture, Architecture Director Faculty Search Committee member, Spring 2004

School of Architecture, Interior Design Director Faculty Search Committee member, Spring 2004

School of Architecture, Lower division coordinator Faculty Search Committee member – Spring 2004

AIA
SERVICE:

AIA Florida, William G. McMinn, FAIA Award for Outstanding
Contributions to Architectural Education
Honor Award Jury Member, 2018, 2019

Alabama AIA State 2017 Awards
Design Award Jury Member

Palm Beach, FL AIA 2017 Awards
Design Award Jury Member

AIA Miami Board
Representative for Florida International University
2014 to present

NICK GELPI
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FLORIDA INTERNATIONAL UNIVERSITY
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1. CURRICULM VITAE

EDUCATION

Masters of Science in Advanced Architectural Design, Columbia University, 2003.

Bachelor of Architecture, Tulane University, Tulane School of Architecture, 2002.

FULL TIME ACADEMIC EXPERIENCE

Florida International University, Associate Professor, Architectural Design, August 2012 – present.

Massachusetts Institute of Technology, School of Architecture and Planning, Lecturer, Architectural Design, August 2009 - January 2012.

The Ohio State University, Austin E. Knowlton School of Architecture, Howard E. LeFevre '29 Emerging Practitioner Fellowship in Architecture, Visiting Assistant Professor, Architectural Design, September 2008 - June 2009.

PART-TIME ACADEMIC EXPERIENCE

Parsons The New School of Design School of Constructed Environments, Instructor, Summer Intensive Studies in Architecture 2, Summer 2011 + Summer 2012.

NON ACADEMIC EXPERIENCE

GELPI Projects llc, Miami, FL, Founder and Design Principal, 2011 – present.

Steven Holl Architects, New York, NY, Lead Project Designer, Project Team Member, 2004 – 2008, 2009.

N Architects, New York, NY, Project Manager, 2004.

EMPLOYMENT RECORD AT FIU

Assistant Professor, 2012 – 2019

Associate Professore, 2019-present

PUBLICATIONS IN DISCIPLINE

BOOKS

Gelpi, Nick. *FROM REPRESENTATION TO REALITY / The Architecture of Full Scale Mockups*. New York: Routledge, Expected publication date Winter 2020.

(Book Contract signed October 2014, Manuscript submitted to publisher May 2018, Expected publication date: March 2020.)

ARTICLE, PEER REVIEWED

"Pervasively Exotic: Alien Concrete in Miami." **CLOG, MIAMI**. Masthead, Canada. (2013) 50-51.

ARTICLES, NOT PEER REVIEWED (NPR)

"BALLOONING (HOLLOW THIN 3D)Notes on Practice," in Hirschman, Sarah, ed., *TESTING TO FAILURE: Design and Research in MIT's Department of Architecture*, SA+P Press, Cambridge, 2011, ISBN:978-0-9836654-0-3, pp194-195.

"UNFLAT PAVILION, FAST festival of Art Science and Technology, Project," in Hirschman, Sarah, ed., *TESTING TO FAILURE: Design and Research in MIT's Department of Architecture*, SA+P Press, Cambridge, 2011, ISBN:978-0-9836654-0-3, pp 239-244.

"Mockups," *FORWARD: v 209: ORNAMENT*, Fall 2012. Volume 8, No. 2. *The Architecture and Design Journal of the National Associates Committee*, Published biannually by the American Institute of Architects (Fall 2009) 14-20.

"Material + Assembly," Cox, Martin; Gelpi, Nick; in Carter, Brian; LeCuyer, Annette W., eds., "EXPERIMENTS IN POROSITY: Steven Holl," University of Buffalo, Buffalo, 2005, ISBN 0-9771057-1-7, P 35.

PROCEEDINGS

"LOST AND FOUND IN TRANSLATION: Paradoxically Between the Near and Far, The Virtual and Actual, The Real and Representational, and Between Drawings and Buildings."

2017 Fall Conference Paper Proceedings of the Association of Collegiate Schools of Architecture | CROSSINGS BETWEEN THE PROXIMATE AND REMOTE. Marfa Texas, 2017 Fall Conference, 46-51.

"PAINTING ARCHITECTURE: House Paint Pavilion in Detroit Michigan," Proceedings of the Association of Collegiate Schools of Architecture International Conference. Santiago, Chile. 2016 International Conference | CROSS AMERICAS: Probing Disglobal Networks, 2016.

"NATIVE ALIEN: Exotic Concrete House in the Tropics," Proceedings of the Association of Collegiate Schools of Architecture International Conference. Santiago, Chile. 2016 International Conference | CROSS AMERICAS: Probing Disglobal Networks, 2016.

"EXOTIC CONSTRUCTIONS / Incorporating Invasive Species in the Design-Build Studio," Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Halifax, Nova Scotia. 2014 Fall Conference | WORKING OUT: thinking while building. 2014

"MOCK-PLAY / From Vorkurs to Digital Fabrication and Design-Build," Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Halifax, Nova Scotia. 2014 Fall Conference | WORKING OUT: thinking while building. 2014

"TABLE DISTORTIONS," Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Halifax, Nova Scotia. 2014 Fall Conference | WORKING OUT: thinking while building. 2014.

"ON THE EDGE OF FAILURE / UNFLAT PAVILION," Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Halifax, Nova Scotia. 2014 Fall Conference | WORKING OUT: thinking while building. 2014.

"ADAPTIVE FABRICATIONS: Rapid Directions in Design Build."

Proceedings of the Association of Collegiate Schools of Architecture National Meeting. ACSA 102nd NATIONAL CONFERENCE: GLOBALIZING ARCHITECTURE: Flows and Disruptions. 2014.

"MOCKING THE MUSEUM: COMPELLING EVIDENCE OF PREMEDITATION."

Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Ft Lauderdale, FL. 2013 ACSA Fall Conference | Subtropical Cities. 2013.

"THE UNFLAT PAVILION: A New Responsive Materialism + Adaptive Fabrication."

Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Ft Lauderdale, FL. 2013 ACSA Fall Conference | Subtropical Cities. 2013.

"KINETIC FORMS OF KNOWLEDGE FOR DESIGN." Gelpi, Nick, and Shahin Vassigh.

In *Knowledge-based Design*. Proceedings of the 17th Conference of the Iberoamerican Society of Digital Graphics, 510-514. SiGraDi. Valparaíso, Chile, 2013.

CHAPTERS IN BOOKS

Gelpi, Nick. "MOCKUPS." In *The LeFevre Fellowship*, edited by Benjamin Wilke, 84-93. Novato CA: Applied Research and Design Publishing. An Imprint of ORO Editions. Gordon Goff: Publisher, Autumn 2018.

Gelpi, Nick. "DETAILS." (Chapter introduction) In *OUT OF SCALE / AIA Small Projects Awards 2005-2014*, edited by Mark Manack, 153. ORO Editions, Spring 2015.

PRESENTED PAPERS AND LECTURES

LECTURE

MUSEUM GARAGE DISCUSSION + WORK OF GELPI PROJECTS, TERRY RILEY, GERMANE BARNES
Institute of Contemporary Art Miami, October 24th 2018
<https://www.icamiami.org/calendar/roca-tile-museum-garage-discussion/>

LECTURE

"Miami Experimental: Expanding the Envelope,"
FACADES+AM MIAMI / CONFERENCE
Miami Hilton Downtown, October 4th 2018
<http://am2018miami.facadesplus.com/>

LECTURE

"MOCKUPS AND OTHER STRANGE CONSTRUCTIONS,"
University of Milwaukee Wisconsin, School of Architecture and Urban Planning,
FALL LECTURE SERIES, Milwaukee WI, November 10th 2017.

LECTURE

"ON THE POTENTIALS OF PERSONAL FABRICATION IN THE MASS HOUSING MARKET,"
Presentation to ODL Corporation, Zeeland Michigan, November 9th 2017.

LECTURE

"LESS THAN EXOTIC,"
University of North Carolina Charlotte, September 29th 2017.
Invited conference (*ON LOCATION: four emerging architecture practices*): AGENCY, GELPI Projects, SILO AR+D, and Studio: Indigenous. These practices deliberately use a specific geography, venue, or cultural context as a means of advancing, positioning, and locating architectural projects.

PRESENTED PAPER

"LOST AND FOUND IN TRANSLATION," October 2017, Association of Collegiate Schools of Architecture Regional Meeting | Marfa Texas, 2017 Fall Conference | CROSSINGS BETWEEN THE PROXIMATE AND REMOTE.

LECTURE

"MATERIAL AND FORM"

Featured Speaker for "INNOVATION" - AIAS SOUTH QUAD CONFERENCE 2017, April 1st, 2017.
Washington Gallery, Miami Beach Urban Studios, Miami Florida

LECTURE

"THICKER FACSIMILES"

Columbia University, Graduate School of Architecture Planning and Preservation
PEDAGOGY IN THE AGE OF DISRUPTION, February 2017

LECTURE

"EXPANDING THE PALLETE: HI-TECH TOOLS + LO-TECH FAB"

Featured Speaker for FACADES PLUS CONFERENCE | MIAMI 2017, January 26, 2017.
Sponsored by the Architects Newspaper, Faena Forum, Miami Beach FL

LECTURE + PANEL DISCUSSION

A Scientific Spirit: Symposium on Emergent Design Strategies/ United Nations and Design Miami/ Building Legacy Talk
DESIGN MIAMI, MIAMI BEACH FLORIDA, December 1st 2016
Other Presenters and Panelists: Andrew Kudless, Jorgen Platou Willumsen, Stian Korntved Ruud, Oana Stanescu,
Skylar Tibbits, Louis Zahareas, Nick Gelpi.

PRESENTED PAPER

"PAINTING ARCHITECTURE: HOUSE PAINT PAVILION IN DETROIT MICHIGAN," June 29th, 2016.
Association of Collegiate Schools of Architecture International Conference 2016 | " CROSS AMERICAS: Probing
Disglobal Networks." Pontifica Universidad Catholica de Chile, Santiago Chile.

PRESENTED PAPER

"NATIVE ALIEN: EXOTIC CONCRETE HOUSE IN THE TROPICS," June 30th, 2016.
Association of Collegiate Schools of Architecture International Conference 2016 | " CROSS AMERICAS: Probing
Disglobal Networks." Pontifica Universidad Catholica de Chile, Santiago Chile.

PUBLIC JUROR

Invited Juror for the HEINTZELMAN + KREMER DESIGN COMPETITION, MAY 6th, 2016
Best Thesis Projects for SCHOOL OF ARCHITECTURE, KANSAS STATE UNIVERSITY.

LECTURE

"RECENT WORK AND RESEARCH FROM GELPI PROJECTS" March 2 2016.
University of Miami, Rinker Classroom, Spring 2016 High Noon Lecture Series.

LECTURE + PANEL DISCUSSION

"MADE IN AMERICA / SALON TALK," May 14th, 2015.
MAISON & OBJET AMERICAS at Miami Ironside.
PANELISTS: Terry Riley, Kobi Karp, Deborah Wecselman, Nick Gelpi.

CONFERENCE INTRO

"BUILDING 2050," March 21st 2015.
Paul L. Cejas Eminent Scholar Fund, Co-Chairs Nick Gelpi and Elysse Newman, March 2015,
Funded conference \$14,000.00.

LECTURE

"MATERIAL CONSEQUENCES," October 9th 2014.
FALL SEMESTER Symposium / University of Wynwood, Miami, Florida, fallsemester.org

PRESENTED PROJECT

"ON THE EDGE OF FAILURE / UNFLAT PAVILION," October 17th 2014.
Association of Collegiate Schools of Architecture Regional Meeting. 2014 Fall Conference | " WORKING OUT: thinking
while building." Dalhousie University. Halifax Nova Scotia.

PRESENTED PROJECT

"TABLE DISTORTIONS," October 17th 2014.

Association of Collegiate Schools of Architecture Regional Meeting. 2014 Fall Conference | "WORKING OUT: thinking while building." Dalhousie University. Halifax Nova Scotia.

PRESENTED PAPER

"MOCK PLAY / From VORKURS to Digital Fabrication and Design Build," October 17th 2014.

Association of Collegiate Schools of Architecture Regional Meeting. 2014 Fall Conference | "WORKING OUT: thinking while building." Dalhousie University. Halifax Nova Scotia.

PRESENTED PAPER

"EXOTIC CONSTRUCTIONS / INCORPORATING INVASIVE SPECIES IN DESIGN-BUILD STUDIO," October 16th 2014.

Association of Collegiate Schools of Architecture Regional Meeting. 2014 Fall Conference | "WORKING OUT: thinking while building." Dalhousie University. Halifax Nova Scotia

LECTURE

"SURFACE + CONSTRUCTS," September 2014.

Invited Lecture with Vladimir Kulic, part of Flagler Village Artwalk at Glavovic Studio, Ft. Lauderdale, FL.

LECTURE

"MINIMAL," June 6th 2014.

Invited Lecture, CREATIVE MORNINGS MIAMI, The LAB MIAMI. Miami, Florida.

PRESENTED PAPER

"ADAPTIVE FABRICATIONS: Rapid Directions in Design Build," April, 2014, Association of Collegiate Schools of Architecture National Meeting. 2014 ACSA 102nd NATIONAL CONFERENCE: GLOBALIZING ARCHITECTURE: Flows and Disruptions, Session: Design/Build X-change, Miami Beach, FL.

LECTURE + PANEL DISCUSSION

"CLOG: MIAMI," February 28th 2014.

Invited Panel Discussion participant, for CLOG MIAMI book launch, The Wolfsonian, Miami Beach, FL.

LECTURE + WORKSHOP

"THE ARCHITECTURE of NEW TECHNOLOGIES" February 2014,

YOUNG ARTS FOUNDATION, MASTERS CLASS INSTRUCTOR / LECTURE+WORKSHOP, Miami, Florida.

PRESENTED PAPER

"MOCKING THE MUSEUM: *Compelling Evidence of Premeditation at the Perez Art Museum of Miami*," October 2013, Association of Collegiate Schools of Architecture Regional Meeting. ACSA FALL CONFERENCE: Subtropical Cities, Fort Lauderdale, Florida.

PRESENTED PAPER

"THE UNFLAT PAVILION: A New Responsive Materialism + Adaptive Fabrication," October 2013, Association of Collegiate Schools of Architecture Regional Meeting. ACSA FALL CONFERENCE: Subtropical Cities, Fort Lauderdale, Florida.

LECTURE

"PRACTICING PRACTICE," April 2013, SPRING LECTURE SERIES, Florida International University, College of Architecture and the Arts. Miami FL.

LECTURE + PANEL DISCUSSION

"FALSEWORK," January 2012, Invited Lecture, "WHITHER INSTALLATION: The Ends of Small-Scale Architectural Work Today Symposium." University of Michigan, Taubman College of Architecture and Urban Planning. Panel members: Nick Gelpi, Monica Ponce de Leon, Benjamin Ball, Jimenez Lai, Elena Manferdini, Ann Arbor, MI.

LECTURE + PANEL DISCUSSION

"SCIENCE VS STORYTELLING," June 2011, Invited lecture "ARCHIPRIX 2011," MASSACHUSETTS INSTITUTE OF

TECHNOLOGY, Lecture and Panel Discussion, Participants: Nick Gelpi + Filip Teichman, Nida Rehman + Daniel Cardoso Llach, Cambridge MA.

LECTURE AND PANEL DISCUSSION

"UNFLAT PAVILION," May 2011, Invited lecture and panel discussion, MIT's 150th Anniversary Symposium, Festival of Arts Science and Technology, Participants: Nick Gelpi, Sheila Kennedy, Nader Tehrani, Meejin Yoon, Liam O'Brien, Joel Lamere, and Skylar Tibbits. Cambridge MA.

LECTURE AND PANEL DISCUSSION

"New Directions in Computational Design," October 2010, Invited lecture and panel discussion, moderated by Sanford Kwinter, HARVARD UNIVERSITY, Participants: Paul Andersen, Nick Gelpi, Elena Manfredini, Rhett Russo, David Ruy, Cambridge MA.

LECTURE

"THIS IS ONLY A TEST," February 2010, Invited lecture, MUSEUM OF CONTEMPORARY ART – MIAMI, Time for Design, Designers Forum - Architecture Forward, North Miami Beach, FL.

LECTURE

"MOCKUPS," May 2009,

CONFLUENCE: THE SPRING LECTURE SERIES

THE OHIO STATE UNIVERSITY, Knowlton School of Architecture, Columbus, OH.

LECTURE

"RIDDLED Furniture," November 2007,

Invited lecture, SOUTHERN CALIFORNIA INSTITUTE OF ARCHITECTURE, Architect Magazine, First Annual R+D Awards Symposium, Los Angeles, CA.

PANEL DISCUSSION

PUBLIC JURY/PANEL DISCUSSION, March 2006,

Material Connexion, AIA Center for Architecture, New York, NY.

INVITED EXHIBITIONS

-

"ON LOCATION"

Storrs Gallery, University of North Carolina at Charlotte, September 29 - November 17th, 2017.

Conceived and organized by School of Architecture professor Marc Manack, *On Location* brings together the work of four emerging architecture practices: AGENCY, GELPI Projects, SILO AR+D, and studio: indigenous. These practices deliberately use a specific geography, venue, or cultural context as a means of advancing, positioning, and locating architectural projects.

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FROST ART MUSEUM

FIU Faculty and Staff Art Exhibition, August 22nd, 2017

Installation of "TEXTURED LIGHT."

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SATELLITE ART FAIR

"TEXTURED LIGHT" installation at The Perez Art Museum Miami Contemporaries Penthouse

The Parisian Hotel, Miami Beach FL, December 2016.

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YOUNG ARTISTS INITIATIVE

"TEXTURED LIGHT" installation at The Moore Building, for DESIGN AND ITS DIMENSIONS.

Miami Design District, Miami Florida, October 28th 2016.

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"TEXTURAL / recent work of GELPI Projects"

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects.

Miami Beach Urban Studios, Design Gallery, October 2016

-

MCHAP JURY EXHIBITION

MCHAP 2014/2015 EXHIBITION at S.R. Crown Hall

Exhibition of Nominated Projects

Illinois Institute of Technology, Chicago Illinois, 2016

March 4th-5th

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"INFINITY EDGE" in 5x5 Participatory Provocations

Group Exhibition curated by Kyle May, Kevin Erickson + Julia Van den Hoot.

University of Illinois at Urbana-Champaign, February 15th 2016.

Cleveland at the Cleveland Urban Design Collaborative, July 11th - August 24th 2016.

Rhode Island School of Design, October 3rd 2016.

New York Center for Architecture, July 11th, 2017.

SUMMARY: A travelling exhibit of 25 architectural models by 25 young American architects of 5 contemporary issues, each addressed by 5 firms.

PRESS:

Messner, Matthew, "Twenty five architects tackle five current issues with 25 models in this Illinois

exhibition" Feb 18th 2016, A/N Blog, The Architects Newspaper. Accessed 19 February 2016,

<http://blog.archpaper.com/2016/02/5x5-show-explores-five-current-issues-twenty-five-models/#.VscxSeY3JoN->

-

"PRODUCTIONS: ATMOSPHERES. OBJECTS. SURFACES"

Curated by Clay Odom, January 25 – March 4th 2016.

The University of Texas at Austin, Mebane Gallery, Goldsmith Hall, Austin, Texas.

The exhibition, curated and designed by Assistant Professor Clay Odom, explores concepts related to the generation of spatial, atmospheric and material effects through the exhibition of exciting, recent projects from a range of contemporary, speculative practices including: Baumgartner+Uriu, Gelpi Projects, Michael Hansmeyer, Andres Jaque/Office for Political Innovation, Jorge Ayala/[AY]architecture, LEONG-LEONG, Atelier Manferdini, Mark Foster Gage Architects, murmur/Heather Roberge, Catie Newell + Wes McGee, Numen/For Use, Oyler-Wu, Path, Rael San Fratello, Philippe Rahm Architectes, SelgasCano, ISSStudio, Softlab, and The Very Many.

PRESS:

Odom, Clay, "PRODUCTIONS: ATMOSPHERES. OBJECTS. SURFACES,"

<https://soa.utexas.edu/events/productions-atmospheres-objects-surfaces>

-

PULSE MIAMI BEACH CONTEMPORARY ART FAIR

Patricia Sweetow Gallery, December 1-5 2015, Indian Beach Park, Miami Beach, Florida.

Exhibition of 18 limited edition stools, a collaboration between Markus Linnenbrink and Nick Gelpi.

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"LINNENBRINK/GELPI/BRUMIT"

Wasserman Projects opens its new location in Eastern Market with inaugural exhibition,

LINNENBRINK/GELPI/BRUMIT, featuring large scale interactive installations that push the boundaries of art, architecture and sound.

WASSERMAN PROJECTS GALLERY, Detroit, 3434 Russell Street, #502 (Sep 25th – Dec 12th 2015)

PROJECTS EXHIBITED:

PRINTED STOOLS / INTENTIONALLYLEFTBLANK, collaboration between Nick Gelpi + Markus Linnenbrink.

HOUSE PAINT PAVILION / THEFIRSTONEISCRAZYTHESECONDONEISNUTS, collaboration between Nick Gelpi + Markus Linnenbrink.

-

"RENOVATIONS"

September 13th – October 23rd 2015.

Installation of drawings at "RESIDENTIAL PROPERTIES," Curated by Felice Grodin,

The Fountainhead Residency, Miami, Florida.

PRESS:

Tschida, Anne, "Visual arts: Mired in place, in Miami " 09 October 2015, *The Miami Herald*. Accessed 09 October 2015, <http://www.miamiherald.com/entertainment/visual-arts/article38365203.html>

INNOVATION AND INTEGRATION IN DIGITAL FABRICATION

Group Exhibition curated by John Stuart: Nick Gelpi, Eric Goldemburg, Orlando Garcia, Jacek Kolasinski, Nick Gilmore
MIAMI IRONSIDE and FIU College of Architecture + The Arts and
Miami Ironside, 7610 NE 4th CT, Miami FL 33138, May 15 2015.

CREATIVE WORK

CURATED EXHIBITIONS

"BUILDING 2050"

Exhibition of 4 specific buildings from Latin American Architects, Solano Benitez (Paraguay), Mauricio Rocha (Mexico), Elisa Silva (Venezuela), Juan Ignacio Cerda (Chile), MBUS Main Gallery, Miami Beach, March 2015.

"DRAWN FROM MIAMI,"

Co-Curator, Exhibition Designer, December 2013 – February 2013, Fellow curators: Terry Riley, Alan Schulman, Jean Francoise Lejeune + Jacob Brillhart. Miami Center for Architecture and Design, Miami, Florida.

PRESS:

Pucciarelli, Alexandra, "MIAMI TURNS UP THE HEAT," 06 February 2014, *The Architects Newspaper*. Accessed 26 January 2015,
<http://archpaper.com/news/articles.asp?id=7087#.VMZieS4mtTs>

ARCHITECTURAL DESIGN, GELPI Projects

(The following selected works are projects, for which I was the lead designer responsible for all design decisions from conception through execution as design principal of GELPI Projects.)

SELECTED PRESS:

THE ARCHITECTS NEWSPAPER

"WHO YOU NEED TO KNOW IN MIAMI'S UP AND COMING DESIGN SCENE"

By THE EDITORS, April 27 2017.

THE ARCHITECTS NEWSPAPER (MAY ISSUE)

In Print and online

<https://archpaper.com/2017/04/miami-up-and-coming-design-scene/>

MODERN LUXURY INTERIORS SOUTH FLORIDA, MIAMI MAGAZINE

"SINGULAR SENSATION"

By Adam Pitluk, Jan 31, 2017.

In Print and online:

<https://modernluxury.com/interiors-south-florida/story/singular-sensation>

MATERIA

"EXOTIC TILE EMERGES FROM THE EVERGLADES"

Dec 17, 2014, <https://materia.nl/article/exotic-tile-emerges-everglades/>

CURBED

"MEET NICK GELPI: MATERIALS INNOVATOR AND CURBED YOUNG GUN"

By Rachel B. Doyle, Dec 1, 2014.

<https://www.curbed.com/2014/12/1/10017164/meet-the-2014-curbed-young-guns-nick-gelpi>

CURBED

"MEET YOUR CURBED YOUNG GUNS FINALISTS: THE TECHNOPIONEERS"

Annie Werbler, Nov 19, 2014.

<https://www.curbed.com/2014/11/19/10023526/meet-your-curbed-young-guns-finalists-the-technopioneers>

CREATIVE WORK / DESIGN PROJECTS

-

HYPOSTYLE PARK (FURNITURE/ ARTIFACTS / PUBLIC INSTALLATION) (2018-present)

500 Square foot design for the construction of a new public seating area to be constructed in the public street's parallel parking spaces, within Miami's DESIGN DISTRICT, Miami FL.

-

(STATUS / DESIGN DEVELOPMENT)

-

THE COCONUT GROVE PLAYHOUSE / RENOVATION AND ADDITION (BUILDING) (2017)

Conceptual Design for the renovation and addition to the historic 1926 Coconut Grove Playhouse, including new community park, public performance facilities, new theater, education spaces and parking garage. Estimated Budget 60 Million. Miami FL. (2017)

-

(STATUS / UNBUILT)

EXHIBITIONS:

-

"ON LOCATION"

Storrs Gallery, September 29 - November 17th, 2017

University of North Carolina at Charlotte, Charlotte, North Carolina.

-

EVENTSTAR OFFICES FURNITURE (FURNITURE) (2016-2017)

Design of custom furniture for new office buildout, consisting of workstations and conference table. Budget \$30,000.

-

(STATUS / BUILT)

-

TEXTURED LIGHT (ARTIFACT / INSTALLATION) (2017)

Design and fabrication of a 3D-printed light module, which can be arranged in unique patterns. Module size = 6" x 6", overall installation 24' x 4'.

-

(STATUS / BUILT)

EXHIBITIONS:

-

FROST ART MUSEUM

FIU Faculty and Staff Art Exhibition, August 22nd, 2017,
Installation of "TEXTURED LIGHT."

-

SATELLITE ART FAIR

"TEXTURED LIGHT" installation in The Perez Art Museum Miami Contemporaries Penthouse
The Parisian Hotel, Miami Beach FL, December 2016.

-

YOUNG ARTISTS INITIATIVE

"TEXTURED LIGHT" installation at The Moore Building, for DESIGN AND ITS DIMENSIONS.
Miami Design District, Miami Florida, October 28th 2016.

-

"TEXTURAL / The recent work of GELPI Projects"

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects.
Miami Beach Urban Studios, Design Gallery, October 2016

-

EXOTIC CONCRETE HOUSE (BUILDING) (2014-2016)

2700 square foot addition and renovation of existing 1963 structure, Addition includes the cladding of exterior with an innovative exterior tiling made of reconstituted invasive species trees from the Florida Everglades. Estimated construction budget: \$250,000, Miami Beach FL.

-

(STATUS / BUILT)

AWARDS:

-

MERIT DESIGN AWARD

Category: Divine Detail

AIA AMERICAN INSTITUTE OF ARCHITECTS, MIAMI CHAPTER DESIGN AWARDS

Exotic Concrete House, 2016.

-

ACSA TOP PROJECT WINNER

ACSA CROSS AMERICAS INTERNATIONAL CONFERENCE 2016, SANTIAGO CHILE:

"NATIVE ALIEN: Exotic Concrete House in the Tropics," June 30th 2016.

(The competition to be selected to present your project at the conference was competitive, with a 38% acceptance rate. 4 out of the 34 accepted projects were given the Top Project recognition.)

-

FORWARD THINKING INDIVIDUAL AWARD

MIAMI BEACH CHAMBER OF COMMERCE

5th Annual City National Bank Better Beach Awards,

From the Miami Beach Chamber of Commerce: April, 2017.

-

FIU TOP SCHOLAR AWARD

For project Exotic Concrete House

Category of "Award winning publications/creative work." April 2017.

EXHIBITIONS:

-

"ON LOCATION"

Storrs Gallery, University of North Carolina at Charlotte, Charlotte, North Carolina. September 29 - November 17th, 2017.

-
CROSS AMERICAS: Probing Disglobal Networks / PROJECTS EXHIBITION

Association of Collegiate Schools of Architecture International Conference 2016 | "CROSS AMERICAS: Probing Disglobal Networks." Pontifica Universidad Catolica de Chile, Santiago Chile. June 29th, 2016.

-
"TEXTURAL / recent work of GELPI Projects"

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects.
Miami Beach Urban Studios, Design Gallery, October 2016.

-
"INSIDE / 5 DESIGN PROJECTS BY NICK GELPI"

invited exhibition curated by Helmut Schuster, The Vagabond Motel, pinup space / Gallery, Miami, FL.
August 2014.

PRESS / PUBLICATIONS:

BOOKS:

-
Gelpi, Nick. "MOCKUPS." In *The LeFevre Fellowship*, edited by Benjamin Wilke, 84-93. Novato CA: Applied Research and Design Publishing. An Imprint of ORO Editions. Gordon Goff: Publisher, autumn 2018.

PROCEEDINGS:

-
Gelpi, Nick. "NATIVE ALIEN: Exotic Concrete House in the Tropics," (2016). ACSA 2016 International Conference: Cross-Americas: Probing Disglobal Networks [Proceedings of the 2016 International Conference of the Association of Collegiate Schools of Architecture (ACSA)] Santiago de Chile, Chile, 29 June - 1 July, 2016.

PRESS:

-
ARCHITECTS NEWSPAPER

Matthew Marani, "Sun-kissed Skins: Facades+ Miami will examine facades in tropical Environments." THE ARCHITECTS NEWSPAPER ONLINE, (October 1, 2018):
<https://archpaper.com/2018/10/facades-miami-will-examine-facades-in-tropical-environments/>

-
TROPIC MAGAZINE

John T. O'Connor, "Little House Big Ideas." TROPIC MAGAZINE, (October/November 2017): 76-81.

-
DWELL MAGAZINE

Heather Corcoran, "PATTERN RECOGNITION / Using his Miami Beach home as a laboratory professor and designer Nick Gelpi tests a material that recasts concrete's tough image."
DWELL MAGAZINE, (July / August 2017): 78-82.

-
DWELL MAGAZINE ONLINE

Heather Corcoran, "A Professor and Designer Tests a New Hybrid Material on His Miami Beach Home," DWELL MAGAZINE ONLINE, (July 18, 2017), <https://www.dwell.com/article/a-professor-and-designer-tests-a-new-hybrid-material-on-his-miami-beach-home-161767b3>,

-
DWELL MAGAZINE ONLINE

"EXOTIC CONCRETE HOUSE," DWELL MAGAZINE ONLINE, (July / August 2017)
<https://www.dwell.com/home/exotic-concrete-house-e5a51aa0>

-
TULANE SCHOOL OF ARCHITECTURE NEWS

"Nick Gelpi (A '02) brings hybrid, wood-based concrete research to his own back yard," July 26, 2017. TULANE SCHOOL OF ARCHITECTURE NEWS, <http://www.architecture.tulane.edu/news/2017/07/article-2764>

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ARCHITECT MAGAZINE

"This Week in Research: DARPA's New Materials, Wood Concrete, and Color-Changing Walls," January 09, 2015. http://www.architectmagazine.com/technology/this-week-in-research-darpas-new-materials-wood-concrete-and-color-changing-walls_o

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VOX MEDIA

"Solar-Panel Trees, Wood-Based Concrete, and Perfectly Designed Gizmos: Here's Where Innovation Is Happening," VOX MEDIA, accessed 4-29-18, <https://www.voxcreative.com/sponsored/11963292/solar-panel-trees-wood-based-concrete-and-perfectly-designed-gizmos>

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MATERIA

"Exotic Tile Emerges from the Everglades," December 17, 2014. MATERIA. <http://materia.nl/article/exotic-tile-emerges-everglades/>

-

FIU FOUNDERS PARK (BUILDING ELEMENTS / OUTDOOR PLAZA) (2015-2018)

A 4500 square foot outdoor park/plaza to commemorate and honor the founding figures of Florida International University. The Design was directed by Nick Gelpi, with Roberto Rovira, and several graduate students. Materials are to integrate wood-based concrete and other sustainable concrete solutions. The Design work and research was funded by a grant to Wells Fargo, titled "Concrete for A Sustainable Future."

-

(STATUS / DESIGN DEVELOPMENT)

EXHIBITIONS:

-

"TEXTURAL / recent work of GELPI Projects"

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects. Miami Beach Urban Studios, Design Gallery, October 2016.

-

HOUSE PAINT PAVILION (BUILDING / PAVILION) (2015)

A 500 square foot pavilion, constructed inside a gallery in Eastern Market, Detroit Michigan, Construction budget \$90,000. A design collaboration between Nick Gelpi and German born Brooklyn artist Markus Linnenbrink, which combines the compositional strategies of the artist with the form making strategies of the architect, resulting in an immersive spatial painting environment.

-

(STATUS / BUILT / COMPLETED)

AWARDS:

-

MCHAP.EMERGE 2014/15 NOMINATED WORKS

(Mies Crown Hall Americas Prize)

Project: House Paint Pavilion

Illinois Institute of Technology, College of Architecture.

-

HONOR AWARD OF EXCELLENCE

Category: Divine Detail,

AIA AMERICAN INSTITUTE OF ARCHITECTS, MIAMI CHAPTER DESIGN AWARDS
HOUSE PAINT PAVILION, October 2015.

EXHIBITIONS:

-

MCHAP JURY EXHIBITION / MCHAP 2014/2015 EXHIBITION at S.R. Crown Hall

Exhibition of Nominated Projects

Illinois Institute of Technology, Chicago Illinois, 2016

March 4th-5th, 2016.

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“TEXTURAL / recent work of GELPI Projects”

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects.

Miami Beach Urban Studios, Design Gallery, October 2016

-

CROSS AMERICAS: Probing Disglobal Networks / PROJECTS EXHIBITION

Association of Collegiate Schools of Architecture International Conference 2016 | “CROSS AMERICAS:

Probing Disglobal Networks.” Pontifica Universidad Catolica de Chile, Santiago Chile. June 29th, 2016.

-

“PRODUCTIONS: ATMOSPHERES. OBJECTS. SURFACES,”

curated by Clay Odom, January 25 – March 4th 2016. The University of Texas at Austin, Mebane Gallery, Goldsmith Hall, Austin, Texas.

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“LINNENBRINK/GELPI/BRUMIT”

Wasserman Projects opens its new location in Eastern Market with inaugural exhibition,

LINNENBRINK/GELPI/BRUMIT, featuring large scale interactive installations that push the boundaries of art, architecture and sound.

WASSERMAN PROJECTS GALLERY, Detroit, 3434 Russell Street, #502 (Sep 25th – Dec 12th 2015)

PRESS / PUBLICATIONS:

BOOKS:

-

Gelpi, Nick. “MOCKUPS.” In *The LeFevre Fellowship*, edited by Benjamin Wilke, 84-93. Novato CA: Applied Research and Design Publishing. An Imprint of ORO Editions. Gordon Goff: Publisher, Autumn 2018.

PROCEEDINGS:

-

Gelpi, Nick. “**PAINTING ARCHITECTURE: House Paint Pavilion in Detroit Michigan,**” in Proceedings of the Association of Collegiate Schools of Architecture International Conference. Santiago, Chile. 2016

International Conference CROSS AMERICAS: Probing Disglobal Networks, 2016.

PRESS:

-

ELLE DÉCOR MAGAZINE

Home Design Trends, IN PRINT, (May 2017): 68.

-

DESIGNBOOM

Nina Azzarello, “Nick Gelpi constructs an ‘inhabitable painting’ for markus linnenbring’s striped mural.”

(January 09 2017) DESIGNBOOM, <https://www.designboom.com/design/nick-gelpi-projects-markus-linnenbrink-house-paint-pavilion-01-09-2016/>

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ARTCOLLECTOR MAGAZINE

Claudia Steinberg, *"Motown in Motion,"* Artcollector Magazine, Germany, (January 2016): 42-48.

-

THE ARCHITECTS NEWSPAPER

Audrey Wachs, *"Detroit's Toity: Wasserman Projects, a new gallery space in Detroit's Eastern Market, offers art and a platform for urban regeneration."* (November 16 2015): The Architects Newspaper, <http://archpaper.com/news/articles.asp?id=8332#.Vksuzr83JoN>

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ART-DAILY

"Wasserman Projects to open new independent, interdisciplinary arts space in Detroit," (September 03 2015): ART-DAILY, <http://artdaily.com/news/81167/Wasserman-Projects-to-open-new-independent--interdisciplinary-arts-space-in-Detroit#.VehVepc3JoO>

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INTERIOR DESIGN

"Wasserman Projects Opens in Detroit's Eastern Market," 30, October 2015, INTERIOR DESIGN. Accessed 13 November 2015. <http://www.interiordesign.net/articles/detail/37173-wasserman-projects-opens-in-detroits-eastern-market/>

WALLPAPER

"Detroit design: Wasserman Projects fuses art and architecture," 02, October 2015, WALLPAPER, Accessed online 13 November 2015. <http://www.wallpaper.com/design/detroit-design-wasserman-projects-fuses-art-and-architecture#MbSghurGGrssTxMB.99>

CURBED

"Wasserman Projects Up and Running at Eastern Market New Gallery's First Show Include Grain Silo and Indoor Pavilion," 30, September 2015, CURBED, Accessed 13 November 2015. <http://detroit.curbed.com/archives/2015/09/wasserman-projects-eastern-market-new-gallery-cosmopolitan-chicken-project-linnenbrink.php>

SPACES

"Wasserman Projects is a new creative hub in Detroit's Eastern Market," 25, September 2015. THE SPACES, Accessed 13 November 2015. <http://thespaces.com/2015/09/25/wasserman-projects-is-a-new-creative-hub-in-detroits-eastern-market/3/>

ARCHITECTS NEWSPAPER, A|N BLOG

"New Detroit urban arts venue Wasserman Projects set to open September 25," 13, November 2015. ARCHITECTS NEWSPAPER, A|N BLOG, Accessed 13, November 2015. <http://blog.archpaper.com/2015/09/new-detroit-urban-arts-venue-wasserman-projects-set-open/>

MODEL D

"New arts venue to celebrate Eastern Market grand opening," 22, September 2015. MODEL D, Accessed 13, November 2015. <http://www.modeldmedia.com/devnews/WassermanProjectsGrandOpening.aspx>

CRAIN'S DETROIT BUSINESS

"Wasserman Projects ready to add to Eastern Market mix: Art center, set to open Sept. 25, aims to contribute to daytime, nighttime activities," 15, September 2015. CRAIN'S DETROIT BUSINESS, Accessed 13, November 2015. <http://www.crainsdetroit.com/article/20150915/NEWS/150909901/wasserman-projects-ready-to-add-to-eastern-market-mix>

ARTFIX Daily

"Wasserman Projects Opens New Space for Arts in Detroit," 03, September 2015. ARTFIX Daily. Accessed 13, November 2015. <http://www.artfixdaily.com/artwire/release/8356-wasserman-projects-opens-new-space-for-arts-in-detroit>

ARTDAILY

"Wasserman Projects to open new independent, interdisciplinary arts space in Detroit," September 2015, ARTDAILY, Accessed 13, November 2015. <http://artdaily.com/news/81167/Wasserman-Projects-to-open-new-independent--interdisciplinary-arts-space-in-Detroit#.VehQFZc3JoN>

DETROIT B/DETROIT'S PREMIER BUSINESS JOURNAL

"Art Gallery, Performance Venue to Open in Detroit's Eastern Market," 10, July 2015, DETROIT B/DETROIT'S PREMIER BUSINESS JOURNAL, Accessed 13, November 2015. <http://www.dbusiness.com/daily-news/Annual-2015/Art-Gallery-Performance-Venue-to-Open-in-Detroits-Eastern-Market/>

CURBED

"Wasserman to Open New Art Gallery in Eastern Market," 07, July 2015, CURBED, Accessed 13 November 2015. <http://detroit.curbed.com/archives/2015/07/wasserman-projects-3434-russell.php>

ARTNET

"Detroit's Wasserman Projects Offers Chickens, Llamas, and Psychedelic Structures," 14, July 2015, ARTNET, Accessed 13 November 2015. <https://news.artnet.com/art-world/wasserman-projects-detroit-312351>

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INBOUNDS / KINDERGARTEN FENCE FOR LEHRMAN COMMUNITY SCHOOL

(BUILDING / ARTIFACT) (2015)

A 75 foot long new fence, to be constructed along the perimeter of an elementary school in Miami Beach. The design incorporates playful details, with the goal of stimulating students and creating new active interactions within playful boundaries.

-
(STATUS / UNBUILT)

EXHIBITIONS:

-
"TEXTURAL / recent work of GELPI Projects"

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects.
Miami Beach Urban Studios, Design Gallery, October 2016.

-
WYNWOOD GREENHOUSE PARK (BUILDING / PARK) (2013-2015)

A 14,000 square foot park, estimated construction budget: \$1,200,000, to be built and unveiled in 2015.
Collaborative Design Team, with artist Jim Drain and Landscape Architect Roberto Rovira. Miami, FL (2014)

-
(STATUS / UNBUILT)

AWARDS:

-
AWARD OF MERIT

Florida American Society of Landscape Architects Design Awards, June 2016.

-
FIRST PLACE

in international design competition "The Wynwood Gateway"
one of 11 finalist teams out of 230 submissions from 24 countries; September 2014.

FIU TOP SCHOLAR AWARD

Category of "Award winning publications/creative work." April 2015.

For Project: Wynwood Greenhouse

EXHIBITIONS:

-

"TEXTURAL / Recent work of GELPI Projects"

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects.

Miami Beach Urban Studios, Design Gallery, October 2016.

PRESS:

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THE VERGE

<http://www.theverge.com/sponsored/11532226/solar-panel-trees-wood-based-concrete-and-perfectly-designed-gizmos>

-

BUSTLER

"A closer look at the winning Wynwood Greenhouse garden park to be built in Miami," 06 October 2014,

BUSTLER. Accessed 07 October 2014. http://www.bustler.net/index.php/article/a_closer_look_at_the_winning_wynwood_greenhouse_to_be_built_in_miami

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ARCHITECTS NEWSPAPER / A|N BLOG

Melcher, Henry. "A Greenhouse-Inspired Park To Bring New Public Space To Miami's Wynwood Arts District," 29 September 2014, ARCHITECTS NEWSPAPER / A|N BLOG. Accessed 01 October 2014.

<http://blog.archpaper.com/wordpress/archives/91772#.VCvqRVcyt8E>

-

BUSTLER

"Wynwood Greenhouse" gets 1st place in DawnTown's Wynwood Gateway Park Competition in Miami,'

29 September 2014. BUSTLER. Accessed 01 October 2014.

http://www.bustler.net/index.php/article/wynhouse_green_gets_1st_place_in_dawntowns_wynwood_gateway_park_competition/

-

ARCHINECT NEWS

Testado, Justine. "Wynwood Greenhouse" gets 1st place in DawnTown's Wynwood Gateway Park Competition in Miami, 30 September 2014. ARCHINECT NEWS, Accessed 01 October 2014.

<http://archinect.com/news/article/110179885/wynwood-greenhouse-gets-1st-place-in-downtown-s-wynwood-gateway-park-competition-in-miami>

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THE MIAMI HERALD

Viglucci, Andres. "Miami artist, architects win design competition for new Wynwood park," 25 September 2014. The Miami Herald.

-

CURBED

McCaughan, Sean. "Epic 'Greenhouse' Design Wins for Wynwood Gateway Park," 25 September 2014.

Miami.Curbed. Accessed 25 Sep 2014. <http://miami.curbed.com/archives/2014/09/25/epic-greenhouse-design-wins-for-wynwood-gateway-park.php>

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MIAMI NEW TIMES

Bach, Trevor. "Wynwood Is Getting a New Park and It Looks Like a Greenhouse," 26 September 2014.

Miami New Times. Accessed 26 Sep 2014.

http://blogs.miaminewtimes.com/riptide/2014/09/greenhouse_park_coming_to_wynwood.php

-

THE MIAMI HERALD

Brannigan, Martha. "Metro 1 Properties Focuses on Miami's Hip, Urban Real Estate," 22 September 2014. Miami Herald. Accessed 25 Jan 2015. <http://www.miamiherald.com/real-estate/article2205945.html>

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TROPIC MAGAZINE

McCaughan, Sean. "A Greenhouse Without the Glass: Tony Cho Brings a Great New Park to Wynwood." November 2014, *Tropic Magazine*, pp 104-105. Accessible online: <http://tropicmagazine.uberflip.com/i/408559>

-
PRINTED STOOLS (FURNITURE / ARTIFACT) (2014)

A set of seating elements constructed of off the shelf wooden dowels joined with customized 3D printed sockets. (2014)

-
(STATUS / BUILT)

EXHIBITED:

-
"TEXTURAL / the recent work of GELPI Projects"

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects. Miami Beach Urban Studios, Design Gallery, October 2016.

-
PULSE MIAMI BEACH CONTEMPORARY ART FAIR

Patricia Sweetow Gallery, December 1-5 2015, Indian Beach Park, Miami Beach, Florida.

Exhibition of 18 limited edition stools, a collaboration between Markus Linnenbrink and Nick Gelpi.

-
"LINNENBRINK/GELPI/BRUMIT"

Wasserman Projects opens its new location in Eastern Market with inaugural exhibition, LINNENBRINK/GELPI/BRUMIT, featuring large scale interactive installations that push the boundaries of art, architecture and sound.

WASSERMAN PROJECTS GALLERY, Detroit, 3434 Russell Street, #502 (Sep 25th – Dec 12th 2015)

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"The World of Mr. Somebody and Mr. Nobody,"

December 2014, Curated by Sharon Lombard, Heidi Chisholm, Cathy Leff + Craig Robins, The Miami Design District, 91 NE 40th Street, Miami Design District, Miami, FL.

-
"INSIDE / 5 design projects by Nick Gelpi,"

(Solo Exhibition) August 2014, invited exhibition curated by Helmut Schuster, The Vagabond Motel, pinup space / Gallery, Miami, FL.

-
TABLE DISTORTIONS (FURNITURE / ARTIFACT) (2013)

A 6 x 18 foot long digitally fabricated system of interchangeable tables, based on Michael Thonet's No. 14 Chair, Construction Budget: \$10,000. Miami Beach, FL.

-
(STATUS / BUILT)

PRIZES:

-

FIRST PLACE

Open competition: SIX COMPONENTS AND A HANDFUL OF SCREWS, June 2013, THE WOLFSONIAN MUSEUM, MIAMI BEACH FLORIDA. PROPOSAL-Entry "TABLE DISTORTIONS"

(One of three finalists selected as a result of online and in person voting by the public and judges.)

EXHIBITIONS:

-

"TEXTURAL / Recent work of GELPI Projects"

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects. Miami Beach Urban Studios, Design Gallery, October 2016.

-

WORKING OUT: thinking while building, PROJECT EXHIBITION

ACSA 2014 Fall Conference, Halifax, Nova Scotia, 2014.

-

"TABLE DISTORTIONS"

Exhibition of Competition winning table installation on display in the lobby of the Wolfsonian in Miami Beach. The Wolfsonian FIU, Miami Beach, FL. February 2014.

-

"INSIDE / 5 design projects by Nick Gelpi,"

(Solo Exhibition) invited exhibition curated by Helmut Schuster, The Vagabond Motel, pinup space / Gallery, Miami, FL. August 2014.

PRESS / PUBLICATIONS:

BOOKS:

-

Gelpi, Nick. "MOCKUPS." In *The LeFevre Fellowship*, edited by Benjamin Wilke, 84-93. Novato CA: Applied Research and Design Publishing. An Imprint of ORO Editions. Gordon Goff: Publisher, Autumn 2018.

PROCEEDINGS:

-

"TABLE DISTORTIONS," Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Halifax, Nova Scotia. 2014 Fall Conference | WORKING OUT: thinking while building. 2014.

PRESS:

-

Gollin, Andrea. "We Have a Winner! Lobby Table Design Challenge," September 26, 2013, Wolfsonian Newsletter. Accessed 25 January 2015, <http://www.wolfsonian.org/content/we-have-winner-lobby-table-design-challenge>.

-

Gollin, Andrea. "Finalists in Lobby Table Competition," August, 2013, The Wolfsonian Newsletter, Accessed 25 January 2015, <http://www.wolfsonian.org/content/finalists-lobby-table-competition>.

-

FORCE FRAMES INSTALLATION (ARTIFACT / INSTALLATION) (2013)

200 square foot digitally fabricated structural prototype, Construction budget: \$3500, BEA GALLERY, Miami FL, (2013)

-
(STATUS / BUILT)

EXHIBITIONS:

-
FORCE FRAMES,

Florida International University, October 2014-January 2014, BEA INTERNATIONAL GALLERY FIU, Miami, FL.

-
"INSIDE / 5 design projects by Nick Gelpi"

(Solo Exhibition) August 2014, invited exhibition curated by Helmut Schuster, The Vagabond Motel, pinup space / Gallery, Miami, FL.

-
PUBLIC STAND (INSTALLATION) (2013)

Competition entry for a 1000 square foot public installation, Estimated Construction Budget \$10,000, Miami FL. Design Collaboration with GELPI Projects and L.E.FT. Architecture, NY + Beirut. Principals, Makram El Kadi + Ziad Jamaledine.

-
(STATUS / UNBUILT)

AWARDS:

-
Finalist, DAWNTOWN DB2 – International Design/Build Competition (One of 16 finalists from 110 entries).

-
THE UNFLAT PAVILION / HOLOGRAM HOUSE (BUILDING / PAVILION) (2011)

A 1000 square foot freestanding public pavilion. Construction Budget: \$15,000, sited along the Charles River on Memorial Drive, Massachusetts Institute of Technology, Cambridge Massachusetts. (2011)

-
(STATUS / BUILT)

EXHIBITIONS:

-
"TEXTURAL / Recent work of GELPI Projects"

Exhibition of models, drawings, details and installations from the recent work of GELPI Projects. Miami Beach Urban Studios, Design Gallery, October 2016.

-
WORKING OUT: thinking while building:

PROJECT EXHIBITION

ACSA 2014 Fall Conference. Halifax, Nova Scotia, 2014.

-
"INSIDE / 5 design projects by Nick Gelpi,"

(Solo Exhibition) August 2014, invited exhibition curated by Helmut Schuster, The Vagabond Motel, pinup space / Gallery, Miami, FL.

-
F.A.S.T. (Festival of Arts Science and Technology)

Invited Group Exhibition of installations for MIT's 150th Anniversary, May-June 2011, Massachusetts Institute of Technology campus, Cambridge Massachusetts.

PRESS / PUBLICATIONS:

BOOKS:

- Gelpi, Nick. "MOCKUPS." In *The LeFevre Fellowship*, edited by Benjamin Wilke, 84-93. Novato CA: Applied Research and Design Publishing. An Imprint of ORO Editions. Gordon Goff: Publisher, Autumn 2018.
- "UNFLAT PAVILION, FAST festival of Art Science and Technology, Project," in Hirschman, Sarah, ed., *TESTING TO FAILURE: Design and Research in MIT's Department of Architecture*, SA+P Press, Cambridge, 2011, ISBN:978-0-9836654-0-3, pp 239-244.

PROCEEDINGS:

- Gelpi, Nick. "ON THE EDGE OF FAILURE / UNFLAT PAVILION," Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Halifax, Nova Scotia. 2014 Fall Conference | WORKING OUT: thinking while building. 2014.
- Gelpi, Nick. "ADAPTIVE FABRICATIONS: Rapid Directions in Design Build." Proceedings of the Association of Collegiate Schools of Architecture National Meeting. ACSA 102nd NATIONAL CONFERENCE: GLOBALIZING ARCHITECTURE: Flows and Disruptions. 2014.
- Gelpi, Nick. "THE UNFLAT PAVILION: A New Responsive Materialism + Adaptive Fabrication." Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Ft Lauderdale, FL. 2013 ACSA Fall Conference | Subtropical Cities. 2013.

PRESS:

- <http://www.arch2o.com/nick-gelpi-s-unflat-pavilion-nick-gelpi/>

BALLOON BARN (BUILDING) (2010)

A 500 square foot exotic vernacular building. Variation on the typical Pole Barn, and Balloon Frame.
(Budget: \$10,000) New Orleans, LA.

(STATUS / BUILT)

PRESS / PUBLICATIONS:

- "BALLOONING (HOLLOW THIN 3D)Notes on Practice," in Hirschman, Sarah, ed., *TESTING TO FAILURE: Design and Research in MIT's Department of Architecture*, SA+P Press, Cambridge, 2011, ISBN:978-0-9836654-0-3, pp194-195.

MOCKUPS (ARTIFACTS) (2009)

A collection of 15 bent plywood models and structural prototypes. Budget: \$5,000, Columbus Ohio, (2009)

(STATUS / BUILT)

EXHIBITIONS:

-

"MOCKUPS: The Howard E. Lefevre Emerging Practitioner Exhibition," The Banvard Gallery, Austin E. Knowlton School of Architecture, The Ohio State University, Columbus, OH, April – June 2009.

PRESS / PUBLICATIONS

BOOKS:

-

Gelpi, Nick. "MOCKUPS." In *The LeFevre Fellowship*, edited by Benjamin Wilke, 84-93. Novato CA: Applied Research and Design Publishing. An Imprint of ORO Editions. Gordon Goff: Publisher, Autumn 2018.

PROCEEDINGS:

-

Gelpi, Nick. "MOCK-PLAY / From Vorkurs to Digital Fabrication and Design-Build," Proceedings of the Association of Collegiate Schools of Architecture Regional Meeting. Halifax, Nova Scotia. 2014 Fall Conference | WORKING OUT: thinking while building. 2014

JOURNALS

Gelpi,, Nick. "Mockups." In *FORWARD: v 209: ORNAMENT*, Volume 8, No. 2. 14-20. The *Architecture and Design Journal of the National Associates Committee*, Published biannually by the American Institute of Architects (Fall 2009).

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ARCHITECTURAL DESIGN, STEVEN HOLL ARCHITECTS, (2005-2009)

The following selected works are projects, for which I acted as a project team member or lead designer / "Project Architect" while an employee of Steven Holl Architects in NYC.

2008, Akbuk Peninsula Resort, Akbuk, Turkey, [Project Architect] STEVEN HOLL ARCHITECTS, Mixed use housing, commercial, landscape and public programs, 2,000,000 sf, low ecological footprint, Schematic Design - Construction Documents. **Status Pre Construction.**

2007, The Hudson Yards, New York, NY, [Project Architect] STEVEN HOLL ARCHITECTS, Master plan mixed - use project, 11.3 million sf of building with new public park, Schematic Design + Design Development, Managed design development, completion and submission of Design Bid Package with Extell Development Company to NYC MTA Hudson Yards request for proposals.

PRESS

Lange, Alexandra, "PARSING THE YARDS," THE ARCHITECTS NEWSPAPER, January 23, 2008.

Huxtable, Ada Louise, "THE HUDSON YARDS PROPOSALS," The Wall Street Journal, January 2, 2008.

Millard, Bill, "WEST SIDE RAILYARD PROPOSALS UNVEILED," Architect Magazine, January 2008.

Bagli, Charles V., "IN RAILYARDS, SEEING A BLANK CANVAS ON THE HUDSON," The New York Times, November 19, 2007.

Ouroussoff, Nicolai, "STEVEN HOLL ARCHITECTS PRESENTS DESIGN PROPOSAL FOR HUDSON YARDS THAT SETS A 21ST CENTURY URBAN EXAMPLE," The New York Times, November 24, 2007.

2005-2008, RIDDLED Furniture Series, [Designer] HORM Furniture Manufacturing, Design Team: Steven Holl + Nick Gelpi. An award winning line of commercially available furniture constructed of a custom wooden laminate. Riddled Cabinet, Riddled Table, Riddled Glass Top Table, Riddled Hingeless Front, Quartodiluna Mirror, Riddled Chandelier.

AWARDS + PRESS

"Riddled Furniture," in Brownell, Blaine, ed., *Transmaterial 2- A Catalog of Materials That Redefine Our Physical Environment*. New York, Princeton Architectural Press, 2008.

"Riddled Furniture: First Annual R + D Award," ARCHITECT Magazine, Hanley Woods, September 2007, 80-81.

"Shadow Boxing," Architectural Record, McGraw Hill, December 2006, p 247.

"Des Pleins et des Vides, Steven Holl," Techniques and Architecture, Jean Michel Place, Paris, June-July 2006, pp128-129.

Capelli, Eleonora; "Symphony of Solids and Voids," Ottagono, V 189 April 2006, pp 134-137.

"Il Mobile Declinato, Furniture Evolved," BOX: Progetto e Percorsi, Milan, April 2006, pp 4-7.

2005 - 2007, DE Shaw Research Center, New York, NY, [Project Architect] STEVEN HOLL ARCHITECTS, 32nd floor of high-rise office building, Schematic Design - Design Development, Construction Documents, Construction Administration, **status BUILT**.

PRESS

De Giorgi, Manolo, "The Supercomputer and the Books," DOMUS 914, May 2008, 36-41.

2006, Vanke Center, Shenzhen, China, [Project Team] A mixed-use building including hotel, offices, condominiums, and public park, 1.3 million sf, schematic design - design development, **status BUILT**.

AWARDS

GREEN GOOD DESIGN AWARD, USA, 2010

AIA NY ARCHITECTURE HONOR AWARD, USA, 2010

ARCHITECTURAL RECORD CHINA, "GOOD DESIGN IS GOOD BUSINESS" AWARD, BEST GREEN PROJECT, China, 2010

AIA INSTITUTE HONOR AWARD, USA, 2011

AIA NY HONOR AWARD, USA, 2011

AMERICAN ARCHITECTURE AWARD, USA, 2011

FEDERATION INTERNATIONALE DU BETON, Switzerland, 2014

2006, Highline Hybrid, New York, NY, [Project Team] Mixed use hi-rise building on far westside of Manhattan, Schematic Design, **Status – Unbuilt**.

2006, Porosity / Luminosity Exhibition, Gallery MA, Tokyo, Japan, [Project Architect] STEVEN HOLL ARCHITECTS, Exhibition of Steven Holl Architects catalogue of work organized around the concept of "Luminosity," 3 room gallery + courtyard installation, Schematic Design - Construction Administration, **Status – BUILT**.

PRESS

Gyoon, Jung Byoung, "Review of Exhibition Luminosity / Porosity by Steven Holl," *BOB: International Magazine of Space Design*, Seoul, V25, 2006, pp 166-169.

Keuning, David, "The Light Stuff," *MARK #5*, Dec 2006 -Jan 2007, P 29.

2005, NYU Department of Philosophy Building, New York, NY, [Project Team] STEVEN HOLL ARCHITECTS, renovation. Status - BUILT.

AWARDS

AIA NEW YORK EDUCATIONAL DESIGN AWARD, USA, 2008

2005, Sail Hybrid, Knokke Heist, Belgium, [Project Architect] STEVEN HOLL ARCHITECTS, Invited Design Competition, 230,000 square feet, **Result - FIRST PLACE.**

AWARDS

NY AIA Citation, USA, 2006

PRESS

"Redesign Competition for Casino Knokke-Heist," *CONCEPT: International Magazine of Competition*; v 77, Seoul, 2005, Pp 88-95.

2005, Busan Cinema Complex, Busan, South Korea, [Competition Project Team], STEVEN HOLL ARCHITECTS. Invited Design Competition 38,000sqm, Pusan International Film Festival, PROGRAM: 6 cinemas (including on open air cinema), conference rooms, event spaces, exhibition galleries, retail, restaurant, café, working loft, cinematheque, grand theater, visual media center. **Result-FINALIST.**

2005, Louvre / Lens, Lens, France. [Project Team]Invited Design Competition, New branch of exhibition and archive building for the Louvre Museum, Invited competition. **Result - FINALIST.**

2004-2005, Experiments in Porosity, Milan, Italy, [Project Architect] STEVEN HOLL ARCHITECTS, Installation, custom fabrication, part of group show titled, "Entrez-Lentement", Travelled to Sci-arc Gallery, Los Angeles, Gallery MA, Tokyo Japan, and Higgins Hall Gallery -Brooklyn. Responsible for Concept Design through construction and Installation. status - BUILT.

PRESS

IOVINE, JULIE V., "In Milan, Reimagining Legends," 14 April 2005, *The New York Times*, Accessed 25 Jan 2015, <http://www.nytimes.com/2005/04/14/garden/14milan.html>

"BL-Special," in Brownell, Blaine, ed., *Transmaterial - A Catalog of Materials That Redefine Our Physical Environment*. New York, Princeton Architectural Press, 2005. ISBN 1-56898-563-0, P 84.

2004, Bibliothèque Communautaire, Clermont-Ferrand, France, [Project Architect] Invited Design Competition, 30,000sqm, Program New Public Library. **Result - Runner Up.**

2008, Porosity Bench, New York NY Johnson Trading Gallery, [Designer] Design Team: Steven Holl + Nick Gelpi. Porosity Bench, featured in art Basel/Miami at Johnson Trading Gallery, 2008. A custom fabricated bench constructed of solid bamboo planes with digitally cut interlocking edges. It is a seat to see through, which casts shadows and patterns of light. The bench was commissioned by Johnson Trading Gallery from New York City to be produced in a limited edition of 10.

2009, STEVEN HOLL ARCHITECTS, NYC [PAYED RESEARCHER] Advanced Fabrication Researcher.

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ARCHITECTURAL DESIGN, n-Architects NYC

2004, CANOPY, [Project Team + Project Manager, Young Architects Program, PS1 Contemporary Art Center, Long Island NY, 2004.

PRESS

"nARCHITECTS CANOPY," LOTUS International, v125, Milano, 2005, Pp 112-117.

BARRENECHE, RAUL A. "DESIGN NOTEBOOK; In Fine Form, Bamboo Shows Off Its Curves," THE NEW YORK TIMES, June 24, 2004.

WORKS IN PROGRESS

BOOKS IN PROGRESS

Gelpi, Nick. FROM REPRESENTATION TO REALITY / The Architecture of Full Scale Mockups. New York: Routledge (Taylor and Francis Group), Book Contract signed Oct.2014, Book Manuscript Submitted to publisher, (expected publication date) 2020.

COMMISSIONED WORK IN PROGRESS

FIU FOUNDERS PARK

FIU Founders Park, 5,000 square foot park plaza, estimated construction budget of \$1,500,000, Miami Florida, 2014-present.

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(STATUS / DESIGN DEVELOPMENT)

HYPOSTYLE PARKLET (FURNITURE/ ARTIFACTS / PUBLIC INSTALLATION)

500 Square foot design for the construction of a new public seating area to be constructed in parallel parking spaces, within Miami's DESIGN DISTRICT, Miami FL.

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(STATUS / DESIGN DEVELOPMENT)

FUNDED RESEARCH IN PROGRESS

Agency:	Wells Fargo Foundation
Investigators:	Nick Gelpi, (PI), Roberto Rovira, (co-investigator) John Stuart, (co-investigator)
Project:	<i>"Woodcrete: The Concrete for a Sustainable Future"</i>
Dates:	2015-2018
Amount of Funding:	\$75,000

FUNDED RESEARCH

Agency:	CARTA INTERDISCIPLINARY SEED GRANT
Investigator:	Michael Namkung, (PI), Gwyn Davies, (co-investigator) Nick Gelpi, (co-investigator)
Project:	<i>Back to the Drawing Board: A Two-Day Symposium on Drawing Research and Practice</i>
Dates:	2016-2017
Amount of Funding:	\$5,000

Agency:	FIU DIVISION OF RESEARCH
Investigator:	Nick Gelpi
Project:	<i>"FABRICATIONS with Wood Based Concrete, Seed Funding,"</i>
Dates:	2015
Amount of Funding:	\$20,000

Agency:	ALIED PREFER
Investigator:	Nick Gelpi
Project:	"Woodcrete"
Dates:	2013-2014
Amount of Funding:	\$37,500

PROPOSALS SUBMITTED BUT NOT FUNDED

"New Hybrid Materials: Wood-Concrete and its Application in Architectural Design," Faculty Research Support Program (FRSP), May 2013-April 2014, \$30,000. (Nick Gelpi, Project Director, Shahin Vassigh, Project Co-Director)

PATENT DISCLOSURES, APPLICATIONS, AND AWARDS

N/A

PROFESSIONAL HONORS, PRIZES, FELLOWSHIPS

NOMINATIONS:

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EMERGING VOICES NOMINEE
2016 ARCHITECTURE LEAGUE OF NEW YORK

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PS1 YOUNG ARCHITECTS PRIZE NOMINEE
Museum of Modern Art, 2017
Nominator: Terry Riley

-

MCHAP.EMERGE 2014/15 NOMINATED WORKS
(Mies Crown Hall Americas Prize)

Project: House Paint Pavilion
Illinois Institute of Technology, College of Architecture.
<http://www.arch.iit.edu/prize/mchap/selected-works/project/installation-at-wasserman-projects>

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PS1 YOUNG ARCHITECTS PRIZE NOMINEE
Museum of Modern Art, 2016
Nominator: Jason Chandler

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EMERGING VOICES NOMINEE
2016 ARCHITECTURE LEAGUE OF NEW YORK

PRIZES:

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FORWARD THINKING INDIVIDUAL
from the Miami Beach Chamber of Commerce
5th Annual City National Bank Better Beach Awards, 2017.
<http://www.miamibeachchamber.com/wp-content/uploads/2016/06/2017-press-release-CNB-BBA-WINNERS.pdf>

-

FIU TOP SCHOLAR AWARD

Category of "Award winning publications/creative work." April 2017

-

AWARD OF MERIT

The Miami Chapter of the American Institute of Architects,
Project: *"EXOTIC CONCRETE HOUSE"* Category: *"Divine Detail"*
AIA Design Awards Program, October 2016

-

ACSA TOP PROJECT WINNER

ACSA CROSS AMERICAS INTERNATIONAL CONFERENCE 2016, SANTIAGO CHILE:

"NATIVE ALIEN: Exotic Concrete House in the Tropics," June 30th 2016

(The competition to be selected to present your project at the conference was competitive, with a 38% acceptance rate. 4 out of the 34 accepted projects were given the Top Project recognition.)

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RESEACH AND CREATIVE WORK AWARDS

FIU CARTA, 2016

-

HONOR AWARD OF EXCELLENCE

The Miami Chapter of the American Institute of Architects,
Project: *"House Paint Pavilion,"* Category: *"Divine Detail"*
AIA Design Awards Program, October 2015

-

FIU TOP SCHOLAR AWARD

Category of "Award winning publications/creative work." April 2015

-

CURBED NATIONAL YOUNG GUN 2014

December 1st 2014, One of ten national award winners from over 35 finalists and hundreds of nominations nationally.
<http://curbed.com/archives/2014/12/01/meet-the-2014-curbed-young-guns-nick-gelpi.php>

PRESS

Doyle, Rachel B. **"Meet Nick Gelpi: Materials Innovator and Curbed young Gun,"** 01 December 2014, CURBED NATIONAL. Accessed 01 December 2014. <http://curbed.com/archives/2014/12/01/meet-the-2014-curbed-young-guns-nick-gelpi.php>

Werbler, Annie. **"Meet Your Curbed Young Guns Finalists: the Technopioneers,"** 19 November 2014, CURBED NATIONAL. Accessed 19 October 2014. <http://curbed.com/archives/2014/11/19/meet-your-curbed-young-guns-finalists-the-technopioneers.php>

FIRST PLACE

WYNWOOD GATEWAY PARK COMPETITION, September 2014, Proposal Titled "Greenhouse."

Collaborative Design Team, with Jim Drain and Roberto Rovira.

(First place from one of 230 submissions from 24 countries.)

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FINALIST

DAWNTOWN DESIGN BUILD DB2 COMPETITION, April 2014, International Design/Build Competition,

One of fifteen finalists selected from over one hundred teams who entered the first phase of the competition, submitting a portfolio of creative work that also outlined their design philosophy. A Design Collaboration between GELPI Projects, Miami + L.E.FT. Beirut + NY. PROPOSAL – "PUBLIC STAND" Miami FL.

(One of 16 finalists from 110 entries)

-

FIRST PLACE

SIX COMPONENTS AND A HANDFUL OF SCREWS, June 2013, THE WOLFSONIAN MUSEUM, MIAMI BEACH FLORIDA.

PROPOSAL–"TABLE DISTORTIONS"

(One of three finalists selected as a result of online and in person voting by the public and judges.)

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FINALIST

DAWNTOWN DESIGN BUILD COMPETITION, November 2012, International Design/Build Competition.
(One of sixteen finalists from over 110 entries of international applicants. Miami, FL.)

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HONORABLE MENTION

2010, PAMPHLET ARCHITECTURE COMPETITION / PRINCETON ARCHITECTURAL PRESS
PAMPHLET Architecture 32: RESILIENCE, PROPOSAL "System Failure."

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FIRST PLACE

First Annual R + D Award, ARCHITECT Magazine, September 2007, PROJECT: "Riddled Furniture."
(Nick Gelpi + Steven Holl)

FELLOWSHIPS

-

Howard E. LeFevre '29 Emerging Practitioner Fellowship in Architecture, 2008 - 2009, The Ohio State University,
Austin E. Knowlton School of Architecture, PROPOSAL: MOCKUPS.

OFFICES HELD IN PROFESSIONAL SOCIETIES

PROFESSIONAL REGISTRATION

Licensed Architect State of Florida

Completed all sections of Architectural Registration Exams including, Schematic Design, Programming/Planning and Practice, and Site Planning and Design, Construction Documents and Services, Building Systems, Structural Systems, + Building Design & Construction Systems. Professional License in State of Florida expected to be issued June 2018.

MIAMI BEACH PLANNING BOARD MEMBER

January 2017-Present.

ARCHITECT MEMBER OF THE AIA

2018-Present.

ASSOCIATE MEMBER OF THE AIA

2014-2018.

FACULTY COUNCILOR

American Collegiate Schools of Architecture, 2016-2018.

EXHIBITION COMMITTEE MEMBER

American Institute of Architects, Miami Center for Architecture and Design, Miami Chapter 2013-2014.

ASSOCIATE EDITOR

Forward 212: IDENTITY, Fall 2012, Volume 12, No. 2. The Architecture and Design Journal of the National Associates Committee, Published biannually by the American Institute of Architects.

OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

2018

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Miami Beach Planning Board Member, 2018.

ACSA Faculty Councilor, 2018.

ACSA ABSTRACT REVIEWER,
2018 ACSA Fall Conference | *PLAY* with the Rules
Host School: University of Wisconsin-Milwaukee
Co-chairs: Jasmine Benyamin, Nikole Bouchard, Whitney Moon, Kyle Reynolds, & Mo Zell, UWM

FIU, School of Architecture, Lecture Committee Chair, 2018.

FIU, School of Architecture, Design 3 Studio Coordinator, fall 2018.

FIU, University, Lead Designer and Faculty Advisor for Design of FIU FOUNDERS PARK, 2018.

2017

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Miami Beach Planning Board Member, 2017.

ACSA Faculty Councilor, 2017.

FIU School of Architecture, Lecture Committee Chair, 2017.

FIU, School of Architecture, Design 3 Studio Coordinator, fall 2017.

FIU, University, Lead Designer and Faculty Advisor for Design of FIU FOUNDERS PARK, 2017.

2016

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ACSA Faculty Councilor, 2016.

ACSA Faculty Advisor, for International Student Design Competition: "CONCRETE THINKING: for a sustainable world," 2016.

FIU School of Architecture, Lecture Committee Chair, 2016.

FIU School of Architecture, Faculty Search Committee, BUILDING TECHNOLOGY POSITION, 2016.

FIU, School of Architecture, Design 3 Studio Coordinator, fall 2016.

FIU, University, Lead Designer and Faculty Advisor for Design of FIU FOUNDERS PARK.

2015

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FIU, School of Architecture, Design 4 Studio Coordinator, spring 2015.

FIU, Scholarship Jury Member, BEA International Scholarship, Quintana Scholarship, SPRING 2015.

FIU, School of Architecture, Lecture and Exhibition Committee Member, 2015.

FIU, School of Architecture, Digital Technology Committee Member, 2015.

FIU, School of Architecture, Curator, Design Installation, William Obrien Jr., "SEVEN: A Numbers Game," BEA Gallery, FEB-APR 2015.

FIU, School of Architecture, Symposium Co-Chair, with Winifred Newman, Cejas Foundation Symposium: *BUILDING 2050*, March 20 – 21, 2015.

FIU, University, Lead Designer and Faculty Advisor for Design of FIU FOUNDERS PARK.

2014

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YOUNG ARTS, Masters Class Instructor, 2014.

AIA MIAMI EXHIBITION COMMITTEE member, Co-Curator of the inaugural exhibition "DRAWN FROM MIAMI," 2014.

FIU, Little River Design Charrette Faculty Advisor with Jason Chandler, Roberto Rovira, Mark Marine, FIU by Design, 2014.

FIU, College, Leadership Role in Securing Gift, Bernard Tschumi Drawing of PCA Building, spring 2014.

FIU, School of Architecture, BEA Scholarship Committee, BEA International Scholarships, Quintana Scholarship, spring 2014.

FIU, School of Architecture, Lecture and Exhibitions Committee Member, 2014.

FIU, School of Architecture, Spring Design Charrette Coordinator, "COMPLAINT," Spring 2014.

FIU, School of Architecture, Design 4 Studio Coordinator, Spring 2014.

FIU, School of Architecture, Digital Technology Committee Member, 2014.

2013

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AIA MIAMI EXHIBITION COMMITTEE, 2013

YOUNG ARTS, Masters Class Instructor, 2013.

FIU, School of Architecture, Spring Design Charrette Coordinator, *"GRADIENTS,"* 2013.

FIU, College, Leadership Role in securing gift of 5 autographed copies of Steven Holl Monographs for winning students, 2013.

FIU, School of Architecture, Lecture and Exhibition Committee Member, 2013.

FIU, School of Architecture, Digital Technology Committee Member, 2013.

2012

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ASSOCIATE EDITOR, Peer Reviewer for AIA FORWARD issue 212:IDENTITY, the Journal for the National Associates Committee of the AIA, 2012.

AIA MIAMI EXHIBITION COMMITTEE member, 2012.

FIU, School of Architecture, Lecture and Exhibition Committee Member, 2012.

FIU, School of Architecture, Digital Technology Committee Member, 2012.

Marilys R. Nepomechie, FAIA, DPACSA | Professor of Architecture
Associate Dean for Faculty and Program Development
College of Communication, Architecture + The Arts | Florida International University
 11200 SW 8th Street | Miami, FL 33199 | Paul L. Cejas Architecture Building 283-B
Marilys.Nepomechie@fiu.edu | Office: 305 348 1887

Education	Massachusetts Institute of Technology, Master of Architecture Alpha Rho Chi Medal University of Florida, Bachelor of Arts, English Literature Highest Honors, Phi Beta Kappa Harvard University Radcliffe College, English Literature and Language Deans' Highest Honors	
Academic Practice Leadership	Florida International University Department of Architecture College of Communication, Architecture + The Arts CARTA Visiting, Assistant, Associate, then Full Professor of Architecture with Tenure Associate Dean for Faculty and Program Development Associate Dean for Strategic Initiatives Executive Director Designate, CARTA MANA Wynwood Bauhaus-Dessau Think Tank CARTA Climate Change Studio Miami Urban Future Initiative South Florida News Service - Wynwood Founding Director, Graduate Accredited Professional Program in Architecture University Graduate Faculty Latin American and Caribbean Center Faculty Associate Honors College Research Associate Cuban Research Institute Faculty Associate Faculty Director, Architecture Study Abroad Programs [Netherlands London Berlin] Chair, Faculty Assembly, College of Architecture + The Arts Senator, University Faculty Senate Educational Leadership Enhancement Program 2015 ELEP Cohort	1997- Present
	Academic Visiting Appointments Visiting Global Scholar Fellow, Tsinghua University, Beijing, China 2012-2013 Visiting Scholar and Maxfield Lecturer, Miami University of Ohio 2012-2013 John R Groves/KHC Fellow, Housing, University of Kentucky College of Design Spring 2003 + 05 Sue Fan Gooding Visiting Professor, University of Kentucky College of Design Spring 2003 + 05 Graduate Options Visiting Faculty, University of Pennsylvania GSFA 2002 Visiting Professor, University of New Mexico School of Architecture and Planning Spring 2000 Visiting Studio Critic, Universidad Central de Venezuela, Facultad de Arquitectura 1999 Visiting Studio Critic, Universidad Politécnica, Puerto Rico 1998 Adjunct Professor, later Instructor, University of Miami School of Architecture 1988-1996	
External Academic Leadership	Professional Academic National Architectural Accrediting Board NAAB Washington DC. [Detail, pp. 9, 12] 2018-2022 Elected National President-elect President 2019-2022 Chair, International Committee, Task Forces and Visiting Team Leadership 2003-Present International Union of Architects UIA Paris, France. [Detail, p.12] 2017-2020 International Co-Director, UIA Education Commission + UNESCO-UIA Validation Council Association of Collegiate Schools of Architecture ACSA Washington DC. [Detail, p.12] 2014-2017 Elected National President-elect President and Executive Committee American Institute of Architects AIA Washington DC and Miami [Detail, p.12] 2005-2010 Elected National Knowledge Community Chair , Strategic Advance Council, UIA	
Professional Design Practice	Marilys R. Nepomechie Architect, Coconut Grove, Florida: Owner Principal 1992- Present Public Architecture: The 1% Program 2008-2013 Office of Urban Architecture MK Roark, Inc., Director of Architecture 1990-1993 Sasaki Associates, Inc., Firm Associate and Designer 1987-1990	
Selected Honors Awards	Design Practice Research Teaching Servant Leadership Association of Collegiate Schools of Architecture Elected to National ACSA College of Distinguished Professors [DPACSA] 2018 Florida International University Top Scholar Award 2015, 2018 Office of the President Office of the Provost CINTAS Foundation Fellow in Architecture 2012-2014 <i>Miami 2100: Envisioning a Resilient Second Century.</i> With Marta Canavés, LAEUD. American Institute of Architects Miami Honor Award: Excellence in Writing Architecture: 2012 <i>AIA Guide to Miami: Building Paradise: An Architectural Guide to the Magic City</i> American Institute of Architects Florida/ Caribbean Region Centennial Award: 2012 <i>AIA Guide to Miami: Building Paradise: An Architectural Guide to the Magic City</i> Florida International University Office of Research Faculty Honors 2012 <i>U.S. Department of Energy, Solar Decathlon 2011</i> AIA National Institute Honor Award in Regional and Urban Design 2011 <i>Community City: Affordable Sustainable Infill for Smoketown, Louisville, KY.</i> With Marta Canavés, Landscape Architecture Residential Architect Design Awards, Residential Architect Magazine, Award of Merit 2010 <i>Community City: Affordable Sustainable Infill for Smoketown, Louisville, KY.</i> With Marta Canavés, Landscape Architecture	
Selected Honors Awards	Design Practice Research Teaching Servant Leadership [Continued] Florida International University President's Sustainability Award 2010	

Department of Energy 2011 Solar Decathlon	
The American Architecture Award, <i>Chicago Athenaeum Museum of Architecture + Design</i>	2009
<i>Community City: Affordable Sustainable Infill for Smoketown, Louisville, KY.</i> With Marta Canavés, Landscape Architecture	
Finalist: International Book Award, <i>XIII Bienal Internacional Arquitectura, Dominican Republic</i>	2009
<i>Bienal Miami + Beach 2001-2005: A Retrospective</i>	
American Institute of Architects Miami Honor Award	2009
Sustainable Design Education Leadership	
Cejas Family Foundation Research Award	2008
<i>Miami Modern La Habana Moderna.</i> With Marta Canavés, Landscape Architecture	
The William G. McMinn Outstanding Educator Medal, <i>AIA Florida/ Caribbean</i>	2008
Highest award bestowed for education by the American Institute of Architects Florida	
Excellence in Architecture: Honor Award, Unbuilt Design, <i>AIA Miami</i>	2008
<i>Mapping Identity: Affordable Infill and Infrastructure.</i> With Marta Canavés, ASLA	
Excellence in Architecture: Merit Award, Unbuilt Design, <i>AIA Florida/ Caribbean</i>	2008
<i>Mapping Identity: Affordable Infill and Infrastructure.</i> With Marta Canavés, ASLA	
Excellence in Writing about Architecture Honor Award, <i>AIA Miami</i>	2007
<i>Bienal Miami + Beach 2001-2005: A Retrospective</i>	
Samuel Kruse AIA Silver Medal in Design, <i>The American Institute of Architects Miami</i>	2006
Highest award bestowed for design by the American Institute of Architects Miami	
The Graham Foundation for Advanced Studies in the Fine Arts Research Award	2005
<i>Miami Modern La Habana Moderna.</i> With Steven Brooke, Marta Canavés	
American Institute of Architects	
Elected to the AIA College of Fellows	2005
Faculty Design/Faculty Research Award, <i>Association of Collegiate Schools of Architecture</i>	2005
<i>Big Woods: 4 Houses 14 Acres.</i> With Marta Canavés, Landscape Architecture	
Collaborative Practice Award, <i>Association of Collegiate Schools of Architecture</i>	2005
<i>Big Woods: 4 Houses 14 Acres.</i> With Marta Canavés, M. Pride, D. Biagi, B. Swetnam, UK	
The American Architecture Award, <i>Chicago Athenaeum Museum of Architecture + Design</i>	2004
<i>Housing Diaspora: Little Haiti Infill.</i> With Marta Canavés, Landscape Architecture	
The NCARB Prize/Award: <i>The Comprehensive Studio w/U Kentucky, NCARB</i>	2004
<i>Big Woods: 4 Houses 14 Acres.</i> With Marta Canavés, M. Pride, D. Biagi, B. Swetnam, UK	
The NCARB Prize/Hon. Mention: <i>Breaking Ground, w/U Kentucky, NCARB</i>	2004
<i>Big Woods: 4 Houses 14 Acres.</i> With Marta Canavés, M. Pride, D. Biagi, B. Swetnam, UK	
Excellence in Architecture Honor Award, Unbuilt Design, <i>AIA Florida/Caribbean</i>	2004
<i>Big Woods: 4 Houses 14 Acres.</i> With Marta Canavés, Landscape Architecture	
Education Leadership Honor Award	2004
<i>American Institute of Architects Miami</i>	
Silver Medal, Landscape Architecture Public Projects, <i>International Bienal Miami + Beach</i>	2003
<i>Big Woods: 4 Houses 14 Acres.</i> With Marta Canavés, Landscape Architecture	
Faculty Design Research Honorable Mention, <i>Association of Collegiate Schools of Architecture</i>	
<i>Housing Diaspora: Little Haiti Infill.</i> With Marta Canavés, Landscape Architecture	
University Faculty Research Creative Work Award, <i>FIU Office of the Provost</i>	2003
Exhibition/Citation, Unbuilt Design, <i>Boston Society of Architects</i>	2003
<i>Big Woods: 4 Houses 14 Acres.</i> With Marta Canavés, Landscape Architecture	
Excellence in Architecture, Honor Award, Unbuilt Design, <i>AIA/Miami</i>	2003
<i>Big Woods: 4 Houses 14 Acres.</i> With Marta Canavés, Landscape Architecture	
Honor Award, Unbuilt Design, <i>Boston Society of Architects</i>	2002
<i>Housing Diaspora: Little Haiti Infill.</i> With Marta Canavés, Landscape Architecture	
Education Honor Awards Citation: <i>American Institute of Architects/ National</i>	2002
<i>Rethinking MiMO [Miami Modern]: Establishing a Mid-century Historic District</i>	
Excellence in Architecture Honor Award, Unbuilt Design, <i>AIA Florida/Caribbean</i>	2002
<i>Housing Diaspora: Little Haiti Infill.</i> With Marta Canavés, Landscape Architecture	
Young Architectural Firm of the Year	
<i>American Institute of Architects/ Miami</i>	2001
Excellence in Architecture Unbuilt Design Award, <i>American Institute of Architects/Miami</i>	2001
<i>Housing Diaspora: Little Haiti Infill.</i> With Marta Canavés, Landscape Architecture	
Prize Miami/Architecture, 2001 <i>International Bienal Miami + Beach</i>	2001
<i>Housing Diaspora: Little Haiti Infill.</i> With Marta Canavés, Landscape Architecture	
Honorable Mention, 'Scattered Houses' Little Haiti Affordable Housing Competition, MoCA	2001
<i>Housing Diaspora: Little Haiti Infill.</i> With Marta Canavés, Landscape Architecture	
Excellence in Architecture: Honor Award Unbuilt Design, <i>AIA Miami</i>	2000
<i>Piazza Isolo Library, Parking, Plaza, Verona.</i> With Suria Yaffar	
Excellence in Architecture: Honor Award, Unbuilt Design, <i>AIA Florida/Caribbean</i>	1999
<i>Piazza Isolo Library, Parking, Plaza, Verona.</i> With Suria Yaffar	
Excellence in Architecture: Environmentally Conscious Design Award, <i>AIA Miami</i>	1999
<i>Belvedere Bridge: Miami Beach Townhomes</i>	

Selected Honors | Awards

Design Practice | Research | Teaching | Servant Leadership [Continued]

Excellence in Architecture: Honor Award, Unbuilt Design, <i>AIA Florida/Caribbean</i>	1998
<i>Mount Olive Affordable Infill.</i> With Molly Feltham-Adams, Landscape Architecture	
Excellence in Architecture: Honor Award, Unbuilt Design, <i>AIA/ Miami</i>	1998

<i>Belvedere Bridge: Miami Beach Townhomes</i>	
International Traveling Exhibition, NJIT/USA Institute	1998
<i>Piazza Isolo Library, Parking, Plaza, Verona. With Suria Yaffar</i>	
Excellence in Architecture: Honor Award, Unbuilt Design, AIA Miami	1995
<i>Mount Olive Affordable Infill. With Molly Feltham-Adams, Landscape Architecture</i>	
Young Architects' Award, <i>Progressive Architecture</i> Theme Issue: New Emerging Practices	1993
Selected Portfolio of Work: Architecture and Public Interest Advocacy	
First Award, Delray Beach National Affordable Infill House Competition	1992
<i>Mount Olive Affordable Infill. With Molly Feltham-Adams, Landscape Architecture</i>	
Women in Architecture, <i>National Building Museum Archives Collection</i>	1992
Selected Portfolio of Work	
Women in Architecture, <i>Architecture Magazine</i> Theme Issue Selected Portfolio of Work	1992
Excellence in Architecture: Honor Award Unbuilt Design, AIA Florida/Caribbean/Sasaki	1990
<i>Sawgrass Education Center. With Sasaki Associates</i>	
Design Merit/Exhibition Award, U.S. Department of the Interior	1990
<i>Peace Garden Competition, Haynes Point. With David Miller, Landscape Architecture</i>	

Research

Creative Work | Grants + Stipends

Research + Teaching Grants | Stipends [Selected]

InWE + SERC Resilient Field Operations Center [FOC], FIU MMC	2018
\$ 15,000 Principal Investigator. FIU By Design.	
Co-PIs: M. Marine, A. Read, C. Salazar, and S. Pezeshk	
Miami Children's Museum Design of Sea Level Rise Exhibition for MCM	2016-2017
\$ 55,000 Principal Investigator	
with Tiffany Troxler, Eric Peterson Phase 2	2017
\$ 15,000 Principal Investigator I	
with Tiffany Troxler, Eric Peterson Phase 1	2016
National Endowment for the Arts + The American Architectural Foundation	2016
<i>Mayors' Institute on City Design: Miami Beach</i>	
\$ 50,000 Principal Investigator. Mark Marine, Co-PI	
Liberty Square Rising Community Conversations Public Housing	2016
\$ 15,000 Principal Investigator. Mark Marine, Co-PI	
National Science Foundation Research Community Network	2015-2018
\$ 903,077 FIU Co-PI. Michael Sukop, FIU PI. SE Environmental Research Center	
CARTA Seed Grant: Faculty Development.	2016-2017
\$ 4,000 Co-PI with faculty in CARTA SJMC: Environmental Communication	
Miami Center for Architecture and Design	2016
<i>The Radical HIVE: Urbanism and Social Housing in Latin America at Mid-Century</i>	
\$ 1,500 Principal Investigator. With Eric Goldemberg.	
CINTAS Foundation Fellowship in Architecture	2012-2014
\$ 10,000 Principal Investigator. With Marta Canavés, Landscape Architecture	
Andrew W. Mellon Foundation Wolfsonian-FIU Grant	2014-2015
<i>The Radical HIVE: Urbanism and Social Housing in Latin America at Mid-Century</i>	
\$ 5,000 Principal Investigator. With Eric Goldemberg.	
Office of University Sustainability, College of Architecture + The Arts FIU	
<i>PerFORM[D]ance: Agenda for a Solar House. Publication on SD 2011</i>	2015
\$ 3,750 Principal Investigator.	
Cejas Family Foundation Faculty Research Funding	2014
<i>The Radical HIVE: Urbanism and Social Housing in Latin America at Mid-Century</i>	
\$ 1,750 Principal Investigator. With Eric Goldemberg.	
Cejas Family Foundation Research Awards [Architecture, Landscape Architecture]	2013-2014
<i>MIAMI 2100: Envisioning our Next Century [Exhibition + Catalogue]</i>	
\$ 12,000 Principal Investigator. With Marta Canavés	
National Science Foundation Urban Long-Term Research Area -Exploratory Grant	2010-2014
<i>Double Exposures: Socio-cultural Vulnerabilities in the Miami Dade Urban Region</i>	
\$ 350,000 Senior Personnel. Gail Hollander, Department of Geography, PI.	
U.S. Department of Energy National Energy Administration, China	2011-2013
<i>Solar Decathlon China 2013: THU-FIU O-House Tsinghua University FIU.</i>	
\$ 100,000 Senior Personnel. Yimin Zhu, Dept. Construction Management, PI, FIU	
U.S. Department of Energy National Renewable Energy Laboratory	2009-2011
<i>U.S. Solar Decathlon 2011: FIU PerFORM[D]ance House</i>	
\$ 100,000 Principal Investigator	
U.S. Department of Energy Auxiliary Funding to Support Hispanic + Minority Students	2011
<i>U.S. Solar Decathlon 2011: Student Housing, Washington DC.</i>	
\$ 13,800 Principal Investigator	

Research

Creative Work | Grants

Research + Teaching Grants | Stipends [Selected | Continued]

In-Kind Support + Pro bono Professional Services	2010-2011
<i>U.S. Solar Decathlon 2011: FIU PerFORM[D]ance House</i>	
\$ 300,000 Principal Investigator. With CARTA Advancement + Student Team	
Andrew W. Mellon Foundation Wolfsonian-FIU Curatorial Grant	2010

	<i>La Habana Moderna: The Cuban Republic, 1902 - 1959</i>	
\$ 2,000*	Principal Investigator. With Jon Mogul. *Plus Exhibition Costs	
American Institute of Architects Research + Publication Grant		2010-2014
	<i>Small Extraordinary: The AIA Small Project Awards</i>	
\$ 8,000*	Principal Investigator. *Plus Publication Costs	
American Institute of Architects Research + Publication Grant		2009-2010
	<i>AIA Guide to MIAMI Building Paradise: An Architectural Guide to the Magic City</i>	
\$ 50,000*	Principal Investigator. *Plus Publication Costs	
The Graham Foundation for the Advancement of the Fine Arts		
	<i>History Theory Criticism Workshops, Florida International University</i>	2008
\$ 5,000	Co-PI with Andia, Stuart, Read. David Rifkind PI	
Cejas Family Foundation Research Award		2008
	<i>Miami Modern/La Habana Moderna</i>	
\$ 7,500	Principal Investigator. With Marta Canavés, Landscape Architecture	
American Institute of Architects Regional and Urban Design Committee		2006
	<i>Walking, Working, Water AIA Livable Communities Conference</i>	
\$ 2,000	Principal Investigator	
The Graham Foundation for the Advancement of the Fine Arts		2005
	<i>Miami Modern/La Habana Moderna 1902-1959</i>	
\$ 4,500	Principal Investigator. With Marta Canavés and Steven Brooke	
International Architecture Biennale Rotterdam NAI: Research + Exhibition Grant		2005
	<i>Miami La Habana Magic City Novia del Mar. The Flood Mare Nostrum</i>	
Second International Architecture Biennale Rotterdam		
\$ 6,000	Principal Investigator. With Marta Canavés, Landscape Architecture.	
Community Trails Development Grant		2005
	<i>Big Woods Development: Demonstration Affordable Rural Housing</i>	
\$ 50,000	Design Architect. Stacey Epperson, Principal Investigator, Director: Frontier Housing Corporation, Morehead, Kentucky	
Nickelodeon Development Grant		2005
	<i>Big Woods Playground: Demonstration Affordable Rural Housing</i>	
\$ 10,000	Design Architect. Stacey Epperson, Principal Investigator, Director: Frontier Housing Corporation, Morehead Kentucky	
Home Depot Foundation Grant		2004
	<i>Big Woods Development: Demonstration Affordable Rural Housing</i>	
\$ 30,000	Design Architect. Stacey Epperson, Principal Investigator, Director: Frontier Housing Corporation, Morehead Kentucky	
Department of Housing and Urban Development/RHED Grant		2003
	<i>Big Woods Development: Demonstration Affordable Rural Housing</i>	
\$ 400,000	Design Architect. Stacey Epperson, Principal Investigator, Director: Frontier Housing Corporation, Morehead Kentucky	
American Institute of Architects Committee on Design International Conference		2004
	<i>Modern Dutch Social Housing Conference, Holland. Graduate Studio Research Travel</i>	
\$ 18,000	Principal Investigator	
Academy for the Art of Teaching The Wolfsonian-FIU		2001
	<i>Instruments of a Material Culture: Working with the Collections of the Wolfsonian-FIU</i>	
\$ 2,500	Principal Investigator. With Marta Canavés, Landscape Architecture	
AMR/ American Airlines Foundation Grant		2000
	<i>Graduate Studio Research Travel to Jamaica</i>	
\$ 10,000	Principal Investigator. With John Stuart	
Sponsored Research Grant, FIU, Latin Builders' Association		1999
	<i>Graduate Studio Travel: San Juan, Puerto Rico Universidad Politécnica de Puerto Rico</i>	
\$ 10,000	Principal Investigator. With Nicolas Quintana	
Aga Khan Research Grant, MIT		
	<i>Cordoba, Spain: Historic Documentation and Analysis</i>	
\$ 10,000	Graduate Student Team. MIT Professor Fernando Domeyko-Perez, PI	

Research

Creative Work | Design Practice

Exhibitions: Curatorial | Design

<i>Shaping the Future of Miami: Designing for Sea Level Rise</i>	2019
With Gensler Miami. Exhibition at the Miami Center for Architecture + Design. Focused on the work produced by my 2018-19 Masters Project Studio + Seminar. Programming in conjunction with AIA Sea Level Rise Task Force	
<i>The Radical HIVE: 20th Century Experiments in Social Housing + Urbanism in Latin America</i>	2015-2019
With Eric Goldemberg. Miami Center for Architecture + Design. Focused on the work produced by joint 2015-16 Social Housing Seminar.	

Research

Creative Work | Design Practice

Exhibitions: Curatorial | Design [Continued]

Universidad Católica de Chile, Santiago; Seika University, Kyoto. Funding: Cejas Family Foundation, Andrew W. Mellon Foundation	
<i>MIAMI 2100: Envisioning a Resilient Second Century</i>	2014-2015
With Marta Canavés. Coral Gables Museum of Florida. Funding: National Science Foundation, Cejas Family Foundation, Cintas Foundation; Coral Gables Museum, Coral Gables, FL; Florida International University	

	<i>La Habana Moderna: The Cuban Republic: 1902-1959</i>	2010
	With Jon Mogul. <i>The Wolfsonian-FIU Teaching Gallery at the Philip and Patricia Frost Art Museum, Miami, FL.</i> Funding: Andrew W. Mellon Foundation	
	<i>Magic City Novia del Mar: Costal Urban Development in Miami + La Habana 1900-2100</i>	2005
	With Marta Canavés. <i>2nd International Architecture Biennale Rotterdam: The Flood Mare Nostrum, Las Palmas and Netherlands Architecture Institute, Rotterdam</i>	
Research		
Creative Work Design Practice	Housing + Urban Regional Design	
	<i>Smoketown: Affordable infill/infrastructure, Louisville, KY</i>	2008
	Bates Memorial Church + CRA; Louisville Metro Housing Authority; Louisville Metro Planning; Kentucky Housing Corporation; University of Kentucky	
	<i>Galata Housing, Bulgaria. Invited Design + Planning Charrette</i>	2006
	<i>Big Woods: Affordable rural housing, Morehead, KY:</i>	2004
	Frontier Housing Corporation, Kentucky Housing Corporation, University of Kentucky and professional team The Landplan Group	
	<i>Little Haiti Scattered Site Housing: Affordable urban infill, Little Haiti, Miami, FL:</i>	2002
	Little Haiti Housing Association FIU School of Architecture Practice American Institute of Architects-Miami Biennial Miami + Beach 2001	
	<i>Piazza Isolo, Verona, Italy: Library, retail, parking and public space</i>	1998
	Competition Entry and Exhibitions	
	<i>Belvedere/Bridge and Tower: Miami Beach, FL: Townhomes, Miami Beach Historic District</i>	1998
	Miami Beach Townhomes Association Inc.	
	<i>Mount Olive Housing: Affordable residential infill, Delray Beach, FL:</i>	1995
	Delray Beach Community Redevelopment Agency and neighborhood association	
	<i>Williamson Residence, Miami, FL:</i>	1994
	Post Hurricane Andrew reconstruction: New single-family residence	
	<i>Roark Residence Miami Beach, FL:</i>	1993
	Additions full renovations to historic 1930's waterfront home	
	<i>Matas-Lupi; Baker; Gudridge; Lisman; and Siegel Residences, Miami, FL:</i>	1992-1994
	Additions + renovations of single-family residences, various scales	
	<i>Cutler Ridge Shopping Plaza We Will Re-build</i>	1992
	Leader, Post Hurricane Andrew Community Urban Planning Charrette	
	<i>Florida City: A New City Hall</i>	1992
	Post-Hurricane Andrew Community Design Charrette	
	Institutional Projects	
	<i>The Hebrew Academy Temple Beth Israel, Miami Beach</i>	2014-2015
	Design Visioning Charrettes FIU By Design	
	<i>Miami International Airport GSE Facility/ South Terminal Expansion Project</i>	2006
	Miami-Dade County Aviation Department Additions Renovations, Miami, FL	
	<i>Sunset Park Elementary School, Miami, FL:</i>	1996-2003
	Miami-Dade Public Schools: Additions, renovations to elementary school campus	
	<i>Miami-Dade County Fire Station #32:</i>	2001
	Miami Dade County Fire Department: Renovations	
	<i>USDA Fumigation Facility/Miami International Airport</i>	2000
	Miami Dade Aviation Department USDA: Renovations Expansion	
	<i>Urban Search and Rescue Team Training Facility</i>	2000
	Miami-Dade County Fire Department: Renovations Expansion	
	<i>Sawgrass Education Complex, Coral Springs, FL, w/Sasaki Associates, Inc., Designer</i>	1993
	<i>Collier Medical Office Building, Naples, FL: With Sasaki Associates, Inc., Project Designer</i>	1992
	<i>Hickory Point Recreation Facility, Tavares, FL: w/Sasaki Associates, Inc., Project Designer</i>	1991
	<i>Sugar Sand Park Community Center, Boca, FL: w/Sasaki Associates, Inc., Project Designer</i>	1990
Research		
Creative Work Publications	Authored Edited Books + Manuscripts Juried + Invited	
	<i>The Radical HIVE: Urbanism and Social Housing in Latin America</i>	2020
	M. Nepomechie, E. Goldemberg, Editorial Guillermo Kliczkowski, Buenos Aires	
	<i>Miami Modern/La Habana Moderna: 1900 - 1960</i>	2020
	M. Nepomechie; S. Brooke/Photography, M. Canavés/Design	
	<i>Miami 2100: Envisioning a resilient second century</i>	2019
	M. Nepomechie, Marta Canaves, eds., AR+D Publishing	
	<i>PFDH PerFORM[D]ance: A Solar House</i>	2017
	M. Nepomechie, ed.	
Research		
Creative Work Publications	Authored Edited Books + Manuscripts Juried + Invited [Continued]	
	<i>AIA Guide to MIAMI Building Paradise: An Architectural Guide to the Magic City</i>	2010
	M. Nepomechie; S. Brooke; M. Canavés; American Institute of Architects Miami, Wash. DC	
	<i>Biennial Miami + Beach 2001-2005: A retrospective, J. Canaves, C. Casuscelli</i>	2007
	M. Nepomechie, editor, M. Canaves, design; Editorial TRAMA, Quito, Ecuador	
	<i>Archipelagos: Outposts of the Americas [Proceedings, ACSA 94th Annual Meeting]</i>	2004
	R. Gonzalez, M. Nepomechie, executive editors; ACSA Press, Washington DC	
	Authored Articles + Book Chapters Juried + Invited	
	"Architecture Education in the 21 st Century" w/ M. Mostafa. in A. Salama and H. Harriss, Routledge	2020

"Foreword," in <i>Design Thinking: A Guide to Creative Problem Solving</i> , A. Pressman, Routledge	2018
"The Radical Hive," in <i>Arq. Urb.: Curando Arquitectura</i> , Sao Paolo, Brazil w/ E. Goldemberg	2017
"Community City," in <i>International New Landscape Journal</i> , Yutong Publishing	2014
"Smoketown," in <i>AIA, Design for the New Decade</i> , Design Media Publishing	2012
"Mapping Identity," <i>Narkiewicz-Laine, C., New American Architecture</i> , Metropolitan Arts	2010
"Case Study: Biscayne Plaza" in Shulman, Allan T., ed., <i>Miami Modern Metropolis</i> , Rizzoli	2008
"Introduction", in Abbatte, A., <i>Sustainable Accessible THOR</i> , Florida Atlantic University Press	2008
"Big Woods/Access" in Pressman, A. ed, <i>Mau Design, Architectural Graphic Standards</i> , Wiley	2007
"Projects/ Letters", in Cole, Doris, <i>Letters: Women in Architecture</i> , Midmarch Arts Press	2006
"Little Haiti" in Narkiewicz-Laine, C., ed., <i>New American Architecture</i> , Metropolitan Arts	2006
"Miami/ La Habana" in Geuze, Adriaan, ed., <i>IABR: The Flood</i> , NAI Publishers	2005
"Magic City/Novia del Mar" in de Baan, Christine, ed., <i>The Mare Nostrum Papers</i> , IABR, NAI,	2005
"Quilting Home" and "Big Woods", in <i>The Art/ Science of Architecture</i> : ACSA	2005
"Construction Documents", <i>Emerging Professionals' Companion</i> , w/M Paynton, AIA/NCARB	2004
"Review" of Oliver, P., <i>Dwellings: The vernacular house worldwide</i> , in JAE, MIT Press	2004
"Public Space/Urban Beach", in Childs, M., <i>Square Design</i> , University of New Mexico Press	2004
"Housing Diaspora", in <i>Journal of Architectural Education</i> , MIT Press	2003
"Scattered Site Infill, Little Haiti", in <i>Recalibrating Centers and Margins</i> , ACSA,	2003
"El Callejón Como Espacio Habitable", <i>Punto 70: Revista Universitaria</i> , UCV, Caracas	2003
"Krier/ Tschumi: Two Schools...", in <i>AULA 3: Tropical Miami</i> , Tulane University Press,	2002
"Nostalgia and Change" ACSA International Conference Proceedings: Rio de Janeiro, Brazil	2001
"Exploding the Urban Block", ACSA Annual Conference Proceedings:	2001
"Rethinking MiMo", Editor, <i>Symposium Proceedings, FIU and Design + Architecture Day</i>	2001
"Preservation/Activism" in A. Pressman, <i>Architectural Design... Handbook</i> , McGraw-Hill	2001
"Habitable Interstices", in <i>Proceedings, ACSA Annual Conference</i> , LA,	2000
"Re-Membering the Adige", <i>Modulus 25: Urban Intersections</i> , University of Virginia Press,	2000
"William R. Mead," in <i>American National Biography</i> , Garraty, JA, ed., Oxford University Press	1999
"An Architecture of Memory and Inclusion", ACSA International Conference, <i>Proceedings</i> ,	1999
"Unacceptable Echoes" in <i>Places: A Quarterly Journal of Environmental Design</i> , UC Berkeley	1997

**Research
Creative Work | Citations**

Reviews of Creative Work + Teaching [Multiple citations each source]

1990-2019

Abitare; Architect Magazine; Architecture Magazine; Architecture Boston; Architecture Canada; Architecture Ireland; Competitions; Florida Architecture: Florida AIA, 1912-2000; Florida/Caribbean Architect; FIU Magazine; Landscape Architecture Magazine; Modulus: University of Virginia Architecture Journal; National Building Museum Archives; Offagano; Perspecta: Yale Architectural Journal (invited); Places: A Quarterly Journal of Environmental Design/UC Berkeley; Progressive Architecture; Residential Architect; SNAP; Thresholds: MIT Critical Journal of Architecture, Art and Media Culture; Palimpsests In Stone; Scattered Houses/MoCA; Miami Herald; Nuevo Herald; Florida Sun Times; The New York Times; Archinect; ArchDaily; Inhabitat; ArchNewsNow; Bustler; WLRN, Architects' Newspaper

**Research
Creative Work | Exhibitions**

Exhibitions of Creative Work | Juried + Invited

Work: American Institute of Architects, Miami, Miami Center for Architecture + Design	2016
Work: American Institute of Architects, Miami, Miami Center for Architecture + Design	2015
Miami 2100: Envisioning a Resilient Second Century, Coral Gables Museum, Miami FL	2014
Faculty Design: FIU School of Architecture, Miami Beach Urban Studios, Miami FL	2013
2011 National AIA Institute Honor Awards: Regional Urban Design, NO, LA + Traveling	2011-2012
The 2009 American Architecture Awards/Chicago Athenaeum + EUAR, Athens, Greece	2010
Boston Society of Architects/ Build Boston, <i>Unbuilt Design Awards</i> , Boston, MA	2008
American Institute of Architects Miami/ Freedom Tower, AIA Awards, Miami, FL,	2008
American Institute of Architects Florida/ Caribbean Gallery, AIA Awards, Tallahassee, FL,	2008
A New American Campus: <i>Visioning Studies/ Housing</i> , University of New Mexico, Albuq., NM	2007
New American Architecture: American Architecture Awards/Chicago Athenaeum: NYC/NY	2005
New American Architecture: American Architecture Awards/Chicago Athenaeum: LA/CA	2005
International Architecture Biennale Rotterdam, <i>Mare Nostrum/The Flood</i> , Rotterdam, NL,	2005
Faculty Design and Collaborative Practice Awards, American Institute of Architects, LV/NV	2005
2004 American Architecture Awards, The Chicago Athenaeum Museum, Chicago, IL,	2005
Association of Collegiate Schools of Architecture, <i>Faculty Design Award</i> , Chicago, IL	2005
Association of Collegiate Schools of Architecture Collaborative Practice Award, Chicago, IL	2005
Architecture and Building Sciences Gallery, AIA Awards FAMU, Tallahassee, FL,	2004

Exhibitions of Creative Work | Juried + Invited [Continued]

BEA International Architecture Gallery, FIU, <i>Faculty Work: Recent Projects</i> , Miami, FL	2004
American Institute of Architects Florida/Caribbean Gallery, AIA Awards, Tallahassee, FL,	2004
Boston Society of Architects Architecture Gallery/ Build Boston, <i>Design Awards</i> , Boston, M	2003
International Bienal Miami + Beach, <i>Landscape Architecture/Public Projects</i> , Miami, FL,	2003
BSA Architecture Gallery/ Build Boston, <i>BSA Design Awards</i> , Boston, MA,	2002
Architecture and Building Sciences Gallery, AIA Awards FAMU, Tallahassee, FL,	2002
American Institute of Architects Florida/Caribbean Gallery, AIA Awards, Tallahassee, FL,	2002
Museum of Contemporary Art, <i>Little Haiti Affordable Infill Housing Competition</i> , NM, FL,	2001
Architecture and Building Sciences Gallery, AIA Awards FAMU, Tallahassee, FL,	1999
American Institute of Architects Florida/Caribbean Gallery, AIA Awards, Tallahassee, FL,	1999
Architecture and Building Sciences Gallery, AIA Awards, FAMU, Tallahassee, FL,	1998

Veronafiore Gallery, NJIT/USA Piazza Isolo Competition Exhibition, Verona, IT	1998
American Institute of Architects Florida/Caribbean Gallery, AIA Awards, Tallahassee, FL	1998
Bass Museum of Art: <i>Architectural Detailing</i> , Miami Beach, FL, Invited	1994
Yale University Architecture Gallery, <i>Perspecta Affordable Housing Exhibition</i> , New Haven	1993
Center for the Fine Arts/ Miami Art Museum: <i>Miami: Architecture in the Tropics</i> , Miami, FL,	1993
Center for the Fine Arts/Miami Art Museum: <i>New South Dade Charrette</i> , Miami, FL,	1992
Cornell Museum of Art: <i>Delray Affordable Infill House, Competition Entry</i> , Delray Beach, FL,	1992
Piano Nobile Art Gallery: <i>Buildings and Projects: Oil Pastels</i> , Coral Gables, FL	1992
Continuum Art Gallery: <i>Buildings: Oil Pastels</i> , Juried Exhibition, Miami Beach, FL,	1992
Architecture and Building Sciences Gallery, AIA Awards, FAMU, Tallahassee, FL,	1990
American Institute of Architects Florida/Caribbean Gallery, AIA Awards, Tallahassee, FL,	1990
University of Miami Architecture Gallery: <i>Sawgrass Complex</i> , Coral Gables, FL	1990
National Building Museum: <i>National Peace Garden Competition Entry</i> , Washington DC	1989
Washington University Architecture Gallery: <i>Steedman Traveling Fellowship</i> , STL, MO	1988
Columbia University Architecture Gallery: <i>Aga Khan Grant Drawings: Cordoba, Spain</i> , NYC	1984
MIT Architecture Gallery: <i>Aga Khan Research Drawings: Cordoba, Spain</i> , Cambridge, MA	1984

**Research
Creative Work | Presentations**

Lectures, Presentations | Juried + Invited

"Cuba: Architecture," Architectural Adventures, American Institute of Architects [invited]	2020
"From Neoclassical to Modern: Cuban Architecture from the 1920s to the 1950s," Panelist	2019
"Tel Aviv: The White City Miami Beach Historic District," Jewish Museum of South Florida	2019
"Triennium Report: Canberra" UIA Education Commission, Gen. Assemb., Baku, Azerbaijan	2019
"Resilience and the Built Environment," Panel moderator, AIA Japan, Meiji University, FIU	2019
"Resilience Planning," Panelist, Façades Forum Miami, University of Miami School of Architecture	2019
"Collective Action: Design-Based Leadership for Resilience + Climate Adaptation," NCSE, DC	2019
"In the Academy," Women Up: Beverly Willis Architecture Foundation Roundtable, Miami, FL	2018
"Around the World: Sibling Organizations in Architectural Education," Panel Chair, Quebec City	2018
"Policies and Protocols," Moderator + Co-Chair, ACSA International Conference, Madrid	2018
"Naturing the City: Toward Sustainable Community, Resilient Infrastructure" MOAD Smithsonian	2018
"UIA Education Commission: Perspectives and Aspirations," London, UK	2018
"Work," ACSA Distinguished Professor Lecture, Denver CO	2018
"Visualization Tool for Decision-Making in Coastal Communities," Moderator, NCSE, Wash, DC	2018
"Miami 2100: Responding to Climate Change," Ordine Degli Architetti di Genova, Genoa, IT	2017
"Smart Cities," National Science Foundation Workshop, Beijing, China [invited]	2017
"AIA Design Awards" University of North Carolina and AIA Charlotte, North Carolina	2017
"Consolidation of Cuban Art: 20 th Century," Moderator, <i>Movable Nation</i> , Frost Art Museum	2017
"Mid-century Modernism in La Habana," <i>Havana Revealed</i> , National AIA, La Habana Cuba	2017
"U.S. – Cuba Architectural Linkages," <i>Havana Revealed</i> , National AIA, La Habana Cuba	2017
<i>Brooklyn Says 'Move to Detroit'</i> Various panels. ACSA Annual Meeting, Detroit MI,	2017
"Women in Architecture," "Panelist, AIAS South Quad, Miami Beach, FL	2017
<i>Architectural Education Coordinating Council</i> , Various presentations, Washington DC	2017
"Solar Decathlon Strategies," Final Reviews, Washington University St. Louis, Missouri	2016
"CARTA work on Climate Change," Opening, FIU SLSC, Miami Beach Urban Studios, FL	2016
<i>Cross-Americas: Probing Dis-Global Networks</i> , Various. ACSA International, Santiago, Chile	2016
"The Academy as Convener: Designing Urban Resilience" ELEP Conference, Naples, FL	2016
"Architecture Education Practice," Think-In, Tampa, FL [Invited]	2016
"Miami: Responses to Sea Level Rise," USNC Panelist Discussant, Delft, Netherlands	2016
"Miami: At Sea Level," Louisiana Coastal Resilience Institute, LSU, Baton Rouge, LA	2016
<i>Shaping New Knowledges: Architectural Research</i> , Various. ACSA, Seattle, WA	2016
"Sea Level Solution Center CARTA: The Designed Environment," AIA Miami, MCAD, FL	2016
"Radical HIVE: Social Housing in Latin America", Panel Moderator, MCAD, Miami, FL	2016
"Academy Profession: A Collateral Conversation", Panelist, AIAS FORUM, San Francisco, CA	2015
"CLIMA: Paris Talks Local Actions", Panelist + Moderator, Miami, FL	2015
"Holoscenes: A Conversation", Art Basel, Miami, invited	2015
<i>Uncharted Territories</i> , Various. ACSA Administrators' Conference, San Juan, Puerto Rico	2015
"University City," Mayors' Institute for City Design, NEA + Fayetteville, Arkansas	2015
"WiA The Academy: 8 x 8," with Marta Canavés, Miami Center for Architecture + Design	2015

**Research
Creative Work | Presentations**

Lectures, Presentations | Juried + Invited [Continued]

"Designing for Resilience," Co-Moderator, <i>Facades The Architects' Newspaper</i> , Miami	2015
"Dutch Dialogues: Resilient Redesign 2, Southeast Florida Climate Compact, Hollywood, FL	2015
"The Rising Sea: A Sea Level Rise Teach-In," Panelist, Miami Beach, FL	2015
"Miami: Urbanism, Culture, Resilience", Harvard GSD, New World Campus [Invited]	2015
"Designing for Resilience," Miami Beach Centennial Celebration, City of Miami Beach, FL	2015
"Comprehensive Integrated Design," ACSA Annual Meeting, Toronto, CA	2015
"Designing the Resilient City," Coral Gables Museum Panel Moderator, Miami FL	2015
"Miami 2100: Academic Research", University of Miami School of Architecture, Miami, FL	2015
"Changing Building Codes for Climate Resilience," AIA Miami Coral Gables Museum, FL	2015
"Women in Architecture Academy," Pratt Yale University, New York, NY [invited]	2015
"Frost Science Innovations Weekend," Frost Museum of Science, Miami, FL [invited]	2015
"Miami 2100," Cannonball Fellows Panelist, Miami	2015
"Miami 2100 Exhibition Tours, Presentations, Discussions, Multiple Audiences	2014-2015

"Principled Design," Harvard Design Week Miami Center for Architecture + Design	2014
"International Study Programs," Deans of the Americas Conference, Antigua Guatemala	2014
"Work," Panelist, School of Architecture, Providence, RI	2014
"Trans-disciplinary Research Studios," ACSA International Conference, Seoul, South Korea	2014
"Work", University of New Mexico School of Architecture + Planning, Albuquerque, NM	2014
"Climate Change and Education," Co-Moderator, ACSA Annual Meeting, Miami, FL	2014
"El Vedado: History of a Havana Neighborhood," Panelist, Cuban Research Institute, FIU	2013
"Miami 2100: Envisioning our Second Century," ACSA Subtropical Cities, FLL, FL	2013
"A Resilient Built Environment; Solutions for the Ultimate Design Challenge," Moderator, FLL, FL	2013
"Design: Shaping our Built Environment," Sea Level Rise + Planning for Resilience, Miami, FL	2013
"Miami Beach 2100," Spaces + Flows Conference, Amsterdam, NL, Invited	2013
"Re-imagining Sustainability: Civic Engagement and the Academy," Amsterdam, NL, Invited	2013
"Resilient City: Envisioning the effects of Sea Level Rise," Lisbon, Portugal, Invited	2013
"Designing Smoketown: A Case Study in Civic Engagement," Lisbon, Portugal, Invited	2013
"SD China 2013 Design Development Workshop", Tsinghua University Beijing + Datong, CH	2012
"Ecologies of Engagement," Maxfield Lecture, Miami University of Ohio, Oxford, OH	2012
"Site Planning," AIA YAF Boot Camp: Preparation for the Architectural Registration Exam	2012
"SD China 2013 Design Workshop," Tsinghua University, Beijing, China	2012
"Community Engagement in the Academy," ACSA Intl Conference, Barcelona, SP, invited	2012
"Solar Decathlon Roundtable," Panelist, ACSA 100, Boston, MA	2012
"Small Project Design Awards and Retrospective," AIA National Convention Washington DC	2012
"8 x 8 x 2 Projects," AIA Women in Architecture and Young Architects Forum, Miami	2011
"Small Practices + the AIA 2030 Initiative," AIA National Convention, New Orleans, LA	2011
"2011 Small Project Design Awards," AIA National Convention, New Orleans, LA	2011
"AIA Top Ten Issues Forum, SPP", AIA National Convention, New Orleans, LA	2011
"Building Paradise: An Architectural Guide to the Magic City," Wolfsonian-FIU, Miami, FL	2011
"Diverse Voices: Interconnections Artist, Architect, Curator," ArteAmericas, Miami, FL	2011
"Building Paradise: Miami Architecture", University of Miami, Miami, FL	2011
"Urban Design Education," Discussant, ACSA Annual Meeting, Montreal, Canada	2011
"In a Man's World: Mentoring Women in Architecture," Perkins + Will,	2011
"La Habana Moderna", Public Lecture, Frost Art Museum and the Wolfsonian-FIU	2010
"La Habana Moderna", Docents Presentation, Frost Art Museum and the Wolfsonian-FIU	2010
"2010 Small Projects Design Awards: In the Public Interest," AIA National Convention	2010
"Chameleon Architects: In the Public Interest" Boston Society of Architects, Boston MA	2010
"Small Footprint, Long Shadow," Boston Society of Architects, Boston MA	2010
"Architecture on Television", Buell Center, Columbia University and AIA, New York, New York	2009
"Best Practices: Small Projects/ Big Ideas", AIA National Convention, San Francisco, CA	2009
"Strategies for Small Project Production," AIA national Convention, San Francisco, CA	2009
"Mapping Identity", Design Awards Seminar, AIA Florida/Caribbean Annual Conference, FL	2008
"National Small Project Design Awards", Panel, AIA 2008 National Convention, Boston, MA	2008
'Small Projects Design Awards' Interview w/ Michael Crosbie, 2008 AIA National, Boston, MA	2008
"Best Practices: Advocacy, Collaboration", panel, AIA National Grassroots 2008, Wash., DC	2008
"Identidad Caribe", XXX Congreso Colombiano /Arquitectura, Barranquilla, Colombia, inv	2007
"Building Our Schools", Panelist, ACSA Administrators' Conference, Minneapolis, MN	2007
"Cuba Explored", Panelist, University of Pennsylvania Institute of Contemporary Art, Phil, PA	2007
"Collaborations", University of Illinois Chicago, Chicago, IL	2007
"Small Projects Awards" Presentation Panelist, AIA Annual Meeting, San Antonio, Texas	2007
"Education/Practice/Community", AIA Florida/Caribbean Annual Meeting, Boca, FL,	2006
"Educating Architects for Global Practice" <i>The Walter Wagner Forum</i> , panelist, AIA/ LA, CA	2006
"Environments Real/Imagined", <i>Agendas of Design in the Modern World</i> : Wolfsonian-FIU, FL	2005
"Between Cultures: Miami/Habana," <i>Center for Historic Architecture Preservation</i> / UK, FL,	2005
"Promise of the Unbuilt: Boston Society of Architects," Panelist, <i>Build Boston</i> , Boston, MA,	2005
"Big Woods", Faculty Design/Research Awards: ACSA Annual Meeting, Chicago, IL	2005
"Big Woods", Collaborative Practice Awards: ACSA Annual Meeting, Chicago, IL	2005
"Miami/La Habana", Mare Nostrum Symposium/Social Issues: Panelist/Curator, IABR, NAI, NL	2005

Research
Creative Work | Presentations

Lectures, Presentations | Juried + Invited [Continued]

"Miami/La Habana", Mare Nostrum Research Forum, IABR: Rotterdam, NL	2005
Commencement Address/ Spring, Florida international University, Miami, FL,	2005
"Accreditation Team Room", Presentation, NAAB Team Chair Workshop, Chicago, IL,	2005
"Modern Dutch Housing", Panelist, AIA/COD International Conference, Amsterdam, NL,	2004
"Big Woods: Partnership and Process as Design Strategy", AIA Florida/Caribbean FL	2004
"Quilting Home," University of Wisconsin School of Architecture/Latin American Center, WI	2004
"Sixty Square Meters" Affordable Housing Symposium, University of Illinois/ Chicago, IL,	2003
"Big Woods: Housing, Community, Engagement", Keynote, Governor's Housing Conf., KY,	2003
"4 Houses/14 Acres: Affordable Housing for Rural Appalachia", UK, Lexington, KY,	2003
"Architecture and Identity: A Working Method", Spring Lecture Series, UK, Lexington, KY,	2003
"Big Woods" Kentucky Housing Corporation and University of Kentucky, Frankfort, KY	2003
"Scattered Houses: Little Haiti", Faculty Design, ACSA Annual Meeting, Louisville, KY	2003
"Vivienda", Conferencia Magistral/Keynote, XIII Bienal de Arquitectura, Quito, Ecuador	2002
"Urban Infill/Preservation ", International Making Cities Livable Conference, St. Augustine, FL	2002
"NAAB Accreditation/ Program Preparation", University of Colorado, Denver CO	2002

	"Team Room Preparation: Best Practices", NAAB/ ACSA Workshop, New Orleans,	2002
	"Nostalgia and Change", ACSA International Conference, Istanbul, Turkey	2001
	"Work", University of South Florida School of Architecture Spring Lecture Series, Tampa, FL	2001
	"Exploding the Urban Block", ACSA 2001 Annual Conference, Baltimore MD,	2001
	"Recent Work", The John Gaw Meem International Lecture Series, UNM, Albuquerque, NM	2000
	"Habitable Interstices", ACSA Annual Conference, Los Angeles, CA,	2000
	"Rethinking MiMo", Co-Moderator, Panel Discussion, Design + Architecture Day, Miami, FL,	2000
	"Recent Work", U Miami School of Architecture Professional Lecture Series, Miami, FL,	1999
	"An Alternative Urbanism...", ACSA SE Regional Conference: San Juan, PR	1999
	"Re-Membering the Adige", ACSA International Conference: Rome, Italy,	1999
	"Toward Environmental Stewardship", ACSA West Regional Meeting, UC, Berkeley, CA,	1998
	"Slave Roots and Preservation", ACSA International Conference, Rio de Janeiro, Brazil	1998
	"Piazza Isolo, Verona," Universidad Politécnica de Puerto Rico, Visiting Critic Lecture, SJ, PR	1997
	"The Shotgun Reconsidered", AIA National Diversity Conference: w/Jack Travis, Seattle, WA	1997
Service Public Profession	Professional Awards Juries, Panels, Symposia, Conferences [Selected]	
	Conference Co-Chair [w/S. Vassigh], ARCC-EAAE International Research Conference UIA	2022
	Jury Member, <i>Chicago Athenaeum, 2019 American Architecture Award</i> [invited]	2019
	Jury Member, <i>ACSA Distinguished Professor Award</i>	2018
	Jury Chair, <i>AIA Charlotte, NC, Design Awards Program</i>	2017
	Jury Member, <i>ACSA 2017 Collaborative Practice Awards</i>	2017
	Symposium co-chair: <i>Radical HIVE: Social Housing in Latin America</i>	2016
	Conference co-chair, <i>Miami Beach 2100: Sea Level Rise and Planning for Resilience</i>	2013
	Jury Member, <i>ACSA 2013 National Collaborative Practice Award</i>	2012
	Jury Member, <i>Jeff Harnar 2012 National Award for Contemporary Architecture</i>	2012
	Jury Observer, <i>AIA National 2012 Small Projects Design Awards</i>	2012
	Jury Member, <i>AIA National Housing Design Awards</i>	2011
	Jury Member, <i>National US HUD Secretary (Housing and Urban Development) Design Awards</i>	2011
	Jury Chair, <i>AIA South Carolina Design Biannual Awards</i>	2011
	Jury Advisor, <i>AIA National Small Project Practitioners Design Awards</i>	2010
	Jury Member, <i>AIA Florida Southwest Annual Design Awards</i>	2010
	Jury Member, <i>AIA Orlando Annual Design Awards</i>	2010
	Jury Member, <i>AIA Florida William G. McMinn Outstanding Educator Award</i>	2010
	Jury Chair, <i>AIA Florida William G. McMinn Outstanding Educator Award</i>	2009
	Jury Member, <i>Walter Wagner Forum, American Institute of Architects (National)/ EPN</i>	2009
	Jury Member, <i>AIA Miami 2008 Silver Medal</i>	2008
	Jury Member <i>AIA Western Virginia 208 Design Awards</i> (invited)	2008
	Jury Member, <i>The Wolfsonian Research Fellowships 2008-2009</i>	2008
	Jury Member, <i>Miami-Dade County Cultural Arts Grants</i>	2002- Present
	Jury Member, <i>Bienal Miami + Beach 2007</i>	2007
	Jury Chair/Host, <i>AIA Orlando Annual Design Awards</i>	2006
	Jury Member, <i>Bienal Miami + Beach Possible Futures Digital Design Competition, Phase II</i>	2005
	Jury Member, <i>2006 ACSA/AIA Topaz Medallion</i>	2005
	Jury Member, <i>Architecture Magazine 'Home of the Year' Design Awards</i>	2005
	Jury Member, <i>Boston Society of Architects Unbuilt Design Awards</i>	2005
	Jury Chair, <i>Bienal Miami + Beach, International Student Design Competition</i>	2005
	Jury Member, <i>Miami Dade Cultural Arts Council Capital Development Grants Panel</i>	2001-2005
	Jury Member, <i>AIA Ft. Lauderdale Design Awards</i>	2004
	Jury Member, <i>Spanish Language Publications: History/Theory, XIII Bienal de Arquitectura, Quito</i>	2003
	Symposium Co-Director: <i>The Wolfsonian-FIU: Instruments of a Material Culture</i>	2000
Service Academic NAAB	National Architectural Accrediting Board	
	National Board of Directors President-elect and Executive Committee	2018-2021
Service Academic NAAB [Continued]	NAAB Visiting Teams:	
	Team Chair:	
	Notre Dame Louaize, Beirut [Elig, Postponed]	2019
	Universidad Peruana de Ciencias Aplicadas [Elig]	2018
	Portland State University	2015
	Universidad Politécnica de Madrid ETSAM [SE]	2013
	Universidad Europea de Madrid [SE]	2013
	Rochester Institute of Technology [Candidacy]	2011
	University of Virginia	2009
	New Jersey Institute of Technology	2008
	University Southern California	2007
	Virginia Polytechnic Institute + DC Consortium	2006
	Team Member:	
	Thomas Jefferson Philadelphia University [Mentor]	2018
	University of Maine at Augusta [Candidacy]	2013
	Temple University	2011
	University of New Mexico [observer]	2010
	University Nevada Las Vegas	2005
	University California Los Angeles	2004
	Princeton University	2003

Service Academic UIA RIBA International Validation	International Union of Architects Royal Institute of British Architects		
	Program Evaluation	Team Member	University of Cairo, Egypt [Invited] 2014
Academic LAAB Landscape Architecture	Landscape Architecture Accrediting Board		
	Visiting Team:	Team Member	University Nevada Las Vegas [invited] 2016
Service Academic University		Administrator Representative	Cal Poly Pomona [Invited] 2017
	Selected Academic Committees [Florida International University]		
	Strategic Planning Committee Pre-eminent Programs		2018-2019
	Professional Internship Program Development [NCARB-IPAL]		2016-
	Steering Committee, Sea Level Solution Center		2015-
	FIU Cuba Council CARTA CUBA Strategies		2015-
	CARTA Bauhaus Initiatives		2015-
	CARTA @ MANA Wynwood		2016-
	FIU- City of Miami Beach Partnership Steering Committee CARTA		2014-
	CARTA Climate Change Initiative		2016-
	CARTA SOA Curriculum + Post-Professional Program Development [ongoing]: MAUD; MAA Design + Health; DArch/ DDes [Research Tracks STEM CIP]		2016-
	University Master Plan Committee: Urban Design		2012-2014
	University Strategic Planning Committee: The Arts		2010-2011
	Global Learning Curriculum Committee		2010-2012
	Chair, Departmental Policies Committee		2012
	Chair, Departmental Budget + Personnel Committee		2012
	Chair, Faculty Assembly, College of Architecture + The Arts		2009-2011
	Chair, Faculty Assembly Steering Committee, College of Architecture + The Arts		2009-2011
	University Institutional Review Board [IRB]		2010-2016
	Member, Search Committee, Cuban Research Institute Director		2011
	Member, Search Committee, Dean, College of Architecture + The Arts		2010
	Member, Ad-Hoc Budget Review Committee, College of Architecture + the Arts		2009
	Steering Committee, SOA Representative, College of Architecture + the Arts		2009
	SACS Accreditation Steering Committee: QEP <i>Internationalizing the Curriculum</i>		2007-2010
	Chair, School of Architecture Curriculum + Academic Standards Committee		2007
	Architecture Program Curriculum Design [Graduate, Undergraduate: 4+2 and 5-year]		2003, 2008
	Architecture Program Report Co-Curator: NAAB Architecture Accreditation Exhibit		2002
	The Wolfsonian-FIU Museum, <i>Executive Committee, Academic Advisory Council</i>		2000- Present
	Academy for the Art of Teaching, <i>Advisory Council, FIU</i>		2003- Present
	President's Advisory Committee on Women, FIU		2001- Present
	University Honors and Awards Committee, FIU		2005-2007
	University Graduate Council, Evaluation of Graduate Degrees/Programs, FIU		2004-2006
	College of Architecture + The Arts Promotion Tenure + Curriculum Committees		2006- Present
	School of Architecture Academic Standards Committee Chair		2006- Present
	School of Architecture Representative, College Curriculum Committee		2006- Present
	Graduate Admissions Committee, School of Architecture		1997- Present
	Chair: Search, Tenure, Promotion Committees: Architecture, Landscape, Interiors		Ongoing
	University Faculty Senate/Senate Nominating Committee: Member, then Chair, FIU		2000-2002
	University Library Committee: Collection Development/Acquisitions, FIU		2000-2003
Service Public Community	Selected Community Boards and Service		
	City of Miami Beach Architectural Design Review Board		2012-2013
Service Public Community	Selected Community Boards and Service [Continued]		
	Evaluation Committee, City of Miami Beach City Center Development		2012
	Miami-Dade County Cultural Arts Council Arts Organization Grants Panelist		2000-2016
	City of Miami Beach Historic Preservation Board		1999-2001
	The Arango Design Foundation/Design + Architecture Days:		2000-2001
	Chair/Curator Intercollegiate Student Design Charrettes, Exhibitions, Symposia		
	<i>Architecture in the Public Realm + Rethinking MiMo (Miami Modern)</i>		
	City of Miami Urban Development Review Board		1999-2000
Teaching Areas Activities Mentorship	Teaching Areas		
	Architectural Design; Resilient Urbanism; Sustainable Design; Building Systems Integration History Theory: <i>Modernism + Tourism: La Habana Miami</i> ; Research Methods in Architecture		
	Resilience Sustainable Design: Co-Founder, Interdisciplinary Certificate Program for Sustainable Construction w/ College of Engineering (Departments of Architecture, Landscape Architecture, Interior Design, Mechanical Engineering, Environmental Engineering, Construction Management)		
	Collaborative Teaching + Interdisciplinary Research Studios		
	FIU MMC + BBC Open Space Design Charrettes		2010, 2011
	Landscape Architecture Architecture DM Courtyard Re-design		

	Miami 2100: Envisioning a Second Century Research Studios Student Awards	2011-2016
	Architecture Landscape Architecture CAS SEAS SERC GIS Lab SIPA	
	Uncharted Territories: Archinect Feature	2016
	Student Fellowship, Singularity University	2015
	Cut Fill City: Emerging Professionals Exhibition, Washington DC	2014
	Miami Beach 2100: Sea Level Rise Planning for Resilience Conference Exhibition	2013
	Association of Climate Change Officers Conference Exhibition	2013
	American Institute of Architects Design Excellence Student Awards	2012, 2013
	Florida Foundation for Architecture Student Award	2013
	Provost's Award for Outstanding Creative Product	2013
	Invited Presentation: UNC Critical MASS	2013
	Faculty Director, SOA Summer Study Abroad Programs	
	London Amsterdam Berlin	2015
	London Berlin	2014
	The Netherlands: Amsterdam Rotterdam Delft Utrecht	2013
	Faculty Director, Architecture FIU	
	US Department of Energy China Energy Administration: 2013 Solar Decathlon China	2012-2013
	Tsinghua University, Beijing + Florida International University: 'O-House'	
	1 st Place Energy Balance + Comfort Zone' 3 rd Place Engineering 5 th Place Overall	
	Principal investigator Lead Faculty Advisor	
	US Department of Energy National Renewable Energy Lab: 2011 Solar Decathlon	2009-2011
	Florida International University: 'PerFORM[D]ance House'	
	Architecture Landscape Architecture Interior Architecture Mechanical Engineering Electrical Engineering Computer Science Construction Management Journalism	
	1 st Place Energy Balance. 8 th Place Architecture 11 th Place Overall	
	FIU Solar Decathlon Student Team Exhibitions, Presentations, Awards [Selected]:	
	Presentation: Miami-Dade County Public Schools "Sustainable Design Education"	2011
	Presentations: Miami-Dade County Public Schools Engineering Expo	2011
	Exhibition: Coral Gables Museum, Frost Art Museum	2011
	FIU Solar Decathlon Student Team Exhibitions, Presentations, Awards [continued]:	
	Paper Selected for Presentation: NHAB International Builders Show	2011
	Exhibition: NHAB International Builders Show	2011
	Exhibition: National Education Association, Chicago	2011
	Exhibition: National Building Museum, Washington DC	2010
	Exhibition Presentation: Future of Florida High Tech Expo, Florida Chamber	2010
	Exhibition: National Renewable Energy Laboratory (NREL)	2010
	Finalist, Sustainable South Florida Award, Miami Chamber of Commerce	2010
	Award: Excellence in Student Design, AIA Miami	2010
	Exhibition: 2010 AIA Miami Design Awards	2010
	Doctoral Dissertation Committee, External Member	
	C. Moebius "Little Havana"	2016-2019
	Z. Garzon, "Housing Partnerships"	2008-2011
Professional Registration Licensures	Registered Architect, State of Florida: AR #11173	
	Registered Interior Designer, State of Florida: ID #3942 [inactive]	
	National Council of Architectural Registration Boards Record Certificate (NCARB)	
Professional Organizations Affiliations + Positions	Publications Editorial Positions Elected, Appointed, Held	
	<i>Architectural Record Magazine</i> Editorial Advisory Board	2009-2011
	<i>Sustainable Design and Construction</i> , Genoa Univ. Press Scientific Committee	2017-
	<i>Inspicio: A Digital Journal of Art Criticism</i> Editorial Board	2015-
	Executive Editor	2015-2016
	International Union of Architects UIA Region III	
	Co-Director [with M. Mostafa, Cairo, Egypt], UIA Education Commission	2017- 2020
	Co-Reporter [with M. Mostafa, Cairo, Egypt], UNESCO-UIA Validation Council	
	Association of Collegiate Schools of Architecture ACSA	
	National President 2015-16 [See Leadership Positions]	2014-2017
	AIA ACSA Intersections: <i>Building Systems Innovations</i> , [Goldstein, Ng], Philadelphia, PA	
	International: <i>Cross-Americas</i> : [Andia, Bonomo, Cortes, Cupkova, Parlac], Santiago, CH	
	Fall Conference: <i>Design and Health</i> , [Carr, Faircloth, Frumkin], Honolulu, Hawaii	
	New Peer-Reviewed Journal: <i>TAD: Technology Architecture Design</i>	
	New Research Infrastructure Index of Scholarship	
	New Strategic Plan New Board Governance Structure	
	Development + Launch: StudyArchitecture.com	
	ACSA Representative: Accreditation Task Force + Education Coordinating Council	
	Chair, ACSA International Task Force	
	Board Leadership Committee	2017-2018
	Co-Chair, ACSA 92 nd Annual Meeting: <i>Archipelagos: Outposts of the Americas</i>	2004
	Representative to NAAB Accreditation Review Conference EAM Task Force	2008

Chair, Social Responsibility Task Force: NAAB Accreditation Review Conference	2007
Faculty Councilor, School of Architecture	2003-2008
Chair, Nominating Committee, ACSA 2005 SE Regional Director	2005
Member, ACSA/ AIA Topaz Medallion Jury	2005
National Architectural Accrediting Board NAAB	
National President 2020-21 [See Leadership Positions]	2018-2022
Accreditation Team Chair and Member [16 Visits. See 'Academic Service']	2003-
NAAB Procedures Update Panel	2014
Co-Chair, 2008 ARC Task Force: Emerging Accreditation Models	2008
American Institute of Architects AIA	
National Chapter AIA College of Fellows: Inducted 2005	
Member, National Resilience Network	2015-2016
National Knowledge Leadership Assembly/Advisory Group, SPP	2007-2011
Director Advisor, National Small Projects Awards Program	2010
Chair, Small Projects Practice Advisory Group	2010
Vice-Chair, Chair-Elect Small Projects Practice Advisory Group	2009
AIA National 2030 Steering Committee	2009-2010
AIA National Small Firms Task Force	2009-2010
AIA 2009 National Convention Education Advisory Committee	2009
AIA 2009 National Strategic Advance	2009
Florida Caribbean Chapter AIA	
Strategic Council Board Focus: Urban Resilience	2017- 2019
Miami Chapter AIA	
AIA Sea Level Rise Task Force Founding Member	2015-
AIA 150 Design Charrette Team Leader: Everglades Greenway	2007
AIA Board of Directors, Miami Chapter	1987, 2000
AIA Women in Architecture Miami Chapter	Ongoing
National Council of Architecture Registration Board NCARB	
Integrated Path to Architectural Licensure [IPAL] Program:	
Led development of FIU Internship Program with Professional Office Partners	2016-
AXP: Architectural Experience Program	
Licensing Advisor Educator Coordinator, Florida International University	2015-
Tau Sigma Delta Honor Society for Architecture and Allied Arts TSD	
Board of Directors, Member	2019-
Gulf States Regional Representative, National Board of Directors	2013-2015
TSD Faculty Advisor, School of Architecture FIU	2012-
MIT Architecture National Alumni Association [MITArchA] Cambridge, MA	
Board of Directors Regional Representative	2014-
DOCOMOMO Florida.	
Board of Directors	2006-2008
Bienal Miami + Beach International Interdisciplinary Design Exposition, Competitions + Symposia	
Board of Directors	2007-2009

CURRICULUM VITAE

CAMILO ROSALES, AIA

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<http://www.camilorosales.com>

EDUCATION

Harvard University Graduate School of Design Master of Architecture II in Building Design	1985
The University of Texas at Austin Master of Architecture, Bachelor of Architecture with Honors Senior College Scholar	1976 1975 1974

REGISTRATIONS

Registered Architect in the State of New York	1988
Registered Architect in the State of Florida	1991

ACADEMIC EXPERIENCE

Florida International University (FIU)	Architecture	Miami, Fl.
Full Professor		2017-
Director, FIU/Energy and Climate Partnership of the Americas project		2013-2016
Coordinator, SOA Low Cost Housing in South Miami		2011-2012
Appointed Global Learning Faculty		2011-
Faculty Advisor, FIU Solar Decathlon Team		2009-2011
Coordinator, Graduate Sustainability Studios		2009-2012
Coordinator, Graduate Comprehensive Design Studios		2008- 2012
Fellow, Honors College		2007-
Appointed to the Graduate Faculty		2004-
Coordinator, Graduate Program of Architecture		2002-2003
Director of Architecture		1998-2001
Associate Professor (Tenured)		1999-
Coordinator, DASH-FIU Dual Enrollment Program		1994-1996
Architecture Program Coordinator, FIU School of Design		1992-1994
Assistant Professor of Architecture		1992-1998
Universidad Central de Venezuela (UCV)	Architecture	Caracas, Venezuela
Visiting Scholar and Critic		09/1998
Program Reviewer		02/1999
Universidad del Diseño (UNIDIS)	Architecture	San Jose, C. Rica
Visiting Critic		07/2000
Universidad Francisco Marroquin	Architecture	Guatemala City
Guest Lecturer and Critic		11/2012

Universidad Austral de Chile (UACH)	Architecture	Valdivia, Chile
Research partnership with three faculty members		2013-2016
Guest Lecturer		12/2013 & 12/2014
Coordinator of educational programs on sustainability for municipal employees and the general public		2014-2016
Universidade Federal de Goias (UFG)	Architecture	Goiania, Brazil
Research partnership with four faculty members		2013-2016
Guest Lecturer		03/2014
Coordinator of educational programs on sustainability for municipal employees and the general public		2014-2016
University of the West Indies (UWI)	Engineering	Port of Spain, T.&T.
Research partnership with two faculty members		2013-2016
Guest Lecturer		02/2014
Coordinator of educational programs on sustainability for municipal employees and the general public		2014-2016

PROFESSIONAL EXPERIENCE

Camilo Rosales Architecture Principal, Architecture Miami, Fl. 1991-

Recent projects: Batley House in Coconut Grove, Florida; Bahia Vista Ec lodge, and Baez house in the Pacific coast of Central America. For a more complete list, please see Creative Professional Work.

I.M. Pei and Partners Senior Designer N.Y., 1988-1991

Participated in the design of the U.S. Holocaust Memorial Museum, Washington, D.C., built 1993; the Barcelona Trade Center and Marine Passenger Terminal, Port of Barcelona, Spain, built 1995-2002, and IBM/First Bank's 50-story tower, downtown Minneapolis, built, 1992.

Skidmore Owings & Merrill (SOM) Intermediate Designer N.Y., 1987-1988

Participated in the design of the winning entry for the Madison Square Garden Site Redevelopment Competition, 1987. This project was developed as a joint venture between SOM and Frank O. Gehry and Associates. Also participated in the expansion of Eero Saarinen's Dulles Airport in Washington DC, built 1994-1998, and the design development of the Time Warner Center at Columbus Circle New York, built, 2004.

Hellmuth, Obata & Kassabaum (HOK) Intermediate Designer N.Y., 1985-1987

Participated in the design of the New Philadelphia Courthouse, City Hall Square, Philadelphia, a 72-courtroom institution with related facilities for judges and staff of 2,000.

Arquitectonica (ARQ) Designer Miami, Fl., 1983

Participated in the design development of: Banco de Credito del Peru, Lima, Peru, built, 1987, and Milford and Taggart Townhouse Complexes, Houston, Texas, built 1987.

Arquitectos Ingenieros S.A. (AISA)

Design Consultant

Managua
Miami 1976-1982
Guatemala

Major projects: Master Plan Design and Rezoning of a 90 acre track in West Dade, Florida, completed 1980-1986. Design coordination for the Plaza España complex in Nicaragua with the San Francisco office of Wurster, Bernardi, and Emmons (WBE), and the Fort Lauderdale Office of Edward Durell Stone Jr. and Associates (EDSA). A 2,000,000 s.f. mixed-use development consisting of hotel, office, retail, residential and religious elements, partially built, 1976-1979.

RECOGNITION

Director and Principal Investigator, FIU/Energy and Climate Partnership of the Americas (ECPA) project

Program designed to provide and implement guidelines for lowering energy consumption in over 400 municipal buildings in three South American countries
With, Angelique Lawrence (Program Manager), Jason Biondi (Senior LEED Consultant), and Thomas Spiegelhalter (Senior Environmental Expert), 2013-2016

Cejas Fellowship Award

To support development of book entitled: *Spatial Transparency – Light, Layering, and Porosity in Architecture*
September 2016

FIU Top Scholar Award

Bestowed by Florida International University President Mark Rosemberg
March 2014

Education Leadership Award

The American Institute of Architects (AIA), Miami Chapter
November 2010

Session Chair

96th Association of Collegiate Schools of Architecture National Conference in Houston, Texas
Session topic: "City and Nature." Conference theme: "Seeking the City, Visionaries on the Margins"
March 2008

Fellow

Florida International University Honors College
September 2007 -

Outstanding Scholarly Contribution Award

By the International Institute for Advanced Studies in System Research
For participation on the 14th and 16th Sustainable Development Symposia in Germany
Presentations were based on personal, built, architectural projects, August 2005

Built Project Award

The American Institute of Architects, Miami Chapter
"Hammock House," was selected from a pool of 70 entries
This project won a higher recognition than the FIU School of Architecture building designed by Bernard Tschumi, which was part of the same group of competitors. October 2000

Fellow

The International Institute for Advanced Studies in System Research
August 2002-

Advisor

Precast Prestressed Concrete Institute (PCI)
1999-2002.

Director of Architecture

Florida International University School of Architecture
1998-2001

Outside Program Reviewer

School of Architecture, Universidad Central de Venezuela
February 1999

Best Practice Award

Instructional Television, Florida International University
Spring and Fall 1997

Certificate of Special Recognition

Design and Architecture Senior High (DASH)
For efforts leading to winning the National Blue Ribbon School of Excellence Award (U.S. Department of Education), November 1996

Recognition, Miami Magnet Schools

For supporting and contributing to the enhancement of educational opportunities available to Dade County Public Schools Students, 1995

Special Guest for the Ecological Central American Summit for Sustainable Development

Organized by Vice President Al Gore, Managua, Nicaragua
October 1994

Honor Student Design Award

The American Institute of Architects (AIA) Austin Tx. Chapter
For final undergraduate design project
The University of Texas at Austin, 1975

PUBLICATIONS

Refereed Publications

Articles

Rosales, Camilo

"Demountable Constructions," in *The International Journal of the Constructed Environment*, Volume 3, 2013, pp. 97-109.

Rosales, Camilo

"Managing Ecotourism in Central America," in *The International Journal of Knowledge, Culture and Change Management*, Issue 5, 2012, pp. 138-146.

Rosales, Camilo

"Movable Sustainability," in *The Journal of Environmental, Cultural, Economic and Social Sustainability*, Issue 4, 2011, pp. 33-39.

Rosales, Camilo

"Planning and Architecture," in Thomas Infeld (ed.), *Guidelines for Ecotourism*, a small edition by the FAU/FIU Joint Center for Environmental and Urban Problems, 1997, pp. 65-75.

Book Chapters

Rosales, Camilo and Mohammed Shanti

"Unique Design and Construction Challenges for a Solar Decathlon Project," in Nicholas Patricios and Stavros Alifragkis (eds.): *Construction: Essays in Architectural History, Theory and Technology*, ISBN 9789609549615. The Athens Institute for Education and Research (ATINER), Athens, Greece, 2012, pp. 243-258. With Mohamed Shanti's Trans-Tropic Solar House.

Rosales, Camilo

"Sustainable Light in Architecture" in George E. Lasker and Kensei Hiwaki (eds.), *Sustainable Development and Global Community*, Volume VI, ISBN 1894613686, 2005, pp.51-55.

Rosales, Camilo

"Porous Architecture and Sustainability," in George Lasker and Kensei Hiwaki (eds.), *Sustainable Development and Global Community*, Volume V, ISBN 1894613635, 2004, pp. 41-46.

General Proceedings

Rosales, Camilo, Marlison Noronha Rosa, Karla Emmanuela Ribeiro Hora, Katia Kopp

"Environmental Education and Energy Efficiency as Strategies for Reducing Energy Consumption in Public Schools Buildings in Goiania, Brazil"

Second International Conference on Alive Engineering Education ICAEEdu, Volume 6, 2019.

Spiegelhalter, Thomas and Camilo Rosales

"Cross-American Experiences in an Ambitious Energy Reduction and Policy Implementation Project." Proceedings of the Association of Collegiate Schools of Architecture International Conference: *Cross Americas, Probing Disglobal Networks*. Santiago de Chile, June - July, 2016.

Rosales, Camilo
“Contentious Modernism in Mexico.” Proceedings of the Xi’an Jiantong + UK Liverpool Universities International Conference: *MasterPlanning the Future*. Suzhou, China, October 2012.

Rosales, Camilo
“Primitive Art and the Dissolution of Purism.” Proceedings of the Xi’an Jiantong + UK Liverpool Universities International Conference: *MasterPlanning the Future*. Suzhou, China, October 2012.

Rosales, Camilo and Mohammed Shanti
“Movable Sustainability.” Proceedings of the 7th International Conference on Environmental, Cultural, Economic and Social Sustainability. University of Waikato, Hamilton, New Zealand, January 2011.

Rosales, Camilo
“Doing Something About Climate Change – Ecotourism and Green Architecture in Central America.” Proceedings of the *The Oxford Round Table on Climate Change*. Harris Manchester College, Oxford, England, March-April 2011.

Rosales, Camilo
“Managing Sustainability.” Proceedings of the *Management Conference*. Universidad San Pablo Ceu, Madrid, Spain, June 2011.

Rosales, Camilo
“Primitive Art, Picasso and Le Corbusier.” Proceedings of the Association of Collegiate Schools of Architecture Southeast Conference: *Architecture is a Thing of Art*. Savannah College of Art and Design (SCAD), October 2009.

Rosales, Camilo
“Luis Barragan and Mathias Goeritz, Artist and Architect Collaborations, Reversals and Competition.” Proceedings of the Association of Collegiate Schools of Architecture Southeast Conference: *Architecture is a Thing of Art*. Savannah College of Art and Design (SCAD), October 2009.

Chandler Jason, Camilo Rosales, and Roberto Rovira
“Transit Oriented College Town: Planning a New College Town for both City and University.” Proceedings of the Association of Collegiate Schools of Architecture Central Fall Conference: *City/Campus*. University of Waterloo, Ontario, Canada, October 2007.

Rosales, Camilo
“Integration and Abstraction in the Modern Movement.” Proceedings of the Association of Collegiate Schools of Architecture Northeast Regional Conference: *Why Modernism Refuses to Die*. McGill University, Montreal, Canada, January 2002.

Rosales, Camilo
“Environmental Transparency.” Proceedings of 14th International Conference in Systems Research. Baden -Baden, Germany, June 2002.

Rosales, Camilo
“Mathematical Skins: The Meyerson Symphony Hall.” Proceedings of the Association of Collegiate Schools of Architecture: *Technology Conference*. Austin, Texas, July 2001.

Rosales, Camilo
“The American Yard as Space Mediator and Connector.” Proceedings of the IIAS/UNESCO International Conference. Baden-Baden, Germany, August 2000.

Rosales, Camilo
“Environmental Memory in the Rain Forest.” Proceedings of the IIAS/UNESCO International Conference. Baden-Baden, Germany, August 1999.

Rosales, Camilo
“Eco-Tourism Architecture and Peace.” Proceedings of the IIAS/UNESCO International Conference. Baden Baden, Germany, August 1998.

Rosales, Camilo
“The Landscape and the Car.” Proceedings of the Council of Educators in Landscape Architecture (CELA) National Conference. Asheville, North Carolina, September 1997.

Rosales, Camilo
“Re-Urbanization of Florida, a Balance of Powers.” Proceedings of the Association of Collegiate Schools of Architecture International Conference: *Building as Political Act*. Berlin, Germany, June 1997.

Rosales, Camilo
“House/Studio in South Miami.” Proceedings of the Association of Collegiate Schools of Architecture National Conference: *Architecture: Material and Imagined*. Dallas, Texas, March 1997. Session Chair: Michael Rotondi.

Rosales, Camilo
“Non-Euclidean Geometry and the Future of Architecture.” Proceedings of the Association of Collegiate Schools of Architecture Western Regional Conference: *Into the Millennium*. Los Angeles, California, January 1997.

Rosales, Camilo and Reinaldo Borges
“The Homestead Air Force Base Study.” Proceedings of the *The New South Dade Planning Charrette: From Adversity to Opportunity*, 1993. Drawings by Camilo Rosales, Claudia Busch, and René Gonzalez.

Proceedings Involving Personal Design or Built Works (Research Through Making)

“Playa Honda” and “Rain Tree” houses; published as part of “Sustainable Light in Architecture” in *Sustainable Development and Global Community, Volume VI*, August 2005, p.45.

“Hammock House,” published as part of “in *Sustainable Development and Global Community, Volume V*, 2004, p.54.

“House/Studio in South Miami,” published in the proceedings of the American Collegiate Schools of Architecture National Conference. Dallas, Texas, 1997, p.69.

Non-Refereed Publications

Articles and Coverage of Personal Design or Built Works (Research Through Making)

“La Arquitectura Tropical Desde Miami a Centroamerica,” in *Summa+* No.115, Buenos Aires, Argentina, June 2011, pp. 112-113. Publication of “Rain Tree,” “Playa Honda” and “Hammock” houses.

"Natural Sympathies, a Dramatic Dwelling Adapts to its Coastal Setting," by Jeff Turrentine, in *Architectural Digest*, August 2009, pp.78-82.
Architecture by Camilo Rosales, AIA, and Albert Knoepffler. Interior Design by Mercedes Stadthagen.

"Sede Nacional del Banco Uno," in "Grandes Obras del 2006," published in the bi-annual journal of *Camara Costarricense de la Construccion*, June 2006, p.7.

"Sede HSBC," Honkong and Shanghai Banking Corporation Headquarters in Managua, Nicaragua, published in *La Prensa*, Negocios y Economia, Nicaragua, December 2004.

"Hammock House," published in *The American Institute of Architects, Miami Chapter Newsletter*, October 2003.

"Hammock House," published in *The Miami Herald*, Home and Design Section, October 2003.

"The Office-Home of the Architect," published in *Abitare* International magazine No. 395, May 2000, p. 98.

"House/Studio in South Miami," drawings published in *ACSA NEWS* volume 26, March 1997.

Mauricio Bayona, "Los Espacios Iluminados de Camilo Rosales"
El Nuevo Herald, November 1997.

Papers / Presentations at Meetings / Conferences (other than proceedings)

"Transparenza Spaziale e Interazione Sociale"
Spazio e Società forum
Fondazione Ordine Architetti PPC de Genova, Genoa, Italy, Nov. 2019

"Environmental Education and Energy Efficiency as Strategies for Reducing Energy Consumption in Public Schools Buildings in Goiania, Brazil"
Second International Conference on Alive Engineering Education ICAEEdu,
Puerto Iguazu, Argentina, Oct. 2018

"Energy and Climate Partnership of the Americas/Trinidad"
Port of Spain, Trinidad and Tobago, January 2016
School of Engineering, The University of the West Indies (UWI)

"The Role of Society on Energy Savings in Public Buildings"
Goiania, Brazil, October 2015
Faculdade de Artes Visuais - Arquitetura e Urbanismo, Universidade Federal de Goiás (UFG)

"Baseline Assessment"
Goiania, Brazil, March 2014
Conselho de Arquitetura e Urbanismo de Goiás (CAU / GO)

"Eficiencia Energética"
Valdivia, Chile, September 2015
Facultad de Arquitectura y Artes, Universidad Austral de Chile (UACH)

"Unique Design and Construction Challenges for a Solar Decathlon Project"
Athens, Greece, 2011

The Athens Institute for Education and Research (ATINER); presentation of Trans-Tropic Solar House designed by Mohammed Shanti

“Managing Sustainability”
Madrid, Spain, June 2011
Universidad San Pablo Ceu

“Transparencia Espacial”
Guatemala City, Guatemala, November 2012
Universidad Francisco Marroquin (presentation of personal design works)

“FIU 2011 Solar Decathlon House”
Miami Beach, Florida, November 2010
The Wolfsonian-FIU, with Marilys Nepomechie (Principal Investigator)
and the 2011 FIU Solar Decathlon Team

“Spatial Layering – A Particular Design Approach Through Five Built [personal] Works”
Miami, Florida, 2010
FIU School of Architecture Lecture Series

“City and Nature: Panel Discussion”
Houston, Texas, March 2008
American Collegiate Schools of Architecture National Conference

“China and Japan”
Miami, Florida, February 2008
Florida International University Honors College Lecture Series

“American Cities, Contrasting Views: Smithsons, Koolhaas, and Allen”
Miami, Florida, March 2008
FIU Student Research and Artistic Initiatives (SRAI)

“Sweetwater Transit Corridor and College Town Study”
Sweetwater, Florida, November 2006
Jorge Mas Canosa Youth Center, with Jason Chandler, Roberto Rovira and Dario Moreno, Panelist

“Architecture as a Stage for Personal and Spiritual Development”
Baden-Baden, Germany, August 2006
Seventh International Conference on the Environment

“Visions of FIU Masterplan”
Miami, Florida, May 2006
FIU Metropolitan Center and FIU Facilities Management, with Rosa Davies and David Griffith

“Tropical Works”
San Jose, Costa Rica, 2005
Universidad del Diseño (presentation of personal design works)

“Campus Planning and FIU Masterplan”
Miami, Florida, January 2004
FIU Faculty Senate

“Recent Work”
Miami, Florida, April 2003

FIU School of Architecture Lecture Series

“FIU Masterplan”

Miami, Florida, January 2003

FIU Faculty Senate

“Architecture as Advertisement”

Nashville, Tennessee, March 2002

Precast and Prestressed Concrete Institute (PCI), National Convention

“Faculty Address”

Miami, Florida, March 2001

Spring Commencement, Florida International University

“Current [personal] Work”,

Caracas, Venezuela, February 1999

XVI Bienal, Universidad Central de Venezuela.

“Expansion Suburbana de Managua. Panel Discussion”

Managua, Nicaragua, July 1998

Televiscentro de Nicaragua, Canal 2

“Geometry and Architecture”

Miami, Florida, February 1996

Design and Architecture Senior High (DASH) Lecture Series

“Urban Design in South Florida, The Magic Place Symposium”

Miami, Florida, March 1995

Wertheim Conservatory, Florida International University, Panelist

“Guidelines for Ecotourism”

Managua, Nicaragua, October 1994

Ministry of Tourism

“Guidelines for Ecotourism”

Managua, Nicaragua, October 1994

Ministry of Natural Resources

“Architecture, Current Issues and Future Prospects”

Miami, Florida, March 1995

Student Convocation, Design and Architecture Senior High (DASH)

“The South Beach Charrette. Panel Discussion”

Miami, Florida, October 1994

Florida International University School of Design, Panelist

“Vision of South Pointe Symposium”

Miami Beach, March 1994

Bass Museum, Panelist

“Cutler Ridge Town Center and Homestead Revitalization: Status, Opportunity and Countrywide Linkages”

Miami, Florida, March 1993

We Will Rebuild Consortium

"Latin America Architecture Today"
Lehigh, Pennsylvania, October 1989
Lehigh University Art Gallery Lecture Series

Creative Work

Creative Academic Works (Four Solar Houses)

PerFORM[D]ance FIU 2011 Solar Decathlon House

Most of the credit for this project belongs to Marilys Nepomechie (Principal Investigator); the students of the FIU Solar Decathlon Team, and support from Florida International University.

I participated as a *Faculty Advisor* in the Design Development stage of the project. I helped in the selection of the structural, cladding, and mechanical systems as well as with initial notions of assembly and disassembly. I also taught five courses designed to coach students during this effort: Sustainability Studio, Spring 2010; Independent Studies, Summer 2010; Solar Decathlon Seminar, Summer 2010 and Fall 2010, and Design Ecology, in Spring 2011. Several publications emerged from this project; I have listed only those where I had direct participation.

Trans-Tropic 2011 FIU Solar Decathlon House

An independent jury of community and industry experts selected the design that was completed by the 2011 FIU Solar Decathlon Team. The Trans-Tropic Solar House by graduate student Mohammed Shanti won second place. I felt this design had great merit and invited Mohammed to co-write a paper with me. The paper was published in a book edited by Nicholas Patricios and Stavros Alifragkis for Atiner Publications (Greece), and presented at the University of Waikato in New Zealand.

Casa Valija Solar (Solar Suitcase House), 2015

Casa Valija Solar was designed in conjunction with faculty members (Carolina Sepúlveda, Manuel Puicol and Alex Becker) and students from the Instituto de Arquitectura y Urbanismo of the Universidad Austral de Chile (UACH) in Valdivia. FIU's focus on low cost solutions, energy baseline assessments and energy audit methods greatly helped the final design of this project. Casa Valija Solar has been part of ECPA training seminars and continued coursework at UACH. With the Laboratorio de Estudios de Sustentabilidad y Tecnología (LES + T), Universidad Austral de Chile and the FIU/ECPA team

Primera Casa Piloto Autosustentada (First Self-sustaining Pilot House), 2014-15

Casa Piloto Autosustentada was designed in conjunction with faculty members (Carolina Sepúlveda, Manuel Puicol and Alex Becker) and students from the Instituto de Arquitectura y Urbanismo of the Universidad Austral de Chile (UACH) in Valdivia. Our focus on low cost solutions, energy baseline assessments, energy audit methods greatly helped the final design of this project. Primera Casa Piloto Autosustentada has been part of ECPA training seminars and continued coursework at UACH. With the Laboratorio de Estudios de Sustentabilidad y Tecnología (LES + T), Universidad Austral de Chile and the FIU/ECPA team

Creative Professional Works

Batley Residence

Coconut Grove, Florida
Camilo Rosales, AIA
Design 2015-2016 – Completed 2019

Bahia Vista Ecolodge

San Juan del Sur, Nicaragua
Camilo Rosales, AIA
Design 2010-2013

Bluemarine Boutique (renamed Azzurro)

Village of Merrick Park, Coral Gables, Florida
Camilo Rosales, AIA (architecture), and Arch. Elena Busato Interior Design,
Milan, Italy
Design 2007-2008 – Completed 2008

Water Garden and Fern Grotto at The Kampong of the National Tropical Botanical Garden

Coconut Grove, Florida
Camilo Rosales, AIA
Design 2007-2008 – Partially completed 2008

Playa Honda Beach House

Guanacaste, Costa Rica
Camilo Rosales, AIA and Albert Knoepffler. With Mercedes Stadthagen (interiors)
Design 2005-2006 – Completed 2008

Rain Tree House

Managua, Nicaragua
Camilo Rosales, AIA (architecture) and Mercedes Stadthagen (interiors)
Design 2003-2004 – Completed 2006

Banco Uno Headquarters

San Jose, Costa Rica
Camilo Rosales, AIA, with Consultécnica, San Jose, Costa Rica
Design 2002-2003 – Completed 2005

Honkong Shanghai Banking Corporation (HSBC), Managua Branch

Managua, Nicaragua
Camilo Rosales, AIA
Design 1997-2000 – Completed 2002

Hammock House

South Miami, Florida
Camilo Rosales, AIA and Mercedes Stadthagen
Design 1996-1997 – Completed 2000

Publication of Creative Professional Work with Others

Adrian Dannat, "United States Holocaust Memorial Museum"
In, *Twentieth-Century Museums II*, Phaidon Press Limited, London, 1999
Personal drawings of the National Holocaust Memorial Museum for I.M. Pei and Partners

Adrian Dannat, *Architecture in Detail – United States Holocaust Memorial Museum* Phaidon Press Ltd., London, 1995
Personal drawings of the National Holocaust Memorial Museum for I.M. Pei and Partners

Stephen Kliment, FAIA (ed.) "Permanent Witness"
Architectural Record, July 1993.
Personal drawings of the National Holocaust Memorial Museum for I. M. Pei and Partners.

Mildred Schmertz, "In Remembrance"
Architecture magazine, July 1993
Personal drawings of the National Holocaust Memorial Museum for I. M. Pei and Partners

Yukio Futagawa (ed.), *Frank O. Gehry*
GA Architect 10, 1993
Personal drawings of the "Penn Station/Madison Square Garden Redevelopment Competition," for Skidmore, Owens, & Merrill (SOM), New York office in joint venture with Frank O. Gehry and Associates

Beth Dunlop, *Arquitectonica*
AIA Press, 1992
Personal drawings of "Banco de Credito," in Lima, Peru, for Arquitectonica

"Worldwide Plaza Tower," New York
Architecture magazine, April 1990
Personal drawings for Skidmore Owings & Merrill (SOM), New York office

"Worldwide Plaza Tower," New York
A+U Japan, April 1990
Personal drawings for Skidmore Owings & Merrill (SOM), New York office

Wendy Evans, "The United States Holocaust Memorial Museum"
Assemblage 9, 1989
Personal drawings for James Ingo Freed of I.M. Pei and Partners

"Taggart Park" and "Millford Apartments"
L'Architecture d'Aujourd'hui 244, April 1986
Personal drawings for Arquitectonica

Jan Van der Mack, *Arquitectonica, Yesterday, Today, Tomorrow* (Exhibition Catalog)
Miami, Florida: Center for the Fine Arts, 1984
Personal drawings of "Banco de Credito," Lima, Peru for Arquitectonica

"Banco de Credito," in Lima, Peru, "Capital Park West," in Houston, Texas, and "G Street Mole," in San Diego, California
GA Document No. 7, August 1983
Personal drawings for Arquitectonica

Research Grants

Amount/ Agency **\$791,531.16; U.S. Department of State, Bureau of Western Hemisphere Affairs**

Project/Purpose “Energy and Climate Partnership of the Americas (ECPA).” Funding to generate guidelines and implement energy reduction strategies for 400+ municipal buildings
Role/Dates *Project Director and Principal Investigator.* With Angelique Lawrence, Jason Biondi and Thomas Spiegelhalter (co-Investigators), 2013-2016

Amount/ Agency **\$15,000.00; Sponsored Studio by Schnebly Winery**

Project/Purpose “Schnebly Winery Masterplan.” Funding to study a sustainable expansion for the existing Schnebly Winery located in The Redlands District of South Florida
Role/Dates *Sole Investigator.* Fall 2014

Amount/Agency **\$100,000.00; U.S. Department of Energy**

Project/Purpose “FIU 2011 Solar Decathlon House.” Design and build a net-zero energy home in Miami, exhibit it in Washington D.C. and permanently relocate it at FIU’s main campus
Role/Dates *Faculty Advisor and co-Investigator.* With Marilys Nepomechie (Principal Investigator), and the FIU Solar Decathlon Team, 2010-2011

Amount/Agency **\$40,000.00; Sponsored Research Grant from Florida International University’s Metropolitan Center**

Project/Purpose “Sweetwater Transit Corridor College Town District.” Funding to study FIU’s expansion into the City of Sweetwater
Role/Dates *Co-Principal Investigator.* With Jason Chandler and Roberto Rovira (co-Principal Investigators) 2006

Amount/Agency **\$4,000.00; Sponsored Research Grant from Florida International University’s Metropolitan Center**

Project/Purpose “Visions of FIU Masterplan.” Funding to study alternative locations for new buildings at Florida International University’s main campus
Role/Dates *Co-Investigator.* With Nathaniel Belcher (Principal Investigator), 2006

Amount/Agency **\$50,000.00; The Rouse Corporation**

Project/Purpose “Kendall Town Center.” Funding to study the possible impacts of a planned commercial development on neighboring Kendall, Florida communities
Role/Dates *Co-Investigator.* With Nicolas Quintana (co-Principal Investigator), Juan A. Bueno (co-Principal Investigator), Theodore Baker, and Mario Valbuena (co-Investigators), 1998-1999

Amount/Agency **\$120,000.00; Dade County Public Schools and Florida International University**

Project/Purpose “Miami Magnet Schools.” Funding to create and coordinate a dual enrollment program between Design and Architecture Senior High School (DASH) and FIU/SOA
Role/Dates *Project Coordinator and co-Principal Investigator.* With Gustavo Roig and Iraj Majzub (co-Principal Investigators), 1996

Amount/Agency **\$66,000.00; Dade County Public Schools and Florida International University**

Project/Purpose “Miami Magnet Schools.” Funding to create and coordinate a dual enrollment program between Design and Architecture Senior High School (DASH) and FIU/SOA
Role/Dates *Project Coordinator and co- Principal Investigator.* With Gustavo Roig and Iraj Majzub (co-Principal Investigators), 1995

Amount/Agency **\$7,500.00; St. George’s University, Grenada, West Indies**

Project/Purpose “New Library for the School of Medicine.” Funding to research and propose a state of the art new library for the School of Medicine of St. George’s University
Role/Dates *Co-Investigator.* With René Gonzalez (Principal Investigator), 1995

Amount/Agency **\$29,000.00; Dade County Public Schools and Florida International University**

Project/Purpose “Miami Magnet Schools.” Funding to create and coordinate a dual enrollment program between Design and Architecture Senior High School (DASH) and FIU/SOA
Role/Dates *Project coordinator and co-Principal Investigator.* With Gustavo Roig and Iraj Majzub (co-Principal Investigators), 1994

Amount/Agency **\$24,000.00; FIU Foundation**

Project/Purpose “Distance Learning Development.” Funding to prepare courses for televised delivery to FIU’s Biscayne Bay Campus and Design and Architecture Senior High School (DASH)
Role/Dates *Sole Investigator,* 1994, 1995, 1996

Amount/Agency **\$39,490.00; University of Florida**

Project/Purpose “American with Disabilities Act (ADA), Accessibility Guidelines Compliance Survey for Florida Atlantic University (FAU)”
Role/Dates *Co-Investigator.* With Jaime Canaves (Principal Investigator), 1993

Amount/Agency **\$12,050.00; U.S. Department of State, Division of Historical Resources, Bureau of Historic Preservation**

Project/Purpose “City of Dania Historical Survey”
Role/Dates *Co-Investigator.* With Juan A. Bueno (Principal Investigator) and Betty Hassett (co-Investigator), 1992

Proposals Submitted but not Funded

Amount/Agency **\$6,000,000.00; U.S. Agency for International Development (USAID) / Caucasus**

Project/Purpose “Enhancing Capacity for Low Emission Development Strategies.” Funding to find alternatives for reducing energy consumption in the Republic of Georgia
Role/Dates *Co-Principal Investigator.* With David Roelant from FIU’s Applied Research Center (ARC) and Ryan Stoa from FIU’s Global Water for Sustainability (co- Principal Investigators), 2012

Amount/Agency	\$70,000.00; Georgia Hospitality Group (GHG), Republic of Georgia
Project/Purpose	"Green Hotels Georgia Development Guidelines." Funding to provide sustainable development guidelines for three rural properties in the Republic of Georgia
Role/Dates	<i>Sole investigator</i> , 2012
Amount/Agency	\$11,000.00; Land Trust of Dade County
Project/Purpose	"Renovation of Cole/Marjory Stoneman Douglas Property." Renovation of renowned Florida writer Marjory Stoneman Douglas property into a museum
Role/Dates	<i>Co-Principal Investigator</i> . With René Gonzalez (co-Principal Investigator), 1995
Amount/Agency	\$15,000.00; Florida International University's Division of Sponsored Research
Project/Purpose	"FIU Ecotourism Council: Building Capacity and Cooperation to Promote External Research Contracts"
Role/Dates	<i>Co-Principal Investigator</i> . With Thomas Wilson (co-Principal Investigator), 1994
Amount/Agency	\$300,000.00; U. S. Agency for International Development (USAID)
Project/Purpose	"Training for Ecotourism." Funding to develop ecotourism training centers in Central America
Role/Dates	<i>Co-Principal Investigator</i> . With Thomas Wilson (co-Principal Investigator), 1994

Research Reports / Technical Reports

"Manual de Buenas Prácticas Técnico para Profesionales," (Best Practices Technical Manual for Professionals).

Research report produced for the Municipality of Valdivia, Chile, October 2016.

Made available to municipal employees building professionals, university students, and the general public through training seminars, printed media, printed manuals, and various websites including <http://ecpavaldivia.com>.

With Carolina Sepúlveda, Alex Becker, and Manuel Puicol from the Facultad de Arquitectura y Artes of the Universidad Austral de Chile (UACH); and with the FIU/ECPA team.

"Resultados Proyecto ECPA Valdivia," (Results of ECPA Valdivia Project).

Research report produced for the Municipality of Valdivia, Chile, October 2016.

Made available to municipal employees, building professionals, university students, and the general public through training seminars, printed media, printed manuals, and various websites including <http://ecpavaldivia.com>.

With Carolina Sepúlveda, Alex Becker, and Manuel Puicol from the Facultad de Arquitectura y Artes of the Universidad Austral de Chile (UACH); and with the FIU/ECPA team.

"Manual de Buenas Practicas en Eficiencia Energetica,"(Best Practices Manual on Energy Efficiency).

Research report produced for the school system (40 schools) of the Municipality of Valdivia, Chile, October 2016. Made available to school and university students, their families, and the general public through printed media, printed manuals, television, and various websites including <http://ecpavaldivia.com>.

With Carolina Sepúlveda, Alex Becker, and Manuel Puicol from the Facultad de Arquitectura y Artes of the Universidad Austral de Chile (UACH); and and with the FIU/ECPA team.

“Eficiencia Energética de Edificios Públicos em Goiania,” (Energy Efficiency for Public Building of Goiania).

Research report produced for the Municipality of Goiania, Brazil, September 2016.

Made available to municipal employees, building professionals, school and university students, and the general public through instructional videos, printed media, and manuals.

With Karla Emmanuela Hora, Erico Naves Rosa, Camilla Pompeo and Paulo Paulse from the department of Arquitetura e Urbanismo of the Universidade Federal de Goias (UFG); and with the FIU/ECPA team.

“Manual de Boas Practicas,” (Best Practices Manual).

Research report produced for the Municipality of Goiania, Brazil, September 2016.

Made available to municipal employees, building professionals, school and university students, and the general public through instructional videos, printed media and manuals.

With Karla Emmanuela Hora, Erico Naves Rosa, Camilla Pompeo and Paulo Paulse from the department of Arquitetura e Urbanismo of the Universidade Federal de Goias (UFG); and with the FIU/ECPA team.

“Cartilha Educativa – Eficiência Energética,” (Educational Booklet – Energy Efficiency.).

Research report produced for the school system of the Municipality of Goiania, Brazil, September 2016. Made available to school and university students, their families, and the general public through instructional videos, printed media and manuals.

With Karla Emmanuela Hora, Erico Naves Rosa, Camilla Pompeo and Paulo Paulse from the department of Arquitetura e Urbanismo of the Universidade Federal de Goias (UFG); and with the FIU/ECPA team.

“Port of Spain, Energy/Cost Benefit Analysis.”

Research report produced for the ministries of Energy and Public Utilities of Trinidad and Tobago, September 2016.

Made available to municipal employees, building professionals, university students, and the general public through training seminars, printed media and manuals.

With Andre Escalante, Kenrick, Burke and Kevin Roopan from Energy Dynamics LLC and Mark Raymond from The University of the West Indies (UWI); with the FIU/ECPA team.

“Trinidad – Baseline Report”

Research report produced for the Municipality of Goiania, Brazil, September 2016.

Made available to municipal employees, building professionals, university students, and the general public through training seminars, printed media and manuals.

With Andre Escalante, Kenrick, Burke and Kevin Roopan from Energy Dynamics LLC and Mark Raymond from The University of the West Indies (UWI); and with the FIU/ECPA team.

Rosales, Camilo

“Construction and Design,” in Philip H. Mann (ed.), *Hurricane Preparedness Status Report* for the College of Engineering and Design of Florida International University, 1993.

Works in Progress

Books

Rosales, Camilo

Spatial Transparency – Light, Layering, and Porosity in Architecture. This book has been written with support from a Cejas Fellowship Grant and a Professional Development Grant from the U.S. Department of State.

Sepúlveda, Carolina and Camilo Rosales

Eficiencia Energetica en la Edificacion Municipal (Energy efficiency in Municipal Buildings). To be published by the Universidad Austral de Chile in Valdivia.

Creative Professional Work (ongoing)

Pacific Marlins Beach House

San Juan del Sur, Nicaragua
Camilo Rosales, AIA
Design in progress

Other Research / Scholarship / Creative Works

Exhibitions

PerFORM[D]ance Solar Decathlon House, by the 2011 FIU Solar Decathlon Team
With Marilys Nepomechie (P.I.), Roberto Rovira, Shahin Vassigh and Thomas Spiegelhalter
Built and exhibited in Washington D.C., September 2011. Rebuilt at FIU's main campus, 2016-2017.

PerFORM[D]ance House, by the 2011 FIU Solar Decathlon Team
With Marilys Nepomechie (P.I.), Roberto Rovira, Shahin Vassigh and Thomas Spiegelhalter
Exhibited as a presentation of Solar Decathlon finalists at the National Building Museum, Washington DC. May-July 2010

"Playa Honda House"
Exhibited as a construction-in-progress project at the 2006 AIA Florida Convention

"Visions of FIU Masterplan"
Exhibited at the FIU Green Library, May-June 2006

"Hammock House"
Exhibited at the AIA Honor Awards Gala, Miami, October 2003

"House/Studio in South Miami"
Exhibited at the Association of Collegiate Schools of Architecture National Conference, Dallas, Texas, March 1997

"The Landscape of the Car"
Exhibited at the Council of Educators in Landscape Architecture (CELA) National Conference. Asheville, North Carolina, September 1997

"The Homestead Air Force Base Study," with Claudia Busch and René Gonzalez
Exhibited as part of "Miami, Architecture of the Tropics" in the Miami Center for the Fine Arts, December 1992 – March 1993

"Current [personal] Work" (invited exhibit)
Exhibited at the XVI Bienal de Arquitectura of the Universidad Central de Venezuela, February 1997

"Angels and Franciscans"
Personal drawings of the Madison Square Garden Competition for SOM/ Frank O. Gehry and Associates, exhibited at the Leo Castelli Gallery, New York, 1992

"The Architecture of Frank O. Gehry"

Personal drawings of the Madison Square Garden Competition for SOM/ Frank O. Gehry and Associates, exhibited at the Whitney Museum of American Art, New York, October 1992

“The United States Holocaust Memorial Museum”

Personal drawings for I. M. Pei and Partners exhibited at the Deutsches Architektur-Museum, Frankfurt am Main, Germany, 1991

“Arquitectonica, yesterday, today, tomorrow: an exhibition of drawings, models, plans, and photographs 1977-1984”

Personal drawings for Arquitectonica exhibited at the Miami Center for the Fine Arts, December 1984 - January 1985

Websites

Produced and maintained four websites for the Energy and Climate Partnership of the Americas (ECPA) project, 2013-2016:

<http://fiuecpa.com>

<http://ecpavaldivia.com>

<http://edificioseficientes.org>

<http://fiuecpa.co/trinidadecpa/>

News and Coverage

“Latest News: Energy Performance in Public Buildings”

ECPA Newsletter article describing the successes of FIU/ECPA in Valdivia, Chile With Carolina Sepúlveda, March 2017.

“Desde la Ventana”

Radio talk-show that discussed the intended scope of work of the FIU/ECPA in Chile Valdivia, Chile, 2015.

“World Environmental Week”

Radio news coverage that included the FIU/ECPA project with the Universidade Federal de Goias
Goiania, Brazil, 2015.

“Morning Brew”

Radio interview that discussed the FIU/ECPA project in Port of Spain
Trinidad and Tobago, 2015

“President Rosemberg recognizes FIU’s Top Scholars”

FIU News, June 2014

Martin Haro, “Building for the Future – FIU students compete to build country’s best solar-powered house,” with the 2011 FIU Solar Decathlon Team

“Top Designers 2009”

V+M Home, international online magazine. For the publication of Playa Honda House.
2009

“FIU, Sweetwater Work to create “College Town” District,” with Jason Chandler and Roberto Rovira

Metropolitan News, The Metropolitan Center, Florida International University,
Fall 2007

“City and Nature”

Session Chair for the 96th Association of Collegiate Schools of Architecture Annual Meeting in Houston, Texas. ACSA NEWS, October, November, and December, 2007

“La Arquitectura es un Arte”

Interview

La Tribuna newspaper, Managua, Nicaragua, August 1998

“Sobre Ecoturismo” (On Ecotourism)

Interview by Danilo Lacayo

Television program *Buenos Dias*, Managua, Nicaragua, July 1998

“Ecotouristic Inventotry for Nicaragua”

Interview

La Prensa newspaper, Managua, Nicaragua, July 1998.

“On Latent Geometry and Transparency”

Interview by Abner Colmenares, Dean, School of Architecture, Universidad Central de Venezuela

For the XVI Bienal de Arquitectura, Universidad Central de Venezuela, Caracas, Venezuela, February 1998

Joe Kollin, “Hunt for Florida History Hits Broward Oldest City,” with Betty Hassett and Juan A. Bueno

Research on Dania historical neighborhoods

Sun Sentinel, Dania, Florida, June 1992

“Dania Historical Sites Slated for Preservation Plan,” with Betty Hassett and Juan A. Bueno

Research on Dania historical neighborhoods

Dania Press, Northeast Plus, Dania, Florida, June 1992

TEACHING

List of Courses Taught at FIU

1992-2019

Honors College

Honors 1 2007

Honors 2 2008

Honors Seminar V, Environment and Society I 2011-

Honors Seminar VI, Environment and Society II 2012-

Graduate Courses in Architecture

Formative Design 3, 2003, 2007, 2014

Graduate Design 1, 2, and 3 1998, 2002-2008

Graduate Design 7, 8, and 10 2010-

Solar Decathlon Seminar 2010

Integrated Comprehensive Studio 2009-2012

Graduate Design 9, Sustainability Studio 2010-2013 and 2016-2017

Graduate Thesis 2000-2001

Masters Project 2009, 2014, 2015, 2019

Integrated Building Systems 2011

Advanced Design Theories 1999-2005

Case Studies in Architecture 2001-

Design Ecology and Technology 2009-

Design Theories 2008

Independent Study	2013-
Special Topics	2016

Undergraduate Courses in Architecture

Architectural Design 1	Dual enrollment DASH/FIU 1994-96
Architectural Design 2	1992
Architectural Design 3	1995
Architectural Design 4	1992, 1996
Architectural Design 5	1992-1996
Architectural Design 6	1993, 2000
Architectural Design 7	1993-1996, 1999-2002
Architectural Design 8	1993, 1994, 1996, 1999-2004
Introduction to Design Theories	1993 -1996
Design Theories (also as distance learning)	1994-1996
Architecture of the 19 th and 20 th Centuries	1992, 1993, 1995, 1996
History of Architecture 3	1999-2003
Design History 1	2004
Design History 2	2010
Architecture of the Americas	1996
American and Colonial Architecture	1997
Survey of Arch. Hist. (also as distance learning)	1992-1996
Design Concepts	1997
Case studies in Architecture	2001- 2012
Design Ecology and Technology	2007-2008
Architecture and Urban Design Seminar	2001
Independent Study (Upper Division elective)	1992-2012

Distance Learning Courses

Four televised courses to Design and Architecture Senior High (DASH) and Florida International University's Biscayne Campus: 1994-1996. These courses were designed to attract students from the Design and Architecture Senior High School, a renowned Blue Ribbon Magnet Design School in South Florida.

Other Teaching-Related Activities

Student Recognition

Graduate Design 10 student Fabio Segre won an Honorary Mention in the Association of Collegiate Schools of Architecture Steel Design Student Competition, 2012

Graduate Design 7 student Mohammed Shanti's Solar House project was published by the Athens Institute for Education and Research (ATINER), 2012.

Graduate Design 7 student Mohammed Shanti's Solar House project was presented at the 7th International Conference on Environmental, Cultural, Economic and Social Sustainability. University of Waikato, Hamilton, New Zealand, 2011.

The visiting team of the National Architectural Accreditation Board (NAAB) recognized "with distinction" the work of the Graduate Comprehensive Design Studios that I coordinated for our (second) 2011 accreditation.

Graduate Design 8 student Julio Pulido's "Extreme Shopping" project was published in CRIT 48, The Journal of the American Institute of Architecture Students, Fall 2000.

Travel Research with FIU Graduate Design students

Japan, 2014 – 2019	With A. Andia, E. Goldemberg, T. Spiegelhalter, C. Busch
Boston / Cambridge, 2015	
Dallas / Fort Worth, 2014	
Genoa, 2010	With Matthew Rice
New York, 2008	
Savannah, 2006, 2007	With Jason Chandler
New York, New Haven, 2005	
Spain, 1997	With Juan A. Bueno
Grenada, West Indies, 1994	With René Gonzalez

SERVICE

Professional Service

Service to Professional Associations / Societies

American Institute of Architects (AIA)

Member, 1990-

The Sert Council, Harvard GSD

Member, 2016-

Contributing alumnus for enabling opportunities for innovation in teaching and research

International Journal of Environmental, Cultural, Economic and Social Sustainability

Associate Editor, for Volume 11, Issue 4, 2011

Associate Editor, for Volume 7, Issue 3, 2012

Association of Collegiate Schools of Architecture

Paper Reviewer (six papers), for the "City and Nature," session, 1998

National Conference, Houston, Texas

InterSymp 12 Organization Committee

Member, 2000-2001

Intersymp is an International German Conference on the Environment

InterSymp 12

Co-Chair, with Charles Middleton, from Ryerson Polytechnic University, Toronto, Canada

Paper Reviewer (five papers), for the "Environmental Systems Research" session, 2000

InterSymp 11

Co-Chair, with Vasco Mancini, from Florida State University, Tallahassee, Florida

"Environmental Systems Research and Sustainable Development" session, 1999

Precast and Prestressed Concrete Institute (PCI)

Advisor, 1999-2002

Service to the Community or Public

Energy and Climate Partnership of The Americas (ECPA)

Director and Principal Investigator, 2013-2016

With Angelique Lawrence (Program Manager) and the FIU/ECPA Team

Coordinated the analysis of energy consumption baselines for over 400 municipal buildings in Valdivia, Chile; Goiania, Brazil; and Port of Spain in Trinidad and Tobago, 2013-2015

Coordinated the production of guidelines for reducing energy in over 400 municipal buildings in Valdivia, Chile; Goiania, Brazil; and Port of Spain in Trinidad and Tobago, 2016

Coordinated approximately 500 hours of training in energy reduction to over 1000 municipal employees in Valdivia, Chile; Goiania, Brazil; and Port of Spain in Trinidad and Tobago, 2014-2016

Coordinated promotional campaigns to reduce energy consumption in homes and buildings reaching approximately 15% of the local population in Valdivia, Chile; Goiania, Brazil; and Port of Spain in Trinidad and Tobago, 2014-2016

Schneibly Winery, The Redlands, South Florida

Consultant, on sustainable master plan development, 2014

Snapper Creek Neighborhood Association

Advisor, 1992-1996.

The “Hometown Plan” Area 1, for downtown South Miami

Advisor, 1993

University Service (FIU)

Service to the Department

Japan Study Abroad Program

Co-Organizer, with Alfredo Andia, 2014-2016

Responsible for planning the Kyoto, Naoshima, and Kamakura visits

Master’s Project Committee

Member, 2004-2007 and 2010-present

Taught and participated in the coordination of the Masters Project Studios

Portfolio Review Committee

Member, 2004-present

Reviewed portfolios for different tracks of the graduate program

FIU/SOA Low Cost Housing Initiative

Project Director, with Brett Moss, 2011

Worked with the City of South Miami and Habitat for Humanity planning officials

Department of Architecture’s Policies Committee

Member, 2009-2011

Graduate Sustainability Design Studios

Coordinator, 2009-2012

Coordinated site selection and syllabus criteria for five studios

Graduate Comprehensive Design Studios

Coordinator, 2008-2010

Coordinated site selection and syllabus criteria for five studios

Search and Screen Committee

Chair, 2008-2009

Environmental Technology and Lower Division Coordinator positions

Search and Screen Committee

Member, 2008-2009, 2002-2005, 2000-2002, 1999-2001

Interior Design, Digital Director, Director of Landscape Architecture, and Dean positions

Tenure & Promotion Committee

Chair, 2007-2008 and 1999-2001

Third Year Review of Roberto Rovira

Full Tenure of René Gonzalez and Full Tenure of Nathaniel Belcher

School of Architecture Building Committee

Consultant, 1999-2000

Participated in the furnishing efforts for the new School of Architecture building

Travelled to Steelcase in Grand Rapids Michigan for systems demonstration and pricing

History/Theory Committee

Member, 2001-2003

Graduate Program of Architecture

Coordinator, 2002-2003

Graduate Thesis Advisor to 16 students, 2001-2003

Architecture Faculty Council

Chair, 2000-2001

Organized five school-wide student exhibits

Undergraduate to Graduate Program Transition

Director, Undergraduate Program 1998-2001

Advisor, to 100+ students 2000-2001

Actively participated in the successful first accreditation of FIU's Graduate Program in Architecture (6 yrs). Prepared proposals for an integrated History/Theory curriculum for Architecture, Landscape Architecture, and Interiors. Participated on the accreditation visit as member of the following committees: History/Theory, Upper Division Design, Graduate Design, Technology, and Thesis, 2001-2002.

Coordinated an articulation agreement between Miami Dade Community College and Florida International University School of Architecture. Coordinated technology courses with the Department of Construction Management in preparation for accreditation. Initiated the Lectures Series, and End-of-Term Exhibitions of the School of Architecture. Arranged the visit of Ricardo Castillo from the Pontificia Universidad Católica de Chile, 2000-2001.

Prepared the Southern Association of Colleges and Schools (SACS) Accreditation Report for FIU's undergraduate program of architecture.

Initiated the faculty to faculty End-of-Term Design Reviews with outside evaluators.

Established exchange agreement with Universidad Central de Venezuela. René Gonzalez, Alfredo Andia, Marilys Nepomechie and Camilo Rosales visited Caracas under this agreement. From Venezuela, Abner Colmenares, Francisco Martin, and Leopoldo Provenzali visited FIU, 1999-2000

Attended the Association of Collegiate Schools of Architecture Administrator's Conference in Washington D.C., (November 1998).

Prepared "Five Themes of the Florida International University Architecture Program" for presentation to the first accrediting team. Prepared advising sheets for the first generation of

graduate students, 1998-1999

Theory Committee

Chair, 1999-2000

Graduate Admissions Committee

Chair, 1998-1999

Graduate Program Committee

Chair, 1998-1999 and 2002-2003

Curriculum Committee

Member, 2002-2003 and 1994-1999

History/Theory Committee

Chair, 1994-1999

Upper Division Studios

Coordinator, 1994-1997

Instrumental in preparing documentation for changing the program's name: "Bachelor of Architectural Technology" to "Bachelor of Design in Architecture", also responsible for preparing the necessary curricular changes

Service to the School / College

Tenure and Promotion Committee, College of Architecture and The Arts (CARTA)

Chair, 2007-2008

Member, 2008-2013

Participated in the drafting of the Tenure and Promotion Guidelines for the College.

College Library Committee

Member, 2010-2012

Architecture Program at FIU's School of Design

Coordinator, 1992-1994

Assisted in reducing the number of hours for the Architecture Department from 135 credits to 128 credits to comply with State regulations. Compiled graduate information from five different universities to formulate a draft curriculum for the new master of architecture. Highly involved in the separation of the School of Design from the Department of Construction Management. Coordinated the dual enrollment program between Design and Architecture Senior High (DASH) and FIU to attract DASH students, 1994-1996

Service to the University

FIU Honors College

Fellow, 2007-

FIU Nature Preserve Committee

Member, 2010-2012

Campus Environment Committee

Member, 2009-2010

Selection Committee for Campus Construction

Member, 2009-2010

University Graduate Council

Member, 2006-2007

Faculty Senate's Nature Preserve Committee

Member, 2005-2008

University Faculty Senate

Member, 2002-2005

University Faculty Senate's Stirring Committee

Member, 2002-2005

FIU Research Council

Member, 1997-2003

FIU Graduate Council

Member, 1997-2002

FIU Director's Council

Member, 1997-2002

FIU Technology Committee

Member, 1997-2002

FIU Provost Office

Reviewer, for the Provost's Summer 2000 Research Award Competition 1997-2001

FIU Art Museum

Advisor, 1997-2001

Assisted Ms. Dahlia Morgan, Director of the Florida International University Art Museum, in planning the future FIU museum building (today's Frost Art Museum)

Spring Commencement 1997

Faculty Address

FIU Technology Committee

Member, 1997-2001

FIU Ecotourism Research Council

Co-Founder and Member, 1994-1999

Thomas Spiegelhalter

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about my design/built work*
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1.

Curriculum Vitae

EDUCATION

Master of the Arts (Meisterschueler)	University of the Arts, Berlin, Germany	Design and Architecture	November 1989
Bachelor of the Arts in Design (Diplom-Designer, 8 semester degree)	University of the Arts, Berlin, Germany	Design and Architecture	July 1988
Bachelor of Science in Architecture/Engineering (Diplom-Ingenieur, 8 semester degree)	University of Applied Sciences, Bremen, Germany	Architecture and Engineering	May 1988

PROFESSIONAL APPOINTMENTS

Associate Professor, Design & Sustainability, Environmental Systems Florida International University, Miami, FL	2009 – Present
Assistant Professor, Design & Sustainability, Environmental Systems USC Center for Sustainable Cities University of Southern California, Los Angeles, CA	2003 – 2009
Visiting Professor, Design & Sustainability, Environmental Systems Center for Building Performance and Diagnostics Carnegie Mellon University, Pittsburgh, PA	2000 – 2002
Tenured Professor (C3-Full Professor Position) Design & Environmental Development, Landscape Architecture University of Hannover, Lower Saxony, Germany	2001
DAAD Visiting Professor, Design & Sustainability Gerald D. Hines College of Architecture University of Houston, Houston, TX	1999
Tenured Professor (C3-Full Professor Position) Design & Sustainability Leipzig University of Applied Science, Leipzig, Germany	1992 – 2000
Assistant Professor, Design and Sustainability University of Kaiserslautern, Kaiserslautern, Germany	1990 – 1991

PART-TIME APPOINTMENTS

Adjunct Professor, National Sustainable Building Advisor Program U.S. Cascadia Green Building Council Santa Monica College, CA	2007 – 2009
Cass Gilbert Visiting Professor for Innovations in Sustainable/Renewable Energy University of Minnesota, Minneapolis, MN	2006
Guest Professor, Sustainability and Design Sustainability and Environmental Systems Universidad del Desino, San Jose, Costa Rica	2000 – 2002

PROFESSIONAL PRACTICE

Carbon-Neutral Design Projects LLC, Miami, FL Founder and Principle Executive Architect Sustainable Architecture, Resilient Engineering, and City Planning	2018 – Present
Studio Thomas Spiegelhalter & Associates, Freiburg, Germany Founder and Principle Executive Architect, Engineer and Town Planner Design Consulting Services for Private, Institutional, and Commercial Clients Projects across Europe, Asia, Africa, and the Americas Environmental Design-Built work in excess of <u>\$438 million</u> Master Planning/Consultation Yield in excess of <u>\$258 million</u> in Projects	1989 – Present
Prof. Architect L. Thurmer Firm for Environmental Exhibition Design, Berlin, Germany Architect, Environmental Design Projects	1988 -1989
PRO VENETIA VIVA European Stipend Recipient for Historic Preservation and Renovations Projects in Italy, France, Switzerland, and Germany	1978 – 1980

LICENSURE & ACCREDITATION

Accredited Professional Member Leadership in Energy, Environment, and Design (LEED) US Green Building Council	2003 – Present
Licensed Architect, Engineer, and Town Planner Germany, BW, AL No. 37201 Permitted in all EU Member States 10/06/85 No. 85/384 EWG0 (A.C.E., Architects' Council of Europe)	1989 – Present
Distinguished Lifetime Member (Friedrich Schinkel Prize) Engineer, Architecture and Engineering Society of Berlin	1986 - Present

2.

Statement of Teaching Research and Service

2 – Statement of Teaching, Research, and Service

Thomas Spiegelhalter received both a Master and Bachelor of Arts in Design and Architecture from the University of Arts in Berlin, Germany and a Bachelor of Arts in Architectural Engineering from the University of Applied Science in Bremen, Germany. From 1990 to 1999, he began his academic career as an Assistant Professor of Design and Sustainability at the University of Kaiserslautern, and ultimately tenure as a C3 Full Professor at the University of Applied Science in Leipzig in 1993.

As a 1999 recipient of the DAAD Prize for German-American Academic Exchange, Thomas was appointed a visiting professorship in Design and Sustainability at the Gerald D. Hines School of Architecture of the University of Houston. Subsequently, he similarly he taught as a Visiting Professor Performative Design and Sustainability at the Center for Building Performance and Diagnostics at Carnegie Mellon University's School of Architecture in Pittsburgh, PA from 2000 to 2003. In 2003, Thomas was appointed Assistant Professor at the University of Southern California's Building Science Program and Center for Sustainable Cities, where he taught until 2009 when he joined FIU's School of Architecture in Miami.

When Thomas arrived at FIU, the department's directional goals was to completely revise and update the curriculum of the sustainability studio and environmental systems in architecture courses to meet international, technological, and future accreditation requirements within a minimal amount of time. To meet the department's goals under pressing deadlines, Thomas undertook the planning and implementation of the entire Blackboard and CANVAS systems from scratch; developed the Building Information Modelling (BIM) software nodes and scripts to accompany online and cloud-based simulation exercises, test, and lectures; and, the updating of automated course-quizzes with the newest ASHRAE/ISO, AIA-NCARB, and UAI professional question sets, including several specific visual programming software workflow tutorials and exercises.

This ultimately led to the establishment of the Dynamo-Rhynamo-BIM-User Group¹ within Autodesk User Group International ('AUGI'). AUGI provides access to elite, worldwide expert technological support, while allowing the user group to share, investigate, and develop new tools for use within the generative design industry. Over the course of Thomas' nine years at FIU, he also has and continues to train young instructors in managing large-scale environmental systems and using Building Information Modelling tools in their respective architecture classes. He also extensively fund-raised for, co-founded, and is the current Co-Director with Professor Shahin Vassigh of FIU's Structures and Environmental Technologies Lab (SET)—an academic and professional teaching, research and outreach center.

Thomas has also participated in over \$12,3 million in research grants and contracts from public and private institutions, including NSF, NREL, DOE, AIA, EU Belmont, EU Horizon, Intelligent Europe, DAAD, ERASMUS, and BMWI since 1990. This has allowed him to work with numerous funded graduate and PhD students over the course of the last 29 years. He also served as a faculty adviser to FIU's transdisciplinary, award-winning Solar Decathlon teams in the US and China (CMU 2002, USC 2007, FIU 2011, FIU-Tsinghua China 2016). Many of his former students have gone on to obtain success in their own right, either as interns, employees or professors on major projects throughout Europe, Africa, Asia, and the Americas.

In addition to his academic work, Thomas has worked as a professional architect, engineer, and town planner licensed to practice in all EU Member States throughout his entire career. He is also LEED accredited, and has provided private, institutional, and commercial consulting services worldwide. Thomas' professional portfolio includes over \$438 million in built environmental designs and over \$258 million of master planning consultations on building and infrastructure projects.

Thomas' creative design work, applied research, and teaching has been widely recognized for excellence, and is the recipient of 72 honors at the academic, regional, national, and international levels, including Architectural Record's 'Design Vanguard' award. His work has also been featured in 111 design and research publications and monographs, 63 exhibitions, 14 TV-Video documentaries, and 124 international

¹ <https://www.augi.com/local-user-groups/group/dynamo-bim-user-group>

conferences worldwide. Thomas has also authored/co-authored 11 books, 16 book chapters, 29 double-blind peer-reviewed articles, and 124 refereed conference proceedings, and 62 non-refereed publications.

Thomas' teaching and research chiefly revolves around:

- (a) Carbon-Neutral Building Design with parametric-algorithmic AI-driven modeling tools, and their impact on architectural education, research and practice;
- (b) Post-Occupancy-Monitoring and Resource Benchmarking related to teaching, research and creative work;
- (c) Parametric Automation in Design and Construction, Best Practices in Sustainable Building Design with Interactive Learning Environment, and tutorial development for courses and studios;
- (d) Innovative Building Integrated Systems for climate-responsive engineering; and,
- (e) Greenhouse Gas emission reduction strategies for carbon-neutral Net-Zero-Energy Buildings, Infrastructures and Cities.

Thomas' participation in funded research at FIU and other Universities worldwide is extensive. He presently serves as principle investigator (PI) for the Miami partner of the CRUNCH Consortium (Climate Resilient Urban Nexus Choices): a collaborative effort between Urban Living Labs in Miami, London, Glasgow, Eindhoven, Gdansk, Uppsala, and Taipei. The project is budgeted for \$1.9 Million over 3 years and is sponsored by Urban Europe, the EU Commission, the Belmont Forum, Intelligent Europe, and the Sustainable Urbanization Global Initiative (SUGI) with NSF, plus a grant to participate in La Biennale di Venezia—the 17th International Architecture Exhibition in Venice from May 23 – November 29, 2020.

From 2016, he served as a Senior Investigator (SI) on the ongoing 'CIF21/DIBBS/EI/VIFI: Virtual Information-Fabric Infrastructure (VIFI) for Data-Driven Decisions from Distributed Data' project of the University of North Carolina at Charlotte under an NSF grant for \$3,999,531.00. From 2013 to 2016, he was Co-PI with Professor Camilo Rosales on the Energy Climate Partnership of the Americas' Energy Efficiency Competition for Brazil, Chile, and Trinidad & Tobago, under a grant from the US Department of State Bureau of Western Hemisphere Affairs for \$799,099 (CFDA# 19.750).

Prior to that, Thomas was PI on 'An Open-Source Integrated Computing Infrastructure to Support the Life Cycle Design and Engineering of High-Performance Building Grant' under a \$30,000 FIU-CEC Seed Grant (Project ID: 800000879) and on the US Environmental Protection Agency's (EPA's) P3 program: 'People, Prosperity and Planet Student Design Competition for Sustainability' under a \$30,000 FIU-SIPA grant; and as SI on the 'Cyber Enabled, User Oriented, Interoperability Modeling for Engineering Sustainable Built Environments, under grants from the National Science Foundation for \$600,000 (NSF# 207807, 1242177).

He also served as Co-PI for the Solar Decathlon 2011 FIU PerFORM[D]ance House under \$100,000 in funding from the US Department of Energy and the National Renewable Energy Laboratory; and, Co-PI on the Solar Decathlon China 2013 FIU-Tsinghua University 'O' House', under \$100,000 in funding from the US Department of Energy and National Energy Administration of China. He also served as senior personnel on the 'Integration of Building Technology and Design in Architectural Education' project with Professor Vassigh (PI), which received \$553,000 in joint funding from the U.S. Department of Education and the Fund for Improvement of Postsecondary Education that led to a Course book publication and Online Tools. Thomas also collaborated on research of the automation, fabrication, and robot-assembly of the Sekisui Heim product for the Sekisui Chemical Company in Tokyo, Japan in 2015.

Thomas has also remained significantly engaged in professional and university service, including acting as Series Editor for Building Technology for ARTECH House Publishers in London from 2013-2016; and as associate editor and referee for the journals *International Journal of the Constructed Environment* and *Design Principles and Practices*. He has also served as a peer-reviewer for the American Society of Mechanical Engineers, The Sustainable Building Conferences, and the Building Enclosure Sustainability Symposium, and regularly serves as juror of regional, national, and international design competitions around the globe, including the International Design Fundecor Headquarter Competition' in San Jose, Costa Rica in 2011.

Beginning in 2005, Thomas has proposed, developed, and co-organized educational sessions for various initiatives, including the 'AIA 2030 Challenge-Carbon-Neutral Design' in Pasadena, Los Angeles from 2010 to 2012; the Mundaneum (Union Internacional de Arquitectura) in Managua, Nicaragua, Granada, Guatemala and twice in San Jose, Costa Rica from 2011 to 2016; and the International Forum and Federal Summit in Washington, DC and for the International Greenbuild in Chicago, IL in 2010. He has also served as a working group member of the University of Pescara's Department of Technologies for the Built Environment (DiTAC) on the EU's URBACT program for the re-development of cities and neighborhoods with energy efficient housing since 2005; and, provided an Teaching and Professional Licensing Manual and Inventory with training workshops in Trinidad and Tobago and St. Lucia on the EU-funded 'New Educational and Professional Learning and Benchmarking Mechanisms for the Caribbean' for the University of the West Indies.

Thomas also co-organized and moderated the 2009 Sustainable Energy Technology in Germany and the US Symposium, which was sponsored by the German Ministry Technology Export Initiative, The State of Baden-Württemberg, Daimler-Benz, Bosch, and Zafh.net Centre of Applied Research on Sustainable Energy Technology. He has served on FIU's Provosts Environmental Strategic Planning Committee, and is presently working with CARTA on the strategic development of FIU's SET-Lab, including grant-writing, acquisition and testing of research equipment, seeking other outside funding.

Looking ahead, Thomas will continue to incorporate the interests that have profoundly influenced his graduate, research, and service at FIU's School of Architecture and FIU in large. He intends to continue incorporating parametric design of carbon-neutral and generative design optimizations into his work, to developing the environmental systems courses and graduate sustainability design studios, and to forging worldwide relationships with large-scale funding sources and research partners who share the vision of developing the FIU CARTA's Teaching and Research Lab's.

3.

Teaching

Graduate Courses 3a

Graduate Student Supervision 3b

Course, Curriculum Development Activities 3c

3.

Teaching

Graduate Courses 3a

Graduate Master Thesis and PhD 3b

Course, Curriculum Development Activities 3c

3a – Graduate Courses

ACADEMIC TEACHING

FIU School of Architecture, Fall 2009 – Spring 2019

Graduate Courses:

1)	F09	ARC 5612 Environmental Systems in Architecture 1	13 Students
2)	F09	ARC 5483 Integrated Building Systems	14 Students
3)	SP10	ARC 5621 Environmental Systems in Architecture 2	28 Students
4)	SS10	ARC 5612 Environmental Systems in Architecture 1	24 Students
5)	SS10	ARC 5612 Environmental Systems in Architecture 1	33 Students
6)	F10	ARC 5483 Integrated Building Systems	11 Students
7)	F10	ARC 5612 Environmental Systems in Architecture 1	49 Students
8)	SP11	ARC 5483 Integrated Building Systems	24 Students
9)	SS11	ARC 5612 Environmental Systems in Architecture 1	25 Students
10)	SS11	ARC 5612 Environmental Systems in Architecture 1	27 Students
11)	SS11	ARC 5483 Integrated Building Systems (co-taught)	36 Students
12)	F11	ARC 5612 Environmental Systems in Architecture 1	49 Students
13)	F11	ARC 5621 Environmental Systems in Architecture 2	26 Students
14)	SP12	ARC 5621 Environmental Systems in Architecture 2	27 Students
15)	SS12	ARC 5612 Environmental Systems in Architecture 1	49 Students
16)	F12	ARC 5612 Environmental Systems in Architecture 1	33 Students
17)	F12	ARC 5621 Environmental Systems in Architecture 2	41 Students
18)	F12	ARC 5483 Integrated Building Systems (co-taught)	11 Students
19)	SP13	ARC 5621 Environmental Systems in Architecture 2	57 Students
20)	F13	ARC 5612 Environmental Systems in Architecture 2	37 Students
21)	F13	ARC 5483 Integrated Building Systems (co-taught)	30 Students
22)	SP14	ARC 5621 Environmental Systems in Architecture 2	108 Students
23)	SS14	ARC 5933 Environmental System – Special Topics	18 Students
24)	F14	ARC 5612 Environmental Systems in Architecture 2	50 Students
25)	SP15	ARC 5621 Environmental Systems in Architecture 2	103 Students
26)	SS15	ARC 5933 Environmental Systems -Special Topics	18 Students
27)	SS15	ARC 5612 Environmental Systems in Architecture 2	50 Students
28)	F15	ARC 5612 Environmental Systems in Architecture 2	56 Students
29)	SP16	ARC 5621 Environmental Systems in Architecture 2	106 Students
30)	SS16	ARC 5933 Special Topics Environmental Systems	10 Students
31)	F16	ARC 5612 Environmental Systems in Architecture 2	29 Students
32)	F16	ARC 6906 Independent Study, Dynamo Programming	2 Students
33)	SP17	ARC 5621 Environmental Systems in Architecture 2	56 Students
34)	SP17	ARC 6906 Independent Study, Dynamo Programing	2 Students
35)	SP17	ARC 5935 Carbon Neutral Cities, Buildings (Special)	16 Students
36)	SS17	ARC 5612 Environmental Systems in Architecture 1	50 Students
37)	SS17	ARC 5935 Special Topics Environmental Systems	14 Students
38)	F17	ARC 5612 Environmental Systems in Architecture 1	52 Students
39)	F17	ARC 6906 Independent Study, Dynamo Programing	2 Students
40)	SP18	ARC 5621 Environmental Systems in Architecture 2	95 Students
41)	SP18	ARC 5935 Special Topics Carbon Neutral Buildings	16 Students
42)	SP18	ARC 6906 Independent Study-Dynamo Programming	2 Students
43)	SS18	ARC 5612 Environmental Systems in Architecture 1	50 Students
44)	SS18	ARC 5935 Special Topics Environmental Systems	12 Students
45)	SS18	ARC 6906 Independent Study-Dynamo Programming	4 Students
46)	F18	ARC 5612 Environmental Systems in Architecture 1	43 Students
47)	SP19	ARC 5612 Environmental Systems in Architecture 2	109 Students
48)	SS19	ARC 5935 Carbon Neutral Buildings and Cities (special)	7 Students
49)	SS19	ARC 5621 Environmental Systems in Architecture 2	50 Students
50)	SS19	ARC 5340 Environmental Design Tokyo (Special Topic)	20 Students

Graduate Design Studios:

51)	SP10	ARC 5362, Sustainability Design Studio 9	16 Students
52)	SP11	ARC 5362, Sustainability Design Studio 9	12 Students
53)	SP12	ARC 5362, Sustainability Design Studio 9	13 Students
54)	F12	ARC 5362, Digital Design 9	15 Students
55)	SP13	ARC 5362, Sustainability Design Studio 9	15 Students
56)	SP14	ARC 5362, Sustainability Design Studio 9	13 Students
57)	SS14	ARC 5340/62/6356, Study Abroad Design 7/9//10	15 Students
58)	F14	ARC 5340-43, Digital Design D7-8	16 Students
59)	SP15	ARC 5362, Sustainability Design Studio 9	14 Students
60)	SS15	ARC 5340/62/6356, Study Abroad Design 7/9//10	13 Students
61)	F15	ARC 5340-43, Digital Design D7-8	13 Students
62)	SP16	ARC 5362, Sustainability Design Studio 9	12 Students
63)	SS16	ARC 5340/62/6356, Study Abroad Design 7/9//10	9 Students
64)	F16	ARC 5340-43, Digital Design D7-8	14 Students
65)	SP17	ARC 5362, Sustainability Design Studio 9	16 Students
66)	SS17	ARC 5340/62/6356, Study Abroad Design 7/9//10	14 Students
67)	F17	ARC 5340/5343, Digital Design 7-8	14 Students
68)	SP18	ARC 5362, Sustainability Design Studio 9	16 Students
69)	SP18	ARC 6970 Masters Project (Directed Indiv. Study)	2 Students
70)	SS18	ARC 5340/62/6356, Study Abroad Design 7/9//10	15 Students
71)	F18	ARC 5340-43, Digital Design 7-8-Formative	16 Students
72)	SP19	ARC 5362, Sustainability Design Studio 9	15 Students
73)	SS19	ARC 5343, Study Abroad Tokyo Design 9 + 10	20 Students

University of Southern California School of Architecture, Spring 2003 – Spring 2009

Courses:

74)	F06-SP09	Arch 519, Sustainability in the Environment
75)	SP06-09	Arch 419, Architectural Sustainability Tools, and Methods
76)	F03-F09	Arch Thesis 69x, Building Science Graduate Program
77)	F03-SP09	Arch 693abx, Directed Thesis Research in M-Arch Graduate Program
78)	SP04-SP05	Arch 211, Materials, Methods of Construction, Coordination
79)	F05-F06	Arch 611, Advanced Building Systems Integration (2)
80)	F03-F04	Arch 511, Advanced Building Systems Integration (1)
81)	SP03-SP09	Arch 490, 590, Directed Technology/Sustainability Research

Design Studios:

82)	F08	Arch 302, Revolving Sustainability Expert for 2010 and 2030 Initiative
83)	SP04-SP09	Arch 402, 4th year Topic Design Studio (Climate Responsive Design)
84)	SP03-F03	Arch 302, 3rd year Integrative Design Studio

Carnegie Mellon University School of Architecture, 2000 – 2003

85)	48-572, DESIGN/BUILD-Solar-Zero-Fossil-Energy-House (Interdisciplinary)
86)	48-XXX, Industrial Archeology: The Hybrid Studio
87)	48-729, Powering the Campus of the Future (Interdisciplinary)

Design Studios:

88)	48-720, Design/Build Solar Decathlon Realization Studio
89)	48-500, Architecture Design Studio, 5th year Design Studio
90)	48-505, 5th year Design Studio - Solar City Framework

Universidad del Desino, Facultad de Arquitectura y Urbanismo 2001 – 2002

91) Solar City Development in the Tropics

University of Houston, G. Hines College of Architecture, 1999

92) F99 4501 Architecture Design Studio VIII

University of Applied Science Leipzig HTWK, 1992 – 1999

Courses:

93) 1st, 2nd year, Materials & Sculpture
94) 3rd, 4th year, Experimental Spatial Design
95) 3rd, 4th year, Experimental Solar Architecture
96) 3rd, 4th year, Visual Communication/3d-Design and Multimedia
97) 3rd, 4th year, Interior Architecture and Environmental Design

Design and Diploma (Bachelor/Master) Thesis Studios:

98) 4th year, Architectural Design
99) 4th year, Un centro de atencionpara” LA BOCA”, Buenos Aires
100) 4th year, Competition Peninsula Gruna Buildings, Leipzig-Houston
101) 1992-1999: Diploma Thesis, Individual Projects in Architectural and Urban Design

University of Kaiserslautern, Department of Architecture, 1990 – 1992

Courses:

102) 2nd year, Building Typologies and Design Methodologies

Graduate and Master Design Studios:

103) 5th year, Design Studio - Intelligent Buildings
104) 6th year, Design Studio (with Prof. Ermel, W. van Aaken)
105) Diploma and Master Thesis, Individual Projects in Environmental Design

3.

Teaching

Graduate Courses 3a

Graduate Master Thesis and PhD 3b

Course, Curriculum Development Activities 3c

3b – Graduate Student Supervision

FIU School of Architecture

Graduate Master Thesis:

- | | | | |
|----|----------|---|------------|
| 1) | F17-SP18 | Master Thesis on Dynamo-BIM-High Rise-Optimizations | 2 Students |
|----|----------|---|------------|

Master Thesis Committee Member:

ARC 6356 Design 10 / ARC 6970 Masters Project Committees

- | | | | |
|-----|------|--|-------------|
| 4) | F09 | Masters Projects instructor: Prof. John Stuart | 13 Students |
| 5) | SP10 | Masters Projects instructor: Prof. John Stuart | 14 Students |
| 6) | F10 | Masters Projects instructor: Prof. Marilys R. Nepomechie | 14 Students |
| 7) | SP11 | Masters Projects instructor: Prof. Marilys R. Nepomechie | 15 Students |
| 8) | SP11 | Masters Projects Instructor: Prof. John Stuart | 12 Students |
| 9) | SP12 | Masters Projects instructor: Prof. Marilys R. Nepomechie | |
| 10) | SP13 | Masters Projects instructor: XXXX | |
| 11) | SP14 | Masters Projects instructor: XXXX | |
| 12) | SP15 | Masters Projects instructor: XXXX | |
| 13) | SP16 | Masters Projects instructor: XXXX | |
| 14) | SP17 | Masters Projects instructor: XXXX | |
| 15) | SP18 | Masters Projects instructor: XXXX | |
| 16) | SP19 | Masters Projects instructor: Prof. Neil Leach | 11 Students |

Supervised International Master Thesis and P.h.D students through the European ERASMUS program while at FIU (DS-2019)

Excerpt:

Universita degli Studi di Genoa and University "G. d' Annunzio" of Chieti -Pescara, Italy

Master Thesis Supervisor:

- | | | |
|-----|----------|--|
| 17) | F16-SS17 | Umberto Grosso ² , Dipartimento Archiettura e Design, Universita degli Studi di Genoa |
| 18) | F16-SS17 | Feng Xu ³ , Dipartimento Archiettura e Design, Universita degli Studi di Genoa |

Foreign PhD Student Supervisor:

- | | | |
|-----|-----------|--|
| 19) | F16 | Clariss di Tonno, INGEO Dipartimento di Ingegneria e Geologia, University "G. d' Annunzio" |
| 20) | F18-SP19 | Guido Emilio Rossi, Dipartimento Archiettura e Design, Universita degli Studi di Genoa |
| 21) | SP17-SP19 | Giulia Zappia, Dipartimento Archiettura e Design, Universita degli Studi di Genoa |

² Thesis awarded top honors: 30 con lode, and published by UNIGE

³ Thesis awarded top honors: 30 con lode, and published by UNIGE

University of Southern California School of Architecture

Master's Thesis Committee Chair in Building Science (Supervisor):

- 18) F08-F09 Aran Osborne, MBS, Studying Landscape Effects on Energy Consumption in Buildings
- 19) F08-F09 Anupam Jain, MBS, Urban Heat Island Software Development Research
- 20) SP07-SP08 Basbagill, John, MBS, Comparison of Structural and Anti-Corrosive Benefits of Fiber Reinforced Plastic (FRP)
- 21) SP07-SP08 Cleveland, James, MBS, The potential application of Natural Fiber Reinforced Bio-polymer, NFRbP, Composites in Architecture
- 22) SP07-SP08 Lin, Shih-Hsin, MBS, Watt Hall Energy Management System Implementation Initiative
- 23) F04-SP08 Andrew Lee, MBS, A Comparative Study of Bioclimatic Indicators in Southern California Native Plant Species and Architectural Site Alignment Strategies for Performance-Based Design
- 24) SP07-SP08 Loghmani, Ciavash, MBS, Optimal Zoning Configurations for Solar Access in High-Rise
- 25) SP07-SP08 Swanson, Gregory, MBS, Solar Farms: Off-Site Collective Photovoltaic Sites
- 26) F06-SP07 Jason Ritter-Lapotowski, MBS, Integrating Wind Turbines in Tall Buildings
- 27) F06-SP07 Claire Cottrell, Landscape Master, City Center's Civic Space, L.A.
- 28) F05-SP06 Yi-Chun Wang, M-Arch, Transformation: Sustainable Development of Land Adjacent to Metro Lines and Freeways in Los Angeles
- 29) F03-F04 Philip Smith, M-Arch, Technology, Poetics, and Place in Sustainable Architecture

Master Thesis Committee Member:

- 30) F08-F09 Daniel Riggin, MBS, Analysis of Spatial Configurations for Underwater Buildings as it relates to Structure
- 31) F08-F09 Andrew Gaudette. March, Sustainable Architecture
- 32) SP07-SP08 Jeerage, Anita, MBS, Window Solutions for a Low-Cost Housing Prototype for Tijuana, Mexico
- 33) SP07-SP08 Patterson, Michael, MBS, Structural Glass Facades: A Unique Building Technology
- 34) SP07-SP08 Kumar, Sumedha, MBS, Lunar architecture: Greenhouses as a sustainable module
- 35) F06-SP07 Chris Buntline, MBS, Strategies for Shaping Peak Energy Load Curves
- 36) F06-SP08 Tat Fu, MBS, Synergy of Structure and Control Systems
- 37) F06-SP07 Zhe Zin, M-Arch., Urban Redevelopment Chongqing, China
- 38) F05-SP06 Hugo Sheward Garcia, M-Arch., Kinetic Architecture
- 39) F05-SP06 Liang Zhong, M-Arch, Community Making and Building Integration in Adaptive Re-Use Lofts
- 40) F05-SP06 Veenuu Jayaram, M-Landscape Arch., Sustainable Car Parks
- 41) SP05-F05 Sejal Sonani, M-Arch., Ethics and Aesthetics of Urban Sustainability
- 42) F05-SP06 Goli Sabet, M-Arch., Planning and Design in Kuala Muda, Malaysia: A Response to the 2004 Tsunami
- 43) SP05-SP06 Brahmhatt Sumit MBS, Freeman House Thermal Analysis
- 44) F05-F06 Alice Ormsbee, MBS, Water in the Freeman House - A study of the causes and effects of leaks and water migration on the envelope and structural elements of Frank Lloyd Wright's Freeman House
- 45) F04-SP05 Xiaojun Cheng, MBS, The Methodology of the Detail Design of Structural Glass System
- 46) F03-SP04 Juan Pitones, M-Arch, Architecture and Entertainment: A new Stadium for Mexicali

University of Applied Science Leipzig HTWK, 1992 – 1999

Design and Diploma (Bachelor/Master) Thesis Studios:

1992-1999: Diploma Thesis, Individual Projects in Architectural and Urban Design

University of Kaiserslautern, Department of Architecture, 1990 – 1992 :

Graduate and Master Design Studios:

5th year, Design Studio - Intelligent Buildings

6th year, Design Studio (with Prof. Ermel, W. van Aaken)

Diploma and Master Thesis, Individual Projects in Environmental Design

3.

Teaching

Courses Taught 3a

Graduate Master Thesis and PhD 3b

Course, Curriculum Development Activities 3c

3c – Course, Curriculum Development Activities

Course, Curriculum Development Activities:

-Developed or had direct input in the analysis, development and/or re-orientation of several graduate courses and studios that have since been included in FIU's Professional Masters 5-year Accreditation Sequence since 2009. In 2011, the sequence was recognized 'with distinction' by the National Architectural Accreditation Board. Two courses have been incorporated into required program curricula: (1) Environmental Systems in Architecture 1 and (2) Environmental Systems in Architecture 2; and the ARC 5935 Carbon-Neutral Building, City and Infrastructure BIM Course is now offered as an elective course.

-Restructured several Digital Design, Sustainable Practice and Sustainability Courses (D7, D8, D9, and D10) by introducing Software Analysis and Generative BIM Design tool workflows with visual programming and automation capabilities into the course materials since 2009.

-Re-organized courses to revolve around three areas: (1) The understanding of basic and advanced data-driven and generative, iterative carbon-neutral, bioclimatic principles, thermal transfer in buildings, passive and active cooling and heating, renewable energy, mechanical, electrical, lighting, acoustics, plumbing and water, building signals, and automation and transportation systems; (2) Innovative and globally resourced use of benchmarked Architectural and Engineering design case studies that explain those principles; and, (3) The use of parametric, generative 3D-4D-5D-6D-BIM analysis and design tools for investigation of bioclimatic factors, energy, water and resource efficiency, thermal and acoustical performance.

-Co-developed and linked FIU's Integrated Building Systems Course to the Comprehensive Studio, which incorporates real-world data-driven and generative Building Information Modelling workflows and deliverables. All courses are accredited, have included multiple class and studio sections, and surpass the National Architectural Accreditation Board's student-performance criteria for professional accreditation.

-Contributed to the restructuring of the entire Architecture program curriculum from multiple perspectives, e.g., as staff member, Official Representative of the College of Communication, Architecture + Arts, and as the Chair of the Architecture Program Curriculum. This experience has culminated into the publishing of coursebook and DVD that is used in FIU's Environmental Classes and Sustainability Studios, as well as architecture programs at other universities.

Courses developed, restructured, or contributed to the reorientation of the curriculum, and have incorporated into my teaching:

Arch 5612	(3 Units)	Environmental Systems in Architecture 1 for graduate students (required)
Arch 5621	(3 Units)	Environmental Systems in Architecture 2 for graduate students (required)
Arch 5384	(3 Units)	Integrated Building Systems for graduate students (required)
Arch D9	(6 Units)	Sustainable Practice Studio (required)
ARC D10	(6 Units)	Study Abroad Berlin-London and Tokyo Studio (required)
ARC D7	(3 Units)	Digital Practice in Design (required)
ARC D8	(3 Units)	Digital Practice in Design (required)
ARC 5935	(3 Units)	Carbon-Neutral Cities, Buildings and Infrastructures (elective)
ARC 6970	(6 Units)	Masters Carbon-Neutral Project Modeling (required)

Other Instructional/Transdisciplinary Efforts

-Consulted and/or reviewed Environmental Systems in Architecture projects by students from other FIU Departments as well as students from other US and International Universities.

-Consulted on environmental energy systems in the funding and building phases of the FIU Solar Decathlon House under the direction of PI Marilyns Nepomechie, which was awarded First Place in the Energy Balance Competition and Eleventh overall place in 2011.

-Co-organized the ERASMUS + KA-107 and EU URBATRAC funded FIU-Universita degli Studi di Genoa and FIU-University "G. d' Annunzio" of Chieti -Pescara, Italy Faculty, Graduate, and Doctoral Exchange Programs (with Professors Christiano Lepratti from Berlin-Genoa and Gianmichelle Panarelli from Pescara) from 2015, which has thus far included the exchange of 6 Master/PhD students and 5 Visiting Professors (including Professor Adriana Del Borghi, who worked on a collaboration between FIU-Architecture and the Intelligent Electrical Energy Systems (IEES) Research Group).

-Developed, supported, and participated in the interdisciplinary International FIU-Tsinghua China Solar Decathlon competition workshops and training sessions in Beijing, China in 2016.

-Co-organized the forthcoming interdisciplinary FIU-Kokushikan University Joint Design Charrette/Workshop, which will bring 40 students together to create innovative design proposals; Co-organized the forthcoming FIU-Keio University EU CRUNCH Resilience Research Project, which will bring 20 students together with Keio University Faculty to present works in progress in Tokyo and Miami; and Co-organized the forthcoming FIU-Meiji University-AIA Japan Resilience Symposium, which brings together FIU Faculty and Japanese Experts to present and discuss their work.

-Designed/Developed e-learning and educational websites as supplemental course materials for ARC D9 Sustainable Practice, ARC 5612 and ARC 5621 Environmental Systems, including data model development and integration of simulation tools across several platforms, including Autodesk Ecotect, Vasari, REVIT BIM, Green Building Studio, Insight 360, ArcGIS, Infracore 360, Navisworks, Fusion 360, DYNAMO (visual programming), and Rhino-Honeybee/Diva Plugins for Rhynamo.

-Planned and implemented the School of Architecture's Blackboard/CANVAS systems and software nodes and scripts for online lectures; and updated automated course-quizzes with the newest ASHRAW/ISO, AIA-NCARB, and UAI professional question sets, including several specific software workflow tutorials and exercises that are then continuously shared with instructors

-Established, coordinated, and presently moderates the interdisciplinary Miami Dynamo-Rhynamo-BIM-User Group within Autodesk User Group International's community portal and the Miami Beach Urban Studios. It brings Designers, Architects, Engineers, Contractors, Programmers, Students and Tech enthusiasts, both novices & experts, that want to share investigate and build tools for the changing landscape of the generative design industry.
(<https://www.augi.com/local-user-groups/group/dynamo-bim-user-group>)

-Co-organized and presently serves as Principle Investigator over 27 graduate students for the Miami Urban Living Lab partner of the internationally funded CRUNCH project: a three-year multi-disciplinary research initiative and consortium, with a focus on the development of a digital, cloud-based Integrated Decisions Support System for baseline analysis and scenario modelling to aid climate-vulnerable cities.

-Currently teaches Sustainable Practice and Digital Design Studio Courses at FIU's Miami Beach Urban Studios, which has led to submission of 3 International peer-reviewed journals published by FrancoAngeli in Milano, Italy; and, will be featured as a 'Best-Practice' example at the forthcoming International Venice Biennale in 2021.

4.

Research / Scholarship / Creative Work

Publications in Discipline 4a

Refereed Publications 4a-i

Non-refereed Publications 4a-ii

Lectures / Presentations / Conferences 4b

Creative Work 4c

Creative Professional Design/Built Work 4c-i

Creative Professional Master Planning 4c-ii

4.

Research / Scholarship / Creative Work

Publications in Discipline 4a

Refereed Publications 4a-i

Non-refereed Publications 4a-ii

4a-i – Refereed Publications

Books:

- 1) *MIAMI CARBON-NEUTRALSCENARIOS 2019-2100 - CRUNCH RESEARCH FOOD - WATER - ENERGY NEXUS VOLUME 2*, Nuova serie di architettura Franco Angeli Edizioni, Italy (with D Ockert), *forthcoming*
- 2) *URBAN HYBRIDS - CRUNCH RESEARCH FOOD - WATER - ENERGY NEXUS VOLUME 1*, Nuova serie di architettura Franco Angeli Edizioni, Italy (with D Ockert), *forthcoming*
- 3) *Climate Responsive Architecture / Climate change adaption and resource efficiency. Adaptation to climate change and resource efficiency. "Climate Responsive Architecture - Carbon Neutral Hybrids*, FrancoAngeli Edizioni, Italy (with G Panarelli and C Di Tonno), 2016.
- 4) *Post-Parametric Automation in Design and Construction*, London, UK: ARTECH HOUSE, (with A Andia), 2013.
- 5) *Best Practices in Sustainable Building Design + Interactive Learning Environment*, Fort Lauderdale: J. Ross Publishers Inc (with S Vassigh and E Özer), 2012.
- 6) *Architektur-Kiste (Architecture Box)*, Darmstadt, Germany: Juergen Haeusser Verlag, (M Wasa) 1999.
- 7) *Intelligent Buildings - Klimawerkzeug Architektur*, Darmstadt, Germany: Juergen Haeusser Verlag, 1992.
- 8) *Mediatecturen und Deponiekörper, Projekt Beryl A*, Darmstadt, Germany: Juergen Haeusser Verlag, 1992.
- 9) *Solare Kieswerk-Architektur. Zum Wohnen und Arbeiten*, Darmstadt, Germany: Juergen Haeusser Verlag, 1992.
- 10) *Gravel Pit Architecture Projects 1980-1990*, Darmstadt, Germany: Juergen Haeusser Verlag, 1990.

Monograph on Architecture of Thomas Spiegelhalter:

- 11) Panarelli, G. *Adaptable Technologies—Le architetture di Thomas Spiegelhalter - The architecture of Thomas Spiegelhalter, Le Architetture della Tecnologia - Architecture of Technology, Architetture della Tecnologia*,⁴ (Italian and English), Milan: Franco Angeli srl, 2008.

Book Chapters:

- 1) "First worldwide carbon-neutral design movements (Primeros movimientos mundiales de diseño con carbon neutral)" In: *Mundaneum 1999-2019 (mondo nostrum)*, Alvaro Rojas; Editors: Federico Soriano Pelaez, Dolores Palacios Diaz, Eduardo Castillo Vinuesa, Madrid: Edición Fisuras de la cultura contemporanea, 2018.
- 2) Diesseits der Form: Architektur auf dem Weg zur Energiewende - xia Intelligente Architektur, 100 Beiträge aus 100 Ausgaben, 1994 - 2017, Stuttgart: Alexander Koch, 2017.
- 3) "Emerging Workflows, Techniques, and Design Protocols for Carbon-Neutral Buildings" In: 102nd Annual Meeting of the Association of Collegiate Schools of Architecture, Miami Beach: ACSA, 2014.
- 4) "Chapter 19 Towards Net-Zero-Energy Buildings In 2018" In: Analytics for Building-Scale Sustainable Ecosystems (BSSE) – U.S. China Research Perspectives, Part IV: Green Buildings in China and US, Edited by Yong X. Tao, University of North Texas, USA and Yi Jiang, Tsinghua University, China, New York & Connecticut: Begell House, 2013.

⁴ Showcases Spiegelhalter's design/built research on solar, zero fossil energy buildings, large scale sustainable urban and infrastructural master plans, and developments in Europe and US.

- 5) "Mitigate, Adapt, Sustain: Emerging Workflows and Design Protocols for Subtropical Carbon Neutral H2 Cities" In: The 2013 ACSA Fall Conference: SUBTROPICAL CITIES, Fort Lauderdale: ACSA, 2013.
- 6) "Capítulo II -Arquitectura Bioclimática (ojalá en el Trópico Húmedo) - Arq. Thomas Spiegelhalter (Chapter II Bioclimatic Architecture in the Neotropics)" In: Environmentally Responsible Architecture in the Neotropics, Edited by Katiana Murillo and Alvaro Rojas, EAE: Editorial Académica Española, LAP LAMBERT Academic Publishing GmbH & Co, 2012.
- 7) "Passive and Active Micro-Generation Building Systems for Cooling, and Dehumidification in Hot and Tropical Climates" In: Environmental Engineering and Sustainability, Athens: ATINER, 2012.
- 8) "Sostenibilita su base prestazionale: colmare il divario tra progettazione urbana e tecnologie adattabili (Performance based sustainability: bridging the gap between community design and adaptable technology)" In: Adaptable Technologies – Le architettura di Thomas Spiegelhalter, Edited by Gianmichelle Panarelli, Milan: FrancoAngeli, 2008.
- 9) "In Sessione III: La ricerca e la sperimentazione progettuale – Sostenibilita dei progetti e nuove tecnologia nei paesaggi urbani e postindustriali" In: Involucri energetic, Edited by Filippo Angelucci and Gianmichelle Panarelli, Pescara, Italy: SALA-editori s.a.s, 2003.
- 10) "New Park – Visions Need Space" In: Visions and scenarios for development concepts for investors of new sustainable industrial and business parks in the Emscher Lippe Region, (with P Drecker and D Fuerst), Düsseldorf, Germany: Ruhr Kohle Publishing House, 2000.
- 11) "Feasibility study for the environmental site evaluation and reactivation of abandoned industrial areas" In: The new urban development in the Ruhr Valley, (with P Drecker and A Wolf), Ruhrgebiet, Germany: EW Oestliches, 1998.
- 12) "Solare Stadtreihenhaeuser in Freiburg Rieselfeld (Architekt Prof. Thomas Spiegelhalter) – Stadtreihenhaeuser mit aktiver und passiver Solarnutzung (Solar City Row Houses)" In: Aktueller Praxisratgeber fuer Umweltfreundliches Bauen (Actual Guidelines for Best Practice in Environmentally friendly Construction), Edited by Bernhard Kolb, WEKA Baufachverlage GmbH fuer Architekten und ingenieure, 1998.
- 13) "Fassadenintegrierte Photovoltaik- u. Informationssysteme" In: TERRATEC '94. Energie-Energieökonomisches Bauen, Energy - Internationale Fachmesse und Kongress für Umweltinnovationen, Edited by Volker and Rolf Thiel, Stuttgart: B.G. Teubner Verlag, 1994.
- 14) "Innovative Holzbauweisen fuer den Wohnungsbau (Innovative Wood Constructions for Housing)" In: Informationsdienst Holz - Wohnungsbau, Reihe 4, Ausgabe 1993. Entwicklungsgemeinschaft Holzbau in der Deutschen Gesellschaft für Holzforschung (with W Lewitzki), Düsseldorf, Germany: Deutsche Arbeitsgemeinschaft Holz e.V., 1993.
- 15) "Gravel Pit Architecture, Karl-Hofer-Preis 1990" In: Karl-Hofer-Symposium 1990, University of the Arts Berlin, Berlin: Colloquium Verlag, 1991.
- 16) "Sabliere, Drop-off II, Kieswerk IN SITU, Espace Vert, Pelouse des Ciments d'Origny" In: Les Ateliers Du Sundgau Nr.1, De Tout Bois-Installations-Expositions, CRAC, Centre Regional D'Art Contemporain Alsace, France: Mulhouse, 1990.

Journals:

- 1) "Energy Modeling and Data Structure Framework for Sustainable Human-Building Ecosystems (SHBE) - A Review" (with S Talele, C Traylor, L Arpan, C Curley, C Chen, J Day, R Feiock, M Hadzikadic, S Ingman, OT Karaguzel, KP Lam, C Menassa, S Pevnitskaya, WJ Tolone, W Yan, D Yeatts, Y Zhu, and Y Tao) Journal Frontiers in Energy, 2018.
- 2) "Parametric-algorithmic, Sea-level-rise Building Design Solutions: Long-term Design Testing and Optimization Scenarios for Miami Beach 4 Buildings in Florida" (with U Eco, X Feng, R Morbiducci, and C Lepratti) Journal of the Twelfth International Conference on Design Principles & Practices, Special Focus: No Boundaries Design / Design No Fronteras, 2018.

- 3) "Comparative International Carbon-neutral Campus Building Design Operation Strategies: University of Genoa, Italy and Florida International University in Miami, United States" (with A Del Borghi) Journal of the Twelfth International Conference on Design Principles & Practices, Special Focus: No Boundaries Design / Design No Fronteras, 2018.
- 4) "Design Agent based Real Time Scenario Planning and Benchmarking for Salutogenic Environments" (with H Yi) Building Science & Engineering, Union of International Architects, World Congress, UIA Seoul, 2017.
- 5) "Automating Carbon Neutral Design and Practice for Optimization, Manufacturing, and Post Occupancy Evaluation" (with A Biermann) Journal of the 10th International Conference on Design Principles & Practices at PUC, 2017.
- 6) "New Design Protocols for Industrial-scaled Modes of Production for Carbon Neutral Buildings" The International Journal of the Constructed Environment, 2015.
- 7) "Exergy Analysis and Design Optimization for Carbon Neutral Architecture" International Journal for Design Principles and Practices, 2013.
- 8) "New Design Protocols for Industrial-scaled Modes of Production for Carbon Neutral Buildings" The International Journal of the Constructed Environment, Volume 3, Issue 3, 2013.
- 9) "Hacia La Evaluacion Comparative Global, Mas Alla De La Arquitectura Verde" Sostenibilidad el reto de la arquitectura moderna. Sociedad Columbiana de arquitectos, 2012.
- 10) "Modeling Net-Zero-Fossil-Energy Buildings with 3D/4D Parametric BIM Performance Tools" Journal of Green Building, Industry Research Section, Volume 7, Issue 4, 2012.
- 11) "Roadmap for Developing Low-Carbon Buildings and Cities in the United States by 2050" The International Journal on the Constructed Environment, 2012.
- 12) "Climatic Tropism in Buildings: Designing with Natural Response Cycles for Better Performance" Design Principles & Practices – An International Journal, Volume 5, Number 4, 2012.
- 13) "Designing Net-Energy-Zero Buildings with Natural Systems" The International Journal of Sustainable Development and Planning, 2012.
- 14) "Tropical Architecture with Micro-Generation for Cooling and Dehumidification" Journal of Civil Engineering and Architecture, 2012.
- 15) "From Theory to Practice in Measuring and Benchmarking Design/Build Sustainable Architecture: Local Examples, Global Perspective" Design Principles and Practices - An International Journal, Volume 5, Number 2, 2011.
- 16) "Ein selbstreferenzielles System Anspruch und Wirklichkeit energieeffizienter und klimagerechter Städte in den USA" Edition Thema: Stadt & Energie, Stadt Bauwelt Magazine, Nr. 189, 2010.
- 17) "Global Benchmarking? Taking a Critical Look at Eco-Architectures" the International Journal on Ecology and the Environment: ECO-Architecture III - Harmonisation Between Architecture and Nature, Volume 128, 2010.
- 18) "Designing Cities of the Future with the Principles of Biomimicry and Circular Metabolism" Design Principles and Practices - An International Journal, Volume 4, Number 2, 2010.
- 19) "Biomimicry and Circular Metabolism for the Cities of the Future" The International Journal of Sustainable Development and Planning: The Sustainable City VI - Urban Regeneration and Sustainability, Vol. 129, 2010.
- 20) "Global, Benchmarking? Taking a Critical Look at Sustainable Design in the US" Beyond LEED. The Journal of the AIA, California Council, 2010.
- 21) "Zero-Fossil-Energy Powered Infrastructure and Buildings on Catalina Island in Southern California" Ecosystems and Sustainable Development VII, The International Journal of Design & Nature and Ecodynamics, Vol. 122, Section 6, 2009.

- 22) "Lazos de retroalimentacion y el metabolism circular par alas ciudades del future" MUNDANEUM 10 anos, VI Reunion Internacional de Arquitectura 2009. IUCN International Union for the Conservation of Nature, Universidad del Diseño, San Jose, 2009.
- 23) "Solar architectural site alignment strategies for performance-based design" EUROSOLAR Sun and Sense 2008, 2008.
- 24) "Involucri Energetici – Energetic Envelopes" Sostenibla Dei Progetti E Nuevo Tecnologia Nei Paesaggi Urbani E Postindustriali, Atti Del Convegno, ARAEN Agenzia Regione Abruzzo l'Energia, Programma Comunitario, 2003.
- 25) "Towards Zero-Energy-Urban-Infrastructures" The Future of Architecture, Report and Outlook, UIA White Book 2002, Union Internationale des Architects, UIA, BDA, Berlin-Paris-Basel-Boston-NYC: Birkhaeuser, 2002.
- 26) "Niedrigenergiehaeuser im Vergleichstest: Solare Doppelstadt-haueser (Low-Energy-Buildings in Comparison Test – Solar Town Houses)" Zuerich-Paris-Milan-New York: WEKA Baufachverlag, 1998.
- 27) "Solar Hybrids - Tecnologia e decostruzione" Strumenti, Ambiente Territorio, Edilizia Urbanistica, Aldo Capasso, 1998.

Accepted, *forthcoming* Peer Refereed Journals:

- 1) "Carbon Neutral Water-Energy-Food Nexus Research for Miami and the Greater Islands" (with D Ockert) Design Principles and Practice Journal, 2020.
- 2) "Quantitative BIM Workflow for Climate Change Design Choices on an Urban Scale" (with D Ockert) Journal of Building Performance Simulation, 2019.

Conference Proceedings:

- 1) "The Water-Energy-Food Nexus: A new approach in support of Carbon-Neutral, Resilient and Blue-Green Infrastructural Developments for the Cities of Miami Beach and South Miami," Conference on Urban Sustainability: Social Actors, Policy and Governance, (with D Ockert), Florida State University, Tallahassee, FL. April 15 - 16, 2019.
- 2) "Biomimetic Energy-Water-Food Nexus Design and Hybrid Research - Towards the Carbon-Neutral Indian Creek Infrastructure of Miami Beach," Conference on Urban Sustainability: Social Actors, Policy and Governance, (with D Ockert), Florida State University, Tallahassee, FL. April 15 - 16, 2019.
- 3) "Design Agent based Realtime Scenario Planning and Benchmarking for Salutogenic Environments," Union of International Architects, World Architecture Congress, UIA Seoul. 2017.
- 4) "The Future of Physical Infrastructure Miami & Resilient Smart City Panel," One Community One Goal Physical Infrastructure Access Conference, Miami, FL. April 13th, 2017.
- 5) "Miami Beach Urban Studios, Sea Level rise and the Public Realm: An Advanced Urban Design Studio in Miami & South Florida," Consulate of the Netherlands and ARCADIS, Miami, FL. Feb. 9, 2017.
- 6) "Carbon Neutral Buildings and Blue Infrastructures for Miami," SEA LEVEL RISE AND CIVIC TECHNOLOGY: AN OPEN DISCUSSION, Code for Miami, Miami, FL. February 27, 2017.
- 7) "Cross-American Experiences in an Ambitious Energy Reduction and Policy Implementation Project," ACSA 2016 International Conference, (with C Rosales), Santiago, Chile. June 29 - July 1, 2016.
- 8) "Carbon-Neutral Design Education and Practice in the Caribbean Region: A European Union funded Holistic Integrated Project Delivery Approach," ACSA 2016 International Conference, Santiago, Chile. June 29 - July 1, 2016.
- 9) "Innovative approaches for new developments for Smart Cities," The 3rd MEC International Conference, (with G Pannarelli and C Di Tonno), Muscat, Oman. March 15-16, 2016.

- 10) "Best Practices in Training in Sustainability, Climate Change Adaptation and Energy Efficiency of International Universities and Professional Organizations relevant to the Caribbean Region." 5th Caribbean Urban Forum (CUF5), UN-Habitat, St. Lucia, 2015.
- 11) "New Technological Design Protocols for Carbon Neutral Architectural and Urban Projects," MUNDANEUM Conference, Managua, Nicaragua, 2015.
- 12) "Total Building Automation for The Nearly Net-Zero-Fossil-Energy Q1 Thyssenkrupp Headquarter," 31st International PLEA 15 Conference on Architecture in (R)evolution, Bologna, Italy. September 9-11, 2015.
- 13) "Mitigate, Adapt, Sustain: Design Protocols for Carbon-Neutral Adaptive Blue Infrastructures," 2015 Rising Seas Summit, Association of Climate Change Officers, Boston, MA. 2015.
- 14) "Large-Scale Climate Change Responsive Parametric Design Projects," DOMUS Conference, Universidad Francisco Marroquín, Guatemala. 2014.
- 15) "Automating Green Practice," AIA-ACSA Intersections Conference, (with A Andia), Atlanta, GA, 2015.
- 16) "Towards Resilient best Practices: Net-Zero-Energy Building Designs," Grand Renewable Energy Conference, (with S Vassigh). Tokyo, Japan, 2014.
- 17) "Emerging Workflows, Techniques, and Design Protocols for Carbon-Neutral Buildings," 102nd Annual Meeting, Association of Collegiate Schools of Architecture, Miami, FL, 2014.
- 18) "SUSTAINABLE HABITAT FOR DEVELOPING SOCIETIES," 30th International PLEA (Passive and Low Energy Architecture) Conference, Ahmedabad, India, December 16 – 18, 2014.
- 19) "Topological and Parametric-Algorithmic Carbon-Neutral Design in Architectural Academia," Alfredo Emerging Carbon-Neutral Design Protocols for Tropical Architecture in Sea Level Rise Areas, (with A Andia). ACSA-AIA Conference, Washington, 2014
- 20) Eurosun 2014 - International Conference on Solar Energy and Buildings, International Solar Energy Society (ISES), Aix-les-Bains, France. 2014.
- 21) "Carbon Neutral Architecture – Best Case Studies," Congreso Internacional de Arquitectura 2013: Sostenibilidad – Patrimonio, San Jose, Costa Rica, 2013.
- 22) "New Industrial Design Protocols for Carbon Neutral Buildings." Association of Collegiate Schools of Architecture ACSA 101: NEW CONSTELLATIONS / NEW ECOLOGIES, San Francisco, CA, March 21, 2013.
- 23) "Climatic Tropism in Buildings: Designing with Natural Response Cycles for Better Performance," The 6th International Conference on Design Principles and Practices, UCLA, Los Angeles, CA. January 20, 2012.
- 24) "Designing and Manufacturing Zero-Fossil-Energy Buildings with 3D Parametric Performance Tools." The 6th International Conference on Design Principles and Practices, UCLA, Los Angeles, CA. January 21, 2012.
- 25) "Roadmap for Developing Low-Carbon Buildings and Cities in the United States by 2050," Conference on the Constructed Environment, University Center in Chicago, Chicago, IL. October 2011.
- 26) "Development and Moderation: Global benchmarking? Taking a Critical Look at the Resource Use and Performance of Sustainable Buildings in the U.S." Greenbuild International Conference, Chicago, IL. 2010.
- 27) "Measuring and Benchmarking: Local Examples, Global Perspective," Greenbuild 2010, International Forum, Federal Summit. Washington, DC. 2010.
- 28) "Legislating Green Buildings – Best Practice Examples from Europe and Asia," American Institute for Architects (AIA) Pasadena-Los Angeles, CA. 2009.
- 29) "Sustainable Energy Technology in Germany and the U.S." Centre of Applied Research on Sustainable Energy Technology, Los Angeles, CA. 2009.

Research Papers:

- 1) "New Industrial Design Protocols for Carbon Neutral Buildings." Association of Collegiate Schools of Architecture ACSA 101: NEW CONSTELLATIONS / NEW ECOLOGIES, San Francisco, CA. March 21, 2013.
- 2) "Entropy Processes in Low-Exergy Architecture," PLEA 2012, Opportunities, Limits & Needs, Towards an Environmentally Responsible Architecture, 28th International Conference on Low Energy Architecture, Lima, Peru. November 7-9, 2012.
- 3) "Transforming and Benchmarking a LEED certified University building into a Net-Zero-Energy Building in the Subtropics," 28th International, PLEA Conference 2012, Lima, Peru. November 7-9, 2012.
- 4) "AIA 2030 Carbon Neutral Building Challenge - Designing Net-Zero-Energy Buildings with Parametric 3D/4D-BIM Design Tools," 28th International PLEA Conference 2012, Lima, Peru. November 7-9, 2012.
- 5) "Designing with Parametric 3D-tools, Measuring and Benchmarking Carbon-Neutral-Architecture: Local Examples, Global Perspective." 2012 ACSA International Conference, Barcelona, Spain. June 20-22, 2012.
- 6) "Achieving the European and North American '2020-2030 Targets' of Net-Zero-Energy-Buildings with Parametric 3D/4D-BIM Design Tools," 2012 ACSA International Conference, Barcelona, Spain. June 20-22 2012.
- 7) "Topological and Parametric Temperatures in Architectural Academia," 2012 ACSA International Conference, (with A Andia), Barcelona, Spain. June 20-22, 2012.
- 8) "Climatic Tropism in Buildings: Designing with Natural Response Cycles for Better Performance." The 6th International Conference on Design Principles and Practices, UCLA, Los Angeles, CA. January 20, 2012.
- 9) "Designing and Manufacturing Zero-Fossil-Energy Buildings with 3D Parametric Performance Tools," The 6th International Conference on Design Principles and Practices, UCLA, Los Angeles, CA. January 21, 2012.
- 10) "Roadmap for Developing Low-Carbon Buildings and Cities in the United States by 2050." Conference on the Constructed Environment, University Center in Chicago, Chicago, IL. October 2011.
- 11) "GHG Reduction and Self-Actualization of a New Green Designer Society," Local-Identities-Global-Challenges, ACSA Fall Conference Houston, Association of Collegiate Schools of Architecture, Houston, TX. October 2011.
- 12) "From Theory to Practice in Measuring and Benchmarking Design/Build Sustainable Architecture: Local Examples, Global Perspective," Fifth International Conference on Design Principles and Practices, Rome, Italy. 2011.
- 13) "Innovative Building Integrated Micro-Generation Systems for Cooling and Dehumidification in Hot and Humid Climates," The 27th International Conference of Passive and Low Energy Architecture PLEA 2011, Louvain-la-Neuve, Belgium. July 2011.
- 14) "Tropical Architecture with Micro-Generation for Cooling and Dehumidification," First International Annual ATINER Conference on Construction, Architecture and Engineering, Athens, Greece. May 2011.
- 15) "From Theory to Practice in Measuring and Benchmarking Design/Build Sustainable Architecture: Local Examples, Global Perspective," Fifth International Conference on Design Principles and Practices, Sapienza University of Rome, Italy. February 2011.
- 16) "Global Benchmarking? Taking a Critical Look at Eco-Architectures," International Conference on Ecological Architecture 2010, Wessex Institute of Technology. April 13, 2010.
- 17) "Biomimicry and Circular Metabolism for the Cities of the Future." International Conference on The Sustainable City 2010, Wessex Institute of Technology, La Coruna, Spain. 2010.
- 18) "Case Study: German Low-Energy, Passive-House, and Plus-Energy-Buildings with Innovative Energy-Efficient Phase Changing Materials." BESS 2010: High Performance Building Enclosures – Practical Sustainability Symposium, Pomona, CA. May, 2010.

- 19) "Innovative Building Integrated, Solar-Assisted Air-Water Space Conditioning Systems with Dehumidification, and Thermo-Active Cooling Systems for Hot and Humid Climates," National Conference of the American Society for Solar Energy (ASES) 2010, 39th Annual National Solar Conference, 35th National Passive Solar Conference, 5th Renewable Energy Policy, Advocacy and Marketing Conference, 4th Energy Sustainability Conference of the American Society of Mechanical Engineers, Phoenix, AZ. May, 2010.
- 20) "Energy Efficient Buildings and Cities in the US," The POLYCITY Project: Visions of Sustainable Urban Energy Systems, European Commission and CONCERTO Research Initiative, Stuttgart, Germany, September 15-17, 2010.
- 21) "Designing Cities of the Future with the Principles of Biomimicry and Circular Metabolism," Fourth International Conference on Design Principles and Practices, Chicago, IL. February 13, 2010.
- 22) "E.U. Energy Performance Certificate Post-Occupancy-Evaluation-Case Studies," International Conference: The Passive and Low Energy Architecture PLEA 2009, Québec City, Canada. 2009.
- 23) "Creating a Sustainable Infrastructure and Zero-Fossil-Energy-Buildings for Santa Catalina Island." Solar 2008 Conference, ASES, American Solar Energy Society, San Diego, CA. 2008.
- 24) "EMS-Post-Occupancy-Monitoring and Building Energy Passport Implementation for the USC School of Architecture, L.A." Solar 2008 Conference, ASES, American Solar Energy Society, San Diego, CA. 2008.
- 25) "Innovative Phase Changing Materials." ACSA Material Matters: Making Architecture Fall Conference, Association of Collegiate Schools of Architecture, USC, Los Angeles, CA. 2008.
- 25) "Solar Powered Zero-Fossil-Energy-Buildings and Infrastructures for Catalina Island in Southern California," 7th International Conference on Solar Energy in Architecture and Urban Planning, European Commission, German Federal Ministry, World Council for Renewable Energy, Berlin, Germany. March 2008.
- 26) "Solar Architectural Site Alignment Strategies for Performance-Based Design," 7th International Conference on Solar Energy in Architecture and Urban Planning, European Commission, German Federal Ministry, World Council for Renewable Energy, Berlin, Germany. March 2008.
- 27) "Towards Passive, Adaptive Zero-Fossil-Energy-Buildings," 10th International Passive House Congress, Hanover, Germany. 2006.
- 28) "The Metropolitan Los Angeles as a Laboratory for the City as a Solar Power Station," 1st International Solar Cities Congress, International Solar Energy Society (ISES), UNITAR, ISCI, World Council for Renewable Energy, (with G Honlez), Daegu, Korea, 2004.
- 29) "Towards Zero-Energy Urban Infrastructures." UIA XXI World Congress of Architecture Berlin, Union Internationale des Architectes (UIA), Bertelsmann, Germany. 2002.
- 30) "Energy-Efficiency Retrofitting and Transformation of the FIU-College of Architecture into a Net-Zero-Energy-Building in 2018." The Solar World Congress, Cancun, Mexico. November 3-7, 2013.
- 31) "Diagnosing, Re-Designing and Transforming the FIU-PCA Building into a Net-Zero-Energy-Building," PLEA International Conference, Munich, Germany. September 21, 2013.
- 32) "Integrated Design Pedagogy in Energy Efficiency Design Education – Tools for Teaching Sustainable Design," BTES Building Technology Educators' Society Conference, (with S Vassigh, J Chandler, E Oezer), Bristol, RI. 2013.
- 33) "Design Pedagogy for Carbon-Neutral-Design Education," The Solar World Congress, (with S Vassigh and J Chandler), Cancun, Mexico, November 3-7, 2013.
- 34) "Mitigate, Adapt, Sustain: Emerging Workflows and Design Protocols for Subtropical Carbon Neutral H2 Cities," The 2013 ACSA Fall Conference, Fort Lauderdale, FL. October 17-19, 2013.
- 35) "Entropy Processes in Low-Exergy Architecture," 28th International Conference on Low Energy Architecture, Lima, Peru. November 7-9, 2012.

- 36) "Transforming and Benchmarking a LEED certified University building into a Net-Zero-Energy Building in the Subtropics," 28th International PLEA Conference 2012, Lima, Peru. November. 7-9 2012.
- 37) "AIA 2030 Carbon Neutral Building Challenge - Designing Net-Zero-Energy Buildings with Parametric 3D/4D-BIM Design Tools," 28th International PLEA Conference 2012, Lima, Peru. November 7-9, 2012.
- 38) "Energy Use and CO2e Reduction Benchmarking – Case Study: FIU's LEED Certified School of International and Public Affairs" 28th International Conference on Low Energy Architecture, (with N Pala and Y Kang), Lima, Peru. November 7-9, 2012.
- 39) "Designing with Parametric 3D-tools, Measuring and Benchmarking Carbon-Neutral-Architecture: Local Examples, Global Perspective," ACSA International Conference, Barcelona, Spain, 2012
- 40) "Achieving the European and North American '2020-2030 Targets' of Net-Zero-Energy-Buildings with Parametric 3D/4D-BIM Design Tools," ACSA International Conference, Barcelona, Spain. 2012.
- 41) "Topological and Parametric Temperatures in Architectural Academia," ACSA International Conference, (with A Andia), Barcelona, Spain. 2012.
- 42) "Dia-Para-Heliotropism for Parametrically Designing Carbon Neutral Plus Energy Buildings," International Biomimicry Symposium: 'Sustainability through Biomimicry: Discovering a world of solutions inspired by nature,' Dammam, Saudi Arabia. 2012.
- 43) "Parametric Carbon-Neutral 3D-Design with Climatic Tropism for Better Building Energy Performance," International Conference on Environment, Energy and Biotechnology, Kuala Lumpur, Malaysia. 2012.
- 44) "Designing Carbon-Neutral Plus-Energy-Buildings with Site Adaptive Heliotropism Cycles," World Renewable Energy Forum and American Solar Energy Society, Denver, CO. 2012.
- 45) "Diagnosing, Benchmarking and Transforming the LEED certified FIU-SIPA Building into a Net-Zero-Energy-Building (Net-ZEBs)," World Renewable Energy Forum (WREF) 2012, ASES American Solar Energy Society, (with N Pala and Y Kang), Denver, CO. 2012.
- 46) "A Dynamic and Context-Driven Benchmarking Framework for Zero-Net-Energy buildings," 2012 ASCE IWCCE International Conference on Computing in Civil Engineering, (with Y Kang, Y Zhu, and N Pala), Clearwater Beach, FL. 2012.
- 47) "Towards Zero Net Energy Buildings – Bridging the Gap Between Parametric 3D/4D-BIM Design and The AIA 2030 Challenge," World Renewable Energy Forum and American Solar Energy Society. Denver, CO. 2012.
- 48) "A New Carbon-Neutrality Designer Society: Greenhouse Gases Reduction and Self-actualization" Green Age 2012 - International Conference, Istanbul, Turkey. 2012.
- 49) "Achieving the Legal Net-Zero-Energy-Buildings '2020 Targets' with Parametric 3D/4D BIM Design Tools," International Conference Green Age 2012, Istanbul, Turkey. 2012.
- 50) "Two International Parametric 3D-Design Case Studies: Climatic Heliotropism for Better Building Energy and Life-Cycle-Performance," International Conference Green Age 2012, Istanbul, Turkey. 2012.
- 51) "GHG Reduction and Self-Actualization of a New Green Designer Society," ACSA Fall Conference, Association of Collegiate Schools of Architecture-Proceedings, Houston, Texas. 2011.
- 52) "Tropical Architecture with Micro-Generation for Cooling and Dehumidification." ATINER, First Annual International Conference on Construction, Athens, Greece. 2011.
- 53) "Innovative building integrated micro-generation systems for cooling, heating, and dehumidification in hot and humid climate zones," 27th International Conference on Passive and Low Energy Architecture, Louvan-la-Neuve, Belgium. 2011.
- 54) "Energy Efficient Buildings and Cities in the U.S." POLYCITY Final Conference 2010, European Commission CONCERTO Research Initiative, Stuttgart, Germany. 2010.

- 55) "Case Study: German Low-Energy, Passive-House, and Plus-Energy-Buildings with Innovative Energy-Efficient Phase Changing Materials." BESS 2010: High Performance Building Enclosures – Practical Sustainability Symposium, Pomona, CA. 2010.
- 56) "Innovative Building Integrated, Solar-Assisted Air-Water Space Conditioning Systems with Dehumidification, and Thermo-Active Cooling Systems for Hot and Humid Climates," 39th Annual National Solar Conference, 35th National Passive Solar Conference, 5th Renewable Energy Policy, Advocacy and Marketing Conference. 4th Energy Sustainability Conference of the American Society of Mechanical Engineers, Phoenix, AZ. May, 2010
- 57) "E.U. Energy Performance Certificate Post-Occupancy-Evaluation - Case Studies." 26th International Conference - The Passive and Low Energy Architecture, Québec City, Canada. 2009.
- 58) "ZERO-FOSSIL-ENERGY POWERED INFRASTRUCTURE AND BUILDINGS ON CATALINA ISLAND IN SOUTHERN CALIFORNIA." Seventh International Conference on Ecosystems and Sustainable Development, Chianciano Terme, Italy. July 2009.
- 59) "Large-Scale Infrastructure and Architecture CO2 Reduction Implementation Case Study, Santa Catalina Island," 2nd International Conference on Energy and Sustainability, Bologna, Italy. 2009.
- 60) "Landscape and Energy Efficiency: Development of a Computer Based Tool to Aid in the Design of Landscape to Reduce Energy Consumption in Low-Rise Residential Buildings," The PLEA 2009 Conference, (with A Osborne and M Schiler) Québec City, Canada. 2009.
- 61) "Development and validation of a U-BIM Model to mitigate the Heat Island Effect." The PLEA 2009 Conference, Québec City, Canada. 2009.
- 62) "POE, EMS, and Building Energy Performance Certificate Implementation at USC, L.A.," The PLEA 2009 Conference, Québec City, Canada. 2009.
- 63) "Case Study: Innovative Phase Changing Materials in Solar Architecture," ACSA Fall Conference 2008, Association of Collegiate Schools of Architecture, Los Angeles, CA. 2008.
- 64) "EMS–Post-Occupancy-Monitoring and Building Energy Passport Implementation for the USC School of Architecture, L.A.," Solar 2008 Conference, American Solar Energy Society, San Diego, CA. 2008.
- 65) "Creating a Sustainable Infrastructure and Zero-Fossil-Energy-Buildings for Santa Catalina Island." Solar 2008 Conference, ASES, American Solar Energy Society, San Diego, CA. 2008.
- 66) "Solar Powered Zero-Fossil-Energy-Buildings and Infrastructures for Catalina Island in Southern California." 7th International Conference of Solar Energy in Architecture and Urban Planning, European Commission, Brussels-Berlin. 2008.
- 67) "A Comparative Study of Bioclimatic Indicators in Southern California Native Plant Species and Architectural Site Alignment Strategies for Performance-Based Design" Solar 2008 Conference, ASES (with A Lee), San Diego, CA. 2008.
- 68) "Solar Access is Possible within the Constraints of Existing High FAR (Floor-Area-Ratio) Zoning in Downtown Los Angeles," Solar 2008 Conference, ASES, (with C Loghmani, R Knowles and D Noble), San Diego, CA. 2008.
- 69) "The Structural testing and potential applications for renewable bio-based composite materials in architecture," Solar 2008 Conference, ASES, (with J Cleveland, J Guh and J Dombrowa), San Diego, CA. 2008.
- 70) "Fiber reinforced Phenol foam's Structural Response to Moisture and Thermal Stress." 3rd European Conference on Composite Materials, Stockholm, Sweden. 2008.
- 71) "Structural Properties and Sustainable Assessment of Fiber Reinforced Phenol Foam," 5th International Conference, ACMBS-V, (with J Basbagil, G Schierle and S Nutt) Winnipeg, Manitoba, Canada. 2008.
- 72) "A building energy consumption simulation toward the application of sustainable design strategies. Case Study: Watt Hall," Virtual Building and Generative Design Conference, Oxford, UK. 2008.

- 73) "Window Solutions for a Low-Cost Housing Prototype for Tijuana, Mexico." Solar 2008 Conference, ASES, (with A Jeerage, M Schiler, and P La Roche) San Diego, CA.
- 74) "Zero Peak Residential Electric Demand: An Evaluation of Strategies for Eliminating Peak Residential Demand in California Climate Zone 10," SOLAR 2007, ASES, (with C Buntine, M Schiler, and M Milne), Cleveland, OH. 2007.
- 75) "Wind Turbine Integration: A Study of Building Shape and Orientation for Peak Power Generation," SOLAR 2007 ASES, (with J Ritter-Lopatowski and F Browand) Cleveland, OH. 2007.
- 76) "Thermal Comfort Performance Study of the Frank Lloyd Wright Freeman House," SOLAR 2006 ASES Conference, (with B Srahmbhatt, M Schiler, D Noble), Denver, CO. 2006.
- 77) "Towards Passive, Adaptive Zero-Fossil-Energy-Buildings," 10th International Congress on Passive Houses, Hanover, Germany. 2006.
- 78) "The Metropolitan Los Angeles as Laboratory for the Solar City and Power Station of the Future." Solar World Congress 2005 International Solar Energy Society Conference, (with G Honlez), Orlando, FL. 2005.
- 79) "Los Angeles Solar City of the Future," 1st International Solar Cities Congress ISCC, UNIP, ISES, ISCI (with G Honlez), Daegu, Korea. 2004.
- 80) "The Multi-Hybrid Home for the Rich and Poor in the Information Age," 3rd International Congress of the Asociación Nacional para la Vivienda del Futuro (ANAVIF), (edited by Luís De Garrido), Barcelona, Spain. 2003.
- 81) "Towards Solar-Zero-Fossil-Energy-Urban-Infrastructures." International GREEN MUNDANEUM 2003 Symposium of CR Architects Association, San Jose, CR. 2003.
- 82) "Building a Solar City Framework for Sustainable Communities," Universidad Del Desino, San Jose, CR. 2001.
- 83) "Solar Cities of Tomorrow –with or without the U.S.," International da-Vin-Ci Architecture Symposium at the Technical University Darmstadt, Germany. 2001.
- 84) "Solar City - Subtask C: Urban renewable energy technology and industry development." 3rd International Solar City Workshop at the International Energy Agency's SHC Task 30 Solar City Program, The Hague, The Netherlands. 2000.
- 85) "Visionen zur Abraumfoerderbruecke Boehlen II im Tagebau Zwenkau," Dachverein Mitteldeutsche Strasse der Braunkohle, Leipzig, Germany. 1999.
- 86) "Solar Experimental Architecture," V Encuentro Internacional de Arquitectura –UDLA Puebla, EXPERIMENTA V, Encuentro Internacional de Arquitectura e Interiores, Puebla, México. 1998.
- 87) "Thomas Spiegelhalter- Architectura, Ecocompa-libilita e sintesi tra architettura e arte, Edifici e serre per una nuova politica urbana," (with Di F, and M De), Abiotarea, Italy. 2000.
- 88) Spiegelhalter, Thomas, P. Drecker and A. Wolf. "Feasibility study for the environmental site evaluation and reactivation of abandoned industrial areas for the new urban development in the Ruhr Valley." EW, (Ruhrgebiet, Germany: Oestliches, 1998), 63 pgs., NPR.
- 89) Thomas Spiegelhalter, P. Drecker and A. Wolf. "Feasibility study for the environmental site evaluation and reactivation of abandoned industrial areas for the new urban development in the Ruhr Valley." (Germany: EW Oestliches Ruhrgebiet, 1998), 48 pgs., NPR.
- 90) Spiegelhalter, Thomas and J. Dittus. "Examples of Landscape Architecture J. Dittus with Thomas Spiegelhalter." in Landschaftsarchitekten -Landscape Architecture in Germany." (Wiesbaden: H.M. Nelte Verlag, 1997), 134-135.
- 91) "Klimawerkzeug Architektur, Solarenergieformen in der Umweltgestaltung." Oekologische, ökonomische und soziale Aspekte der Energieerzeugung aus regenerativen Energien, Umweltinstitut, Leipzig, Germany. 1995.
- 92) "Fassadenintegrierte Photovoltaik- u. Informationssysteme," Internationale Fachmesse und Kongress für Umweltinnovationen, Stuttgart, Germany. 1994.

- 93) Spiegelhalter, Thomas and Wilfried Lewitzki. "Innovative Holzbauweisen fuer den Wohnungsbau." (Düsseldorf, Germany: Deutsche Arbeitsgemeinschaft Holz e.V., 1993), 18 pgs
- 94) "Gravel Pit Architecture, Karl-Hofer-Preis 1990," Karl-Hofer-Symposium 1990, University of the Arts Berlin, Berlin, Germany. 1991.
- 95) "Sabliere, Drop-off II, Kieswerk IN SITU, Espace Vert, Pelouse des Ciments d'Origny," Les Ateliers Du Sundgau Nr.1, De Tout Bois-Installations-Expositions, CRAC, Centre Regional D'Art Contemporain Alsace, France. 1990.

Topic Chair:

- 1) "SESSION 3 – BREAKING EVEN: CARBON-NEUTRAL HIGH-RISE ENVELOPE DESIGN AND ENGINEERING FOR EXTREME TROPICAL CLIMATE IMPACTS," Los Angeles Façade Tectonics Conference: Emerging Strategies and Design Practices for Facade Systems, Buildings and Urban Habitat, Los Angeles, CA. March 22, 2019.
- 2) "Emerging Workflows, Techniques, and Design Protocols for Carbon-Neutral Buildings," 102nd Annual Meeting of the Association of Collegiate Schools of Architecture, Miami Beach, FL. April 10 - 12, 2014.
- 3) "Measuring and Benchmarking: Local Examples, Global Perspective" Greenbuild 2010, International Forum and Federal Summit, Washington, DC. May, 2010.
- 4) "Sustainable Energy Technology in Germany and the U.S." International Conference and Symposium, Sponsored by the German Ministry Technology Export Initiative, the State of Baden-Württemberg International, Daimler-Benz, Bosch, and the Zafh.net Centre of Applied Research on Sustainable Energy Technology, West Hollywood, Los Angeles, CA. November 8, 2009.
- 5) "Second International Energy Efficiency in Construction Symposium," LADWP Davidson Conference Center, Sponsored by LADWP Green Program, German Federal Ministry of Economics, BMI, Energy Efficiency Export Initiative, The Federal Ministry of the Interior of the Federal Republic of Germany, AHK San Francisco, GABA, USC Energy Institute, AIA Pasadena, Los Angeles, CA. March 10, 2009.
- 6) "Greening Architecture, Ethics, and the Environment, Lecture by Architect Ian Ritchie, London, Royal Academy, UK," (with M Chow), Sponsored by Award Visions and Voices, British Airlines, and AIA, Los Angeles, CA. January 21, 2009.
- 7) "Zero-Net-Energy Infrastructure and Sustainable Architecture Innovation Lecture by Architect Christoph Ingenhoven, Germany," Sponsored by: USC Energy Institute, GLUMAC, GENSLEER, AIA Pasadena, USGBC Chapter Los Angeles, USC Davidson Conference Center L.A., Los Angeles, CA. October 2, 2008.

4.

Research / Scholarship / Creative Work

Publications in Discipline 4a

Refereed Publications 4a-i

Non-refereed Publications 4a-ii

Lectures / Presentations / Conferences 4b

4a-ii – Non-refereed Publications

Publications on Thomas Spiegelhalter's Work:

- 1) "The Technological Design of Resilient Landscape – Il Progetto tecnologico del paesaggio resilient" (F Angelucci, R B Afonso, M D Sivio, D Ladiana) Milano: FrancoAngeli, 2015.
- 2) "A Critical History of Contemporary Architecture 1960-2010 - The Greening of Architecture" (P Tabb) London: Ashgate Publishing, 2012.
- 3) "La costruzione del paesaggio energetico - Centro Culturale e Sociale Breisach, progettato da Thomas Spiegelhalter" (F Angelucci and L Cavallari) Ricerche di tecnologia dell'architettura Milano: FrancoAngeli, 2011.
- 4) "For a Frugal Approach in Architecture - Scientific Committee" (F Gallanti) *ABITARE, International Architecture Magazine*, November 2010.
- 5) "Green Building Trends in Europe." (Y Yudelso) *Solar Townhouses Rieselfeld*, Washington DC: Island Press, 2009.
- 6) "Ecopolis: Architecture and Cities for a Changing Climate" (P F Downton) New York: Springer, 2009.
- 7) "Thomas Spiegelhalter, Doppelhaeuser am Kaiserstuhl, Ein Platz an der Sonne" (H Reiners, et al) In: Individuelle Doppelhaeuser & Reihenhaeuser, Munich: Callwey, 1998.
- 8) "Thomas Spiegelhalter, Projekt Visionen Thomas Spiegelhalter" (M Guadra) In: Visionen Berlin Karl-Marx-Allee, Architektenkammer Hessen und Berlin, German Museum of Architecture, Frankfurt, Hamburg: Junius, 1997.
- 9) "Architektur ist kein Zufall – drei andere Projekte, T. Spiegelhalter" In: Bausubstanz neu genutzt - Architektur individueller Arbeitsstaetten, (H Lerch), Stuttgart: Alexander Koch, 1993.
- 10) Drawing and Perceiving: Real-World Drawing for Students of Architecture and Design (D Cooper) 4th Edition, Hoboken: Wiley, 2007.
- 11) "Model Buildings, Thomas Spiegelhalter" In: ECO-Design Handbook, A Complete Sourcebook (A Fuad-Luke), London: Thames & Hudson, 2006.
- 12) Geschichte der Architektur des 20. Jahrhunderts (The History of Architecture in the 20th Century) (J Tietz) Cologne: Koenemann House, 1998.
- 13) "Living Spaces - Sustainable Building Design" (L E Abraham and T Fischer) *German Oeko Test*, Cologne: Koenemann House, 1998.
- 14) "Stacks – Garten Osterfeld, Bundesgartenschau Oberhausen" In: Schwarzes Tor und Koksbatte (P Drecker), Bottrop: Eigenverlag Drecker, 1998.
- 15) "Mensch-Farbe-Raum" In: Grundlagen der Farbgestaltung in Architektur, Innenarchitektur, Design und Planung, (B Rodeck, et al), Stuttgart: Alexander Koch, 1998.
- 16) Stadterweiterung Rieselfeld: Modell für eine wachsende Stadt (K Humpert) Stuttgart: AVA, 1997.
- 17) "Solar Architectural Sculpture by Thomas Spiegelhalter" In: Contemporary European Architects, Volume 5 (K Humpert and P Jodidio), Köln-London-New York-Paris-Tokyo: Benedikt Taschen, 1997.
- 18) "Visionen zur Karl-Marx-Allee Berlin" In: German Architect Chamber and German Architecture Museum Frankfurt, (M Cuadra), Hamburg: Junius, 1997.
- 19) "Neue deutsche Landschaft" (K D Neuman), *Ausstellungskatalog (Exhibition catalog)*, München: Kleiber-Wurm, 1997.
- 20) "Living Spaces - Sustainable Building Design" (L E Abraham and T Fischer) *German Oeko Test*, Cologne:

Koennemann, 1998.

- 21) "Aus zwei mach Drei, Dialog zwischen Lehre und Praxis" (R Burgard, A Gaiser, et al) Magistrat Stadt Frankfurt, 1996.
- 22) "Raumobjekte in der gebauten Schulumwelt" (M Cuadra and R Toyka) *Wüstenrot Stiftung, HISS*, Stuttgart: Klettverlag, 1996.
- 23) "Solar Cultural Center Breisach, Thomas Spiegelhalter" In: Handbuch zur Regenwassernutzung in der Architektur, Ökologische Konzepte (K W König) Germany: Staufen Ökobuch-Verlag, 1996.
- 24) "Energiesparhäuser: Eine neue Generation von Gebäuden" In: Niedrigenergiehaus Niederrimisningen, Architektur-Skulptur Breisach, (W Meyer-Bohe) Stuttgart: Deutsche Verlags-Anstalt, 1996.
- 25) "Metapher Beton - oder die Rettung der Architektur" (J M Fehlhaber) Cover Design *Solar Cultural Center Breisach*, Duesseldorf: Betonverlag, 1995.
- 26) "Thomas Spiegelhalter, Special Buildings" Architectural Houses 01- Architecture and Interior Design of Houses, Ediciones Atrium International, Volume 01, (F A Cerver), Barcelona: S.A. Ediciones Atrium International, 1994.
- 27) Endzeit Architektur - Architektur als Spiegel unserer Zeit (H Mund) München-New York: Prestel, 1994.
- 28) "Ansichten, Standpunkte der Architekturfotografie" (K Klemp) Mainz: Verlag Hermann Schmidt, 1994.
- 29) "Photovoltaic and Architecture - The Integration of Photovoltaic Cells in Building Envelopes" (O Humm and P Toggweiler) In: Photovoltaics in Buildings, International Energy Agency (IEA) in Paris, France (English, Italian, French, German), Basel-Boston-Berlin: Birkhaeuser, 1993.
- 30) "Neue Einfamilienhäuser" (H Reiners) Muenchen: Callwey Verlag, 1993.
- 31) "First Prize Mauerwettbewerb Thomas Spiegelhalter" Mythos Berlin: Konturen, Anmerkungen zu einem Wettbewerb, (L Scarpa) Berlin: Ästhetik Kommunikation, 1987.

Articles:

- 1) "ENVIRO-DESIGN: Adaptable Technology - Future Housing" ARCHI-TECH Residential Magazine, 2003.
- 2) "Architects Without Borders – German Architects in Foreign Countries. Part 7: USA, Report and Analysis" Deutsches Architektenblatt, Edition 4, 2003.
- 3) "Focus on USA: Towards Zero-Energy-Urban-Infrastructures, Sub-urban Growth and Environmental Injustice in USA" reFOCUS, International Renewable Energy Magazine, 2001.
- 4) "Solare Stadthaeuser" Unternehmen Umwelt - Freiburger Solarenergie Fuehrer, 1999.
- 5) "Klimawerkzeug Architektur - Grundsatz Ueberlegungen zum Sola-ren Bauen" Intelligente Architektur, Zeitschrift für Architektur, Gebäudetechnik, Facility Management, AIT, 1999.
- 6) "Gerettet, Umnutzung einer stillgelegten Förderbrücke in Klettwitz, Niederlausitz" AIT Architektur Forum, Innenarchitektur, Technischer Ausbau, 1998.
- 7) "Variables Wohnen - In der Bewegung denken, radikales recycling, die Wiederverwertbarkeit von Material, Konstruktion und verbrauchter Landschaft" Neue Medien, 1997.
- 8) "Modulares Konzept: Low-Cost Prototyp Entwicklung Solare Doppelwohnhäuser Ihringen" Intelligente Architektur, Architekturzeitschrift, AIT Spezial 5, 1996.
- 9) "Lebensmittel Wohnung - Europäischer Architektentag Trier 1993, Aufsatz: Experimentalbauten der Zukunft" Deutsches Architektenblatt, 1994.
- 10) "Form und Farbe in der Architektur" Das Deutsche Malerblatt, 1994.

- 11) "HOLZRAHMENBAU: Modifizierte Holzrahmenkonstruktionen, Experimentalprojekt Wohngewerbeanlage in Rackwitz bei Leipzig" *Baufachzeitschrift Neue Bundesländer* (with W Lewitzki), 1993.

TV-Documentaries/Videos about Thomas Spiegelhalter's Work:

- 1) "Finding Solutions to Sea Level Rise at FIU," Interview and Movie by Linda Flores, FIU School of Communication + Journalism, FIU Broadcast Media, 2017.
- 2) "AIA Pasadena-Foothill 2030 Agenda Launch (You Tube): 10 Educational Sessions with Thomas Spiegelhalter for the "AIA 2030 Challenge" Executive Producers: M Chow, AIA, Los Angeles, CA, 2010.
- 3) "Off the Grid" - Documentary Featuring Green Buildings and the Solar Decathlon 2007 in Washington, Executive Producers: M Chow, AIA, USC School of Cinema Prof. N Hollyn, M Oviedo (Co-hosted by Thomas Spiegelhalter), Los Angeles, CA, 2008-2009.
- 4) "Betonhaus in der Kiesgrube, Solares Kulturzentrum Breisach, (Gravel Pit Concrete Building - Solar Cultural Center Breisach)," Edited by Inka Bause for RTL, NORD-DEICH Television Produktionsgesellschaft, RTL-German TV, April 28, 2010.
- 5) "World's Most Extreme Homes, Eco-friendly Building, Breisach, Architect Thomas Spiegelhalter, Germany, HGTV," 26-part series, UK Pioneer Productions London, and USA, Post-Occupancy Documentation of the Solar Cultural Center in Breisach, first broadcasted on the HGTV-Channel in the US and later on EU Channels, April 2, 2007.
- 6) "architettura- film-music, Vol. 1," contribution architecture-sculpture, CAIPIRINHA video shows in New York City, 2000.
- 7) "Ratgeber Bauen und Wohnen: Solare Kulturzentrum Breisach," ARD, German TV, October 24, 2000.
- 8) "Architektur und Recycling," ZDF German TV Dr. Thomas Hocke, Deutsches Architekturmuseum, July-September 1994.
- 9) "Vernissage-Architekturskulpturen, Liveveranstaltung," Swiss TV: DRS Television Zürich, Switzerland, March 1993.
- 10) "Design-Symposium Architektur-Skulptur," German SWF-TV: W. Scherer Katholische Akademie, Architekturforum Freiburg (Chamber of Architects Suedbaden), Galerie Blau, SWF 2, March 1993.
- 11) "Schrottskulptur-Interview and Report," German SWF-TV: H. Brandenburg, M. Lämmle Landesumschau SWF 3, 1993.
- 12) "BERYL A- Architecturale Installation Kunstverein Freiburg," German SWF-TV: P. Krieg, W. Scherer SWF 3, 1993.
- 13) "Intl. Ideenwettbewerb zur Verstädterung der Berliner Mauer—Eismauer von T. Spiegelhalter," TV RIAS Berlin, March 1987.
- 14) "Schöner Wohnen im Beton Berlin —Thomas Spiegelhalter Kunst und Bauen," P. Voss, German ZDF TV, Heute Journal, Report, Interview: First Prize Schinkelpreis - Satellite High-Rise District Maerkisches Viertel, Berlin, 1986.

Reviews of Thomas Spiegelhalter's Work:

- 1) "FIU and Tsinghua University students team up for Solar Decathlon China 2013," (J Hellegard), FIU Newsletter, Miami, March 18, 2013.
- 2) "Resultado de Concurso Internacional - Fundecor ya tiene diseño para su nueva sede," (A Gonzales) La Nacion – Aldea Global, San Jose, Costa Rica, October 23, 2012.

- 3) "Building for the Future – FIU students compete to built country's best solar-powered house," (M Haro) FIU Newsletter, Miami, August 26, 2010
- 4) "USC Expands Green Courses and Programs," (M Bernstein) Azo-CleanTech News, Warriewood, Australia, December 11, 2008.
- 5) "USC heats up for the Solar Decathlon," (S Nelson) Los Angeles Times, August 31, 2003.
- 6) "Places: Finding beauty and meaning in a post-industrial landscape," (P Lowry) Post-Gazette Architecture Critic, Pittsburgh, PA, Feb 26, 2001.
- 7) "Point State Park renewal gets designers' attention," (P Lowry) Post-Gazette Architecture Critic, Pittsburgh, PA, November 2, 2001.
- 8) In: "Viva ecolóicamente: Alvaro Rojas y Thomas Spiegelhalter intercambian ideas sobre la bio-construcción en el mundo," (A Mart) La República, San Jose, Costa Rica, January 11, 2001.
- 9) "Sunny Outlook - CMU students envision solar-powered homes of the future," (C Rosenblum) Pittsburgh City Paper, 2001.
- 10) Ac. In: "Praezisionsarbeit nach Mitternacht: Laatzens Hauptstrasse hat endlich ihre Bruecke —Wie ein Ballett in Zeitlupe," Leine-Nachrichten, (Leine News), Germany, No. 161, July 2000.
- 11) "Watson Festival at CMU honors artists' multidisciplinary daring," (M Thomas) Post-Gazette Art Critic, Pittsburgh, PA, September 13, 1999.
- 12) "Brennpunkt Alltag: Fuer Solaranlagen gibt es billige Kredite," (B Janzing) Badische Zeitung, Freiburg, Germany, May 22, 1997.
- 13) "Mischwerk: Eine Kunstsulptur mit industrieller Vergangenheit-die aelteste Kiesabfuellanlage Badens," (Ehrenteich) Badische Zeitung, Freiburg, Germany, June 1999.
- 14) "Showtime im Betonwerk," (W Goeckl) Dossier: Dreiland-Zeitung fuer Suedwestdeutschland, Frankreich /Haut-Alsace-Nordwestschweiz, Redaktion Basel-Mulhouse-Freiburg, No. 19, Jahrgang 9, May 5, 1999.
- 15) "Industrie-Denkmal, Kulturmaschine, Kunstlandschaft Kies: Ein heiszes politisches Eisen - Das Besondere an der Gruen 99," (T Passlick) Gruen 99-Neues aus dem Dreilaendergarten, No.1., 1999.
- 16) "Industrie-Denkmal, Kulturmaschine, Kunstlandschaft Kies: Ein heiszes politisches Eisen - Das Besondere an der Gruen 99." (T Passlick) Gruen 99-Neues aus dem Dreilaendergarten, No.1., 1999.
- 17) "Interview: Gruen 99, Kultur zum Beispiel, Kulturspielplatz Kieswerk," (T Passlick) WILLA Kulturmagazin, Stadt Weil am Rhein, October 1998.
- 18) "Gruen 99: Erholungsraum mit starker Architektur, Treffpunkt BW: Zaha Hadid, Treppenturm: Joerg Schlaich, Transformierte Kiesabfuellanlage: Thomas Spiegelhalter," (A Vonmont) Basler Zeitung. Switzerland, April 1998.
- 19) "Das kuenstlerische Konzept der Gruen 99 —Kunst und Natur" (T Passlick) Gruen 99-Neues aus dem Dreilaendergarten, Weil am Rhein, No.4., November 1998.
- 20) "Haus als schoenes Abenteuer —Eine Skulptur zum Wohnen und Arbeiten (A House as a beautiful adventure – Sculpture for Living and Working)," (W Karst) Dreiland-Zeitung der Basler Zeitung (Three Country Triangle Newspaper of Swiss-France-Germany, newspaper in Basel, Switzerland). Forum 7, June 3, 1993.

4.

Research / Scholarship / Creative Work

Publications in Discipline 4a

Refereed Publications 4a-i

Non-refereed Publications 4a-ii

Lectures / Presentations / Conferences 4b

4b – Lectures / Presentations / Conferences

Public Presentations / Lectures:

- 1) "Carbon-neutral high-rise envelope design and engineering for extreme tropical climate impacts," Facade Tectonics 2020 World Congress (FTI WC2020). Face Time 2020: Better Buildings through Better Skins, Los Angeles, CA. *forthcoming* March 25-26, 2020.
- 2) "Carbon Neutral Scenarios for Food-Water-Energy Nexus Research Projects in Miami," International CRUNCH conference of participating Universities from UK, Poland, Netherlands, USA and Tapei, University of Eindhoven, *forthcoming* May 21-22, 2019.
- 3) "EU-Belmont: FIU-KEIO Food-Water-Energy Nexus Research Projects in Tokyo-Miami," Keio University Shonan Fujisawa Campus, Tokyo, Japan, *forthcoming* May 14, 2019.
- 4) "Resilience and Sea Level Rise Mitigation Research in Miami," American Institute of Architects, AIA Japan, Architects Regional Council Asia, ARCASIA, Kokushikan University, (with M Nepomechie, S Vassigh, and G Read), Tokyo, Japan, *forthcoming* May 11, 2019.
- 5) "The Water-Energy-Food Nexus: A new approach in support of Carbon-Neutral, Resilient and Biomimetic Energy-Water-Food Nexus Design," National Science Foundation RCN-SEES Conference on: Predictive Modeling Network for Sustainable Human-Building Ecosystems (SHBE), Workshop on Urban Sustainability: Social Actors, Policy and Governance, Florida State University, Tallahassee, FL. April 15 - 16, 2019.
- 6) "E.U. Belmont CRUNCH – Climate Resilient Urban Nexus Choices Workshop Conference," Olivia Business Centre, Gdansk, Poland. June 20, 2018 and Kuznia Wodna & Gdansk University of Technology, Gdansk, Poland, Sept. 12-13, 2018.
- 7) "Carbon-Neutral Architecture and Infrastructural Projects (Generative Coding, Scripting and BIM Scenario modelling)," Universidad Veritas, San Jose, Costa Rica. June 20, 2018.
- 8) "Parametricalgorithmic, Sealevelrise Building Design Solutions: Long-term Design Testing and Optimization Scenarios for Miami Beach Buildings in Florida," Twelfth International Conference on Design Principles & Practices, Special Focus: No Boundaries Design / Design No Fronteras, (with F Xu, U Grosso, and R Morbiducci) Barcelona, Spain, March 2018.
- 9) "Comparative International Carbon Neutral Campus Building Operation Strategies between University of Genoa and Florida International University in Miami," Twelfth International Conference on Design Principles & Practices, Special Focus: No Boundaries Design / Design No Fronteras, (with A del Borge) Barcelona, Spain, March 2018.
- 10) "Design Agent based Realtime Scenario Planning and Benchmarking for Salutogenic Environments," UIA General Session – Design Works, Sub Theme: Nature, Category or Topic: 9. Building Science & Engineering, Union of International Architects, World Congress, UIA Seoul, 2017.
- 11) "Sea Level Rise Adaptation and the Future of Coastal Cities," International GREEN SURF FESTIVAL (with R Morbiducci, F Xu, and U Grosso), Italy. July 16, 2017.
- 14) "Carbon Neutral Buildings and Blue Infrastructures for Miami," Sea Level Solution Center and the University of Pennsylvania, the Consulate of the Netherlands and Arcadis, Miami, FL. Feb. 9, 2017.
- 15) "Carbon Neutral Buildings and Blue Infrastructures for Miami," SEA LEVEL RISE AND CIVIC TECHNOLOGY: AN OPEN DISCUSSION (with U Grosso and F XU), Miami, FL. February 27
- 16) "Tallahassee," International MUNDANEUM 2013: VIII REUNIÓN INTERNACIONAL DE ARQUITECTURA NECESARIA, Granada, Nicaragua. June 13-15, 2013.
- 17) "Extreme tropical facades," International MUNDANEUM 2013: VIII REUNIÓN INTERNACIONAL DE ARQUITECTURA NECESARIA, Granada, Nicaragua. June 13-15, 2013.

- 18) "Micro-Climate Sensitive Carbon Neutral Architecture in the Neotropics – Cases Studies and Experiments," International MUNDANEUM 2013: VIII REUNIÓN INTERNACIONAL DE ARQUITECTURA NECESARIA, Granada, Nicaragua. June 13-15, 2013.
- 20) "Carbon Neutral Architecture - Best Case Studies." XI Internacional Congreso Arquitectura 2013, Sostenibilidad – Patrimonio – Educacion, Sponsored by Universidad, Colegio de Arquitectura de Costa Rica and Costa Rican Association of Engineers and Architects (Colegio Federado de Ingenieros y Arquitectos-CFIA), San Jose, Costa Rica. May 1-4. 2013.
- 21) "AIA + 2030 Building Sector Energy Challenge: 10 Sessions," Sponsored by American Institute for Architects (AIA) Pasadena-L.A., Los Angeles, CA. 2010-2012.
- 22) "No Architect Left Behind – Carbon Neutral Design: 4 Sessions," Sponsored by American Institute for Architects (AIA) Pasadena, Los Angeles, CA. 2012-13.
- 23) "Globally Benchmarked Buildings Versus Green Washed Buildings," AIA sponsored public lecture series with AIA credits, University of Maryland, College of Architecture, Planning, and Preservation, Washington D.C. January 26, 2011.
- 24) "Development and Moderation: Global benchmarking? Taking a Critical Look at the Resource Use and Performance of Sustainable Buildings in the U.S.," Greenbuild International Conference and Expo, Chicago, IL. November 19, 2010.
- 25) "Energy Efficient Buildings and Cities in the U.S." The POLYCITY Project - Visions of Sustainable Urban Energy Systems, Stuttgart, Germany. September 2010.
- 26) "Measuring and Benchmarking: Local Examples, Global Perspective," Greenbuild 2010, US Green Building Council, International Forum and Federal Summit, Washington D.C. May 19, 2010.
- 27) "Research Case Studies and POE's in Germany 1990-2003," FIU Energy Conference, Department of Engineering and Construction Management, Miami, FL. March 12, 2010.
- 28) "Ecology-Design-Synergy, Form Follows Performance." 10th International Mundaneum 2009 Symposium. IUCN International Union for the Conservation of Nature, Universidad del Diseño, San Jose, FUDEU Foundation for Urban Developments. San Jose, Costa Rica. June 2009.
- 29) BIM (Building Information Modelling) and Sustainability," AIA Los Angeles Computer Committee, Gin Wong Conference Center, USC, (with O Kimmon, K Kensek, and M Gangi), Los Angeles, CA. May 13, 2009.
- 30) "USC Green Development Conference," Panelist for International Green Building Benchmarking, Annenberg School for Communication, University of Southern California, Los Angeles, CA. April 18, 2009.
- 31) "International Energy Efficiency in Construction Symposium," Moderator, German Federal Ministry of Economics, BMI, AHK San Francisco, USC Energy Institute, AIA Pasadena, Los Angeles, CA. March 10, 2009.
- 32) "Legislating Green Buildings," The American Institute of Architecture Pasadena & Foothill and Design Within Reach, AIA, Pasadena, CA. March 6, 2009.
- 33) "Sustainability and Construction," International Sustainability Conference, Centro Nacional de Producción más Limpia, Alcaldía de Medellín, Medellin, Colombia. February 2009.
- 34) "FORUM: Is it possible to build sustainable cities in Central America?" International HABITAT-UN Conference, International Union for Conservation of Nature (IUCN), Holcim, Fudeu, IUCN/Mesoamérica, Colegio Federado de Ingenieros y Arquitectos Auditorium, San José, Costa Rica. November 26-28, 2008.
- 35) "Phase Changing Materials in Solar Architecture," ACSA: Material Ecology & Sustainability - Material Matters Conference, 2008 ACSA Association of Collegiate Schools of Architecture, USC Los Angeles, CA. 2008.
- 36) "Sustainability and Zero-Fossil-Energy-Architecture," Work Report, University of Minneapolis, MN. 2008.
- 37) "Performance based sustainability," Work Report, Lecture, University of Michigan, Ann Arbor, MI. March 2008.

- 38) "Performance Based Architecture and Systems Integration," Work Report, University of North Carolina. 2008.
- 39) "Energy Efficient Architecture," Work Report, Lecture, Technical University of Applied Research Cologne Germany. 2007.
- 40) "GREEN ON GREEN – Celebrating Urban Living. Presenting provocative ideas on Sustainable Urban living, Solar Cities, and Experimental Architecture," The American Institute of Architecture Pasadena & Foothill and Design Within Reach, Pasadena, CA. 2007.
- 41) "Innovations in Solar and Renewable Energy in Architecture - Transitions to a Renewable Future," USC School of Architecture Public Lecture Series, Los Angeles, CA. 2006.
- 42) "Keynote lecture: Look sustainable buildings different?" International Summer Academy for Architecture, Reurbanization and Sustainability, ars-Berlin, TFH Berlin and New York City CUNY, Sto-Stiftung, DAAD, Bauhaus Academy Berlin, Berlin, Germany. 2006.
- 43) "Opening Keynote Lecture for the Architecture Exhibition 2050 -Visions for Berlin." Vernisage at the German Ministry for Foreign Affairs in Berlin, ARS Berlin, Sustainable Designs of TFH Berlin, New York City CUNY, DAAD German Federal Foreign Office, Berlin, Germany. July 2006.
- 44) "Innovations in Solar and Renewable Energy in Architecture – Minnesota Architecture Transitions to a Renewable Future," 2nd Annual Earth Day Forum: College of Architecture and Landscape Architecture, University of Minnesota, CALA, USGBC Mississippi Headquarters Chapter Minnesota Pollution Control Agency, Sustainable Development Unit, AIA MN Committee on the Environment, Minneapolis, MN. April 25, 2006.
- 45) "Innovations in Green Architecture," Meeting the Sustainability Challenge: USC Center for Sustainable Cities Symposium, Los Angeles, CA. 2006.
- 46) "Zero-Fossil-Energy-Building-Design," Green Economy Forum Session 4, Earth Day Symposium, Audubon Society, and Audubon Center, Los Angeles, CA. 2005.
- 47) "Sustainable Performative Architecture and Urban Design," Atelier 1: Residenza, Atelier 2: Aree Industriali, Atelier 3: Vuoti Urbani, Università degli Studi D'Annunzio, Dipartimento di Technologie per l'Ambiente Costruito, Pescara, Italy. 2005.
- 48) "Experimental Architecture," International Symposia States of Mind – Design Evolution, University Tasmania, Launceston, Australia. 2004.
- 49) "Performative Urban Architecture," Forum for Architecture and Urban Design, Design College of Environmental Design, Department of Architecture, Cal Poly Pomona, Los Angeles, CA. 2004.
- 50) "Towards Solar-Zero-Fossil-Energy-Urban Building Infrastructures," SCI-Arc-2GA, Los Angeles, CA. 2003.
- 51) "Solar Architecture and Urban Reclamation, International Green Mundaneum Symposium." III Reunion Internacional de Arquitectura, City of San Jose and Universidad del Desino, San Jose, Costa Rica. 2003.
- 52) "The Solar Multi-Hybrid Home for the Rich and Poor in the Information Age," La Vivienda Sostenible en la Era Digital Contribution: Congreso Internacional Sobre La Vivienda del Futuro, Catalanian Architects Professional Association, the Catalanian Government, Asociacion Nacional para la Vivienda del Futuro ANAVIF, Barcelona, Spain. 2003.
- 53) "Industrial Design and Architecture," University of the Arts, Hamburg, Germany. 2003.
- 54) "Solar Architecture and Urban Planning." International Solar Architecture Symposium, A.I.A. Los Angeles, CA. 2002.
- 55) "Experimental Solar Architecture and Urban Planning," Convegno Internazionale, Involucri energetici, Strategy Innovative Per Le Sistema Fotovoltaico, DiTAC Dipartimento di Technologie per l' Ambiente Costruito, Pescara, Italy. 2002.
- 56) "Solar Cities of Tomorrow - with or without the U.S.," International Architecture Symposium da-vin-ci, Technical University Darmstadt, Schueco International, Hebel Porenbeton, Fels GmbH, Germany. 2001.

- 57) "Solar City Pittsburgh," IEA International Solar City Program Workshop, Melbourne, Australia. 2001.
- 58) "Under the Sun - With the Wind," Rice Design Green Spring Lecture Series, Museum of Fine Arts in Houston, TX. 2001.
- 59) "Climate Tools Architecture." Symposium City of Leipzig with Sister City of Houston, UH Houston, TX. 2001.
- 60) "Building a Solar City Framework for Sustainable Communities." Universidad del Desino, San Jose, Costa Rica. 2001.
- 61) "Solar City Pittsburgh, PA, San José, Costa Rica," IEA International Energy Agency - Solar City Program Workshop Lecture Series, The Hague, Netherlands. 2000.
- 62) "Experimental Solar Architecture," International Jill Watson Festival, Carnegie Mellon University, Pittsburgh, PA. 1999.
- 63) "Experimental Solar Architecture," International Congress of Experimental Architecture, V Encuentro Internacional de Arquitectura +UDLA, Puebla, Universidad de las Americas, Puebla V Congreso, Puebla, Mexico. 1999.
- 64) "Nachhaltige Architektur," University of Applied Science Stralsund, Germany. 1999.
- 65) "Sustainable Architecture." Department of Interior Architecture, University of Wales Institute Cardiff, UK. 1998.
- 66) "Climate Tools - Solar Buildings," National Scientific Expert Conference on Energy and Building Technology, HTWK Leipzig, Germany. 1998.
- 67) "Main Street Reclamation," G. H. School of Architecture, University of Houston, TX. 1998.
- 68) "Architecturale Visie of Antwerpse, Droogdokken." Gallery De Grote Wite Arend Antwerpen, Belgium. 1997.
- 69) "Critical consideration of former East German Architecture (DDR) by the example of the Karl-Marx-Allee," International Workshop, Hessian and Berlin Chamber of Architect Organization, Federal German Architecture Museum, Frankfurt, Germany. 1996.
- 70) "Tell me how you will build," Suedbaden Architect Organization, Südwestfunk Baden-Baden, Germany. 1996.
- 71) "The creation of Solar Hybrids," Università degli di Napoly," Federico II," Dipartimento di Progettazione Urbana Sezione Tecnologia e Ambiente, Italy. 1995.
- 72) "Climate responsive architecture - Solar energy forms in environmental design," Environmental Institute Leipzig, Germany. 1995.
- 73) "Aus Zwei mach Drei - neue Konzepte des Holzbaus," Deutscher Werkbund, Frankfurt am Main, Germany. 1994.
- 74) "Nachhaltige Architektur." Work Report - Lecture. University Stuttgart and Cottbus University, Germany. 1994.
- 75) "Lifestyle and Design." Lecture at Symposium Solar Cultural Center Breisach am Rhein, Gallery Blau, Freiburg. 1993.
- 76) "Experimental Housing – Between Laboratory and Playground." International Symposium Lebensmittel Wohnung, Architects Day, European Academy of the Arts, Trier, Germany. 1993
- 77) "Houses of the Future - Buildings and Environment - Low Energy Houses," University of the Arts, Hamburg, Germany. 1993.
- 78) "Innovative Holzbauweisen im Wohnungsbau," Holzbau 1993, Holzbautagung, Leipzig, Germany. 1993.
- 79) "Recycling in Civil Engineering and Architecture," Sustainability Symposium, Nachhaltigkeits-symposium, Frankfurt Airport GmbH, German Federal Ministry of Building and Housing, Bonn, Germany. 1992.

4.

Research / Scholarship / Creative Work

Creative Work 4c

Creative Professional Design/Built Work 4c-i

Creative Professional Master Planning 4c-ii

4c-i – Creative Professional Design/Built Work

DESIGN / BUILT WORK:

Built work is professional and creative work. Design/built work typically occurs through peer-reviewed or non-peer reviewed processes. For example, architectural design or engineering competitions or RFP's (request for proposals) are organized to solicit realization or conceptual proposals for specific projects. Blind, peer reviews are conducted by independent juries of selected professionals, agencies, and/or government officials to judge competitions and RFP's. Both can be held at regional, national or international levels. They can be open to all or limited (i.e. registered professionals). Thomas was the architect, engineer, and urban planner responsible or co-responsible for the design, the environmental systems, construction documents, permitting, assembly, and for the yearly POE's (Post Occupancy-Evaluations), including bioclimatic 'Clash Design Analysis' and 'Building-Energy-Performance Modeling and Benchmarking' of the following work: (Total approximate construction costs with Euro currency converter from April 2019: \$438 Million)

- 1) 301399 sf (28000 m²), 21 story, **Nueva Edificio Asamblea Legislativa** in San Jose, Costa Rica, Expert consultant Thomas Spiegelhalter for the Bio-climatic Design, BIM-Dynamo modeling, Computational Fluid Dynamics and RESET sustainable building rating system. Client: Bank of Costa Rica and Government., Local Architect J. Salinas. Project Honarium: Non Disclosure Agreement (NDA). Client: Government of Costa Rica, NOVATECNIA, Construction Cost: approximately \$100 million, 2016-ongoing.
- 2) **Smart City Kigali Realization Project in Rwanda.** Program size: 39 Hectare, Phase 2. Collaboration Team: Datumzero Design Office, Guillermo Garita, Bruce Goodman. Carbon-Neutral Design, Smart City Systems and Renewable Energy Infrastructure Consultant: Architect, Engineer Thomas Spiegelhalter (LEED AP). Well Community Standard Pilot Program A.P, Non Disclosure Agreement (NDA). Client: Ministry of Public Works, Rwanda Government, Africa. Construction Cost: \$120 million, 2019-2021.
- 3) **Sports City Miami Development,** Miami, FL., Client: Diaz-Reus Attorneys, Adventura Inc., Master Planner Spiegelhalter-Berenblum-Busch, Miami. Non Disclosure Agreement (NDA). Construction Cost approximately \$78 million, Planning stage / RFP: 2018-ongoing.
- 4) Renzo Piano's Pro Bono Paris Workshop for new **El Rodeo de Mora School in Costa Rica,** Climatic Design Consultant: T. Spiegelhalter, under the supervision of Profesor de Arquitectura, Principal Fournier Rojas Arquitectos, San Jose, Costa Rica. Client: Ministry of Education, with funding by the Renzo Piano Foundation of Genoa in Italy, the Fundación Botín of Santander in Spain, and pro bono work by Rojas Architects, 2012-2013.
- 5) Energy-Efficiency-Retrofitting Design Project for a 2,100 sf² Mixed-Use Building in Los Angeles, Exposition Park, 90037, CA. Budget: \$60,000, Partly Completed, 2011-2013.
- 6) **Uxarrací Project (post professional training center for architects and engineers) in Costa Rica.** (árq)² Fournier-ROjas ARQuitectos. Project Value: \$700,000. Completed, 2010.
- 7) Request for proposal - **Hot Spring Pools Project Near Arenal Volcano, Costa Rica,** with arg², Prof. A. Rojas, San Jose. Co-PI: Thomas Spiegelhalter for bioclimatic environmental design. Project Value: \$800,000. Completed, 2010.
- 8) Yearly **Post-Occupancy Building Energy Performance Evaluations** of 7 new and energy efficiency renovated buildings in the State of Baden-Wuerttemberg, Germany. **European Building Energy Performance Evaluation** in kWh/m²/a and CO₂e/kg/m²/a, Freiburg, Germany. 1996-ongoing.
- 9) **German 1000 Photovoltaic Roof Program and Solar Thermal Vacuum System Monitoring.** Yearly Performance Monitoring and Evaluation of Solar Thermal and PV Systems based on the German Feed-In-Tariff (FIT). Object: Solares Kulturzentrum Jakobschanze (Solar Cultural Center), 160.000 DEM / 81806 EUR, (Breisach, Germany. 1993-ongoing.
- 10) RFP High-Performance **Office Prototype Development,** Miami, FL. (Building Design w. U. Petzold + friends - Lighting), 2009-2010.

- 11) **3D-LED Signage Information & Orientation Systems for Santa Monica College Campus Buildings.** Collaborative Design with T. J. Drake, Golden Cane Media. 3D-systems: T. Spiegelhalter, Project Value: \$217,430.02. Completed. 2008-2009.
- 12) **High Rise Hotel San Jose**, Low-Energy-Student housing at UniDis, RFP -acquisition project, adjacent to Parque Morazán, PI: Prof. A. Rojas. Co-PI: T. Spiegelhalter, Sustainability consultation. Completed. 2008-2009.
- 13) Request for proposal (RFP) - **18 units student housing at UniDis** according to the new C.A.S. (F.A.R.) Zoning Plan with incentives for green building practices of the City of San José, Costa Rica. arg2. PI: Prof. A. Rojas. CO-PI: T. Spiegelhalter, Sustainability consultation. Completed. 2008-2009.
- 14) **Shopping Center Renovation and New Construction of a Low-Energy-Office-Building, Kirchzarten, Germany.** Structural Engineer: H. Rheinberger. Competition Consultation and Building Evaluation: T. Spiegelhalter. Client: DomiZiel GmbH. Project value: €3,600,000 (\$4,604,400.50). Completed. 2007-2009.
- 15) Renovation **IBA Health Pyramid (48'x48'x48'm), Gesundheitspark (Health Park). International Building Exhibition (IBA), Bottrop, Germany.** Architect: T. Spiegelhalter. Landscape Architect: Peter Drecker. Project Value: €32,000 (\$42,066.52). Completed. 2004.
- 16) Renovation and Extension of an existing 97-year-old 3500 sf² **Wood Frame Building**, 3500 sf², Exposition Park, Los Angeles, CA. Project Designer, Energy Concept: T. Spiegelhalter. Structural Engineer for Renovation (2003-2004): W.R. Shepphird, Structural Engineer for Extension (2004-2006): Harald Rheinberger. Project value: \$220,000.00, Completed. 2003-2006.
- 17) **International Suspension Steel-Wood Bridge Brug Over Het Maas-Schelde Kanaal, Belgium-Luxembourg. First Prize** Realization of the International "Concourse Construction Acier 2002" Competition (Santiago Calatrava 2nd Prize). 450 foot-span pedestrian and bicycle prototype suspension bridge "Brug Over Het Maas-Schelde Kanaal." PI: Project Architect: Thomas Spiegelhalter, Structural Engineers: Prof. Dr. Ingomar Belz, Stuttgart, and Harald Rheinberger, Freiburg. Freiburg, Germany. Project Value: €1,300,000 (\$1,708,952.28). Completed. 2002-2003.
- 18) **International Suspension Steel-Wood Bridge for the World Expo 2000 Park of the Senses connecting to the Solar City Kronsberg, Laatzen-Hanover, Germany.** Realization project 380 foot-span pedestrian and bicycle prototype suspension bridge. Client: City Laatzen-Hannover, Germany, Construction completion phase 2000, commissioned 2001. PI: Project Architect: Thomas Spiegelhalter, Structural Engineers: Prof. Dr. Ingomar Belz, Stuttgart, and Harald Rheinberger, Freiburg. Project Value €1,200,000 (\$1, 577,494.41). Completed. 2000.
- 19) **DGS (Deutsche Gesellschaft fuer Solare Energy) German Solar Recognition Award realization for two 3-storey Solar Low-Energy Town Houses in Ihringen, Germany.** Solar Houses are built to the Energiepass-Standard: 30-60 kwh/m²/a based on the DGS-Competition, The German Society for Solar Energy and ISES, International Solar Energy Society, and ECO-TEST Report Monitoring. Project Architect, Energy Concept: T. Spiegelhalter, Structural Engineer: H. Rheinberger, Freiburg. Project Value: €900,000 (\$1,183,120.81). Completed. 1999.
- 20) **Solar Powered Low-Energy Office (Energiepass-Standard: 30-60 kwh/m²/a) and Workshop Facility, Auggen, Germany.** Five work units in low energy platform construction with integrated passive and active solar thermal systems, photovoltaic systems, and rainwater harvesting system. PI: Architect, Energy Concept: T. Spiegelhalter, Assistants: U. Graffelder, Dorith Stark, Basel, Swiss. Structural Engineer: H. Rheinberger. Project Value: €2,600,000 (\$3,417,904.56). Completed. 1998-99.
- 21) **Three storey office building renovation with new restaurant extension, City of Neustadt, Germany.** 7.000 sf² conversion and modernization. PI-Architect: T. Spiegelhalter. Structural Engineer: H. Rheinberger. Project Value: €600,000 (\$788,747.21) Completed. 1998.
- 22) **Renovation and conversion of an 80.000 sf² Bank and Post Building in Neustadt, Germany.** PI Structural Engineer: H. Rheinberger; CO-PI Project Architect: T. Spiegelhalter. Project value: €650,000.00 (\$854,476.14). Completed. 1997-98.
- 23) **Conversion of a 60.000 sf² Cement Factory in Weil am Rhein, Germany.** Brownfield redevelopment and conversion design of a former factory to a mixed-use leisure and entertainment facility for cultural activities, exhibitions and performances. Client: International German-France-Swiss (Dreilaendereck) Country Garden Show Weil am Rhein. Completion and opening in 1999 as a new multimedia facility of the City of Weil am Rhein.

Sponsored by TÜV Southwest, the Federal Organization of the German Gravel and Sand Industry, German Organization of Transport Concrete, Southwest-Cement Stuttgart, Country District of Baden Württemberg and the City of Weil am Rhein. PI Architect: T. Spiegelhalter. Structural Engineer: H. Rheinberger. Project Value: €2,800,000 (\$3,680,820.30). Completed. 1997-99.

- 24) **Coal Promoting Mega-Steel-Bridge Transformation. International Expo-Application Project Leipzig-Zwenkau.** Master planning, redesign and part-renovation of 1,990 feet long and 262 feet high steel bridge of the abandoned coal mining area Zwenkau, Freiburg, Germany. Project Architect: T. Spiegelhalter. Structural Engineer: H. Rheinberger, Freiburg. Project Value: €2,800,000. (\$3,680,820.30). Completed. 1997-98.
- 25) **Low-Energy-Studio-Building (65 kwh/m²/a) with Workshop Units, March-Hugstetten, Germany.** Design realization, three storey mixed-use live/work units. PI Architect: T. Spiegelhalter, Structural Engineer: H. Rheinberger. Project value: ~€650,000 (\$854,476.14). Completed. 1997-98.
- 26) **Six Three-storey Solar Low-Energy-Town-Houses Stegen, Germany.** Design, concept planning, realization of six low-cost timber frame buildings, in low energy construction with integrated passive and active solar systems, and rainwater collecting systems. PI-Architect: T. Spiegelhalter. Structural Engineer: H. Rheinberger. Project Value: ~€1,800,000 (\$2,366,241.62). Completed. 1997.
- 27) **Six Landscape Pavilions for the International Building Exhibition (IBA), Bottrop, Germany.** Pavilion Design realization project with brownfield redevelopment for the Intl. Federal Garden Show Bottrop. PI Architect: T. Spiegelhalter. Landscape Architect: Peter Drecker, Bottrop. Project value: ~€260,000 (\$341,790.46). Completed. 1997.
- 28) **First Prize, International Building Exhibition Emscher Park (IBA) - Zeche Oberhausen-Osterfeld Master Planning and Conversion, Germany.** Master planning, brownfield redevelopment and realization of six bridges, towers, buildings, multi-media exhibition spaces, transformation to a mixed-use public recreation park of the German Federal Garden Show (540.000 sf²). Project location size: 3,5 km². Client: IBA, North Rhine Westfalis State and City of Oberhausen. PI: Architect/Designer: Thomas Spiegelhalter. Landscape Design: P. Drecker, J. Dittus, Structural Calculations: H. Rheinberger. Project Value: ~€48,000,000 (\$61,713,633.31). Completed. 1996-99. Post-Commissioned in 2000.
- 29) **Four Storey, Low-Energy (30-60 kWh/m²/a) Solar Town Houses Freiburg-Rieselfeld, Germany.** Design, realization of four 14.000 sf² prefabricated, mixed-use, low-energy buildings with EU- Funding, Solar City Freiburg Incentives. Town Houses are built in low energy construction, recycling materials, rain-water storage systems, and with passive and active solar systems, partly under support of the EUROPEAN COMMISSION DIRECTORATE GENERAL FOR ENERGY (DG XVII) THERMIE Project-No.: SE 517/94 DE/HE. Yearly Post-Occupancy-Evaluation and Systems Commissioning by contract (B 50 / B 57) for the Solar Thermal Systems and Photovoltaic Systems Revenue and Feed-In-Tariff, ECO-TEST Report with yearly real-time monitoring. PI-Architect, Energy Concept: Thomas Spiegelhalter; Structural Engineer: Harry Rheinberger, Freiburg. Project Value: €2,100,000 (\$2,760,615.22) Construction Completed. 1996.
- 30) **Three-Storey Low-Energy Residence Renovation, Glottertal, Germany.** Energy Concept: Th. Spiegelhalter. Structural Engineer: Harry Rheinberger, Freiburg. Project Value: €280,000 (\$368,082.03). Completed. 1996-97.
- 31) **Three Pedestrian and Bicycle Steel Bridges - Public Park Herten, Germany.** Brownfield redevelopment with new neighborhood connecting bridges of the transformed former coal mining area Herten. Developer: Landesentwicklungsgesellschaft North Rhine Westphalia. PI Architect/Designer: Th. Spiegelhalter, Landscape Planning: Peter Drecker, Bottrop. Structural Engineer: H. Rheinberger, Freiburg. Project value: ~€680,000 (\$893,913.50). Completed. 1995.
- 32) **Sculptural Environment PRO Ruhr Eurotec Moers, City of Moers, Germany.** Design realization project, brownfield redevelopment, re-adaptive-use and re-use, re-cycling and transformation of blasted steel parts of a disassembled coal mining tower to build thirty-eight 24-foot-high steel objects for a new developed landscape pedestrian and bicycle infrastructure. Landscape design with retention basins, and bioswales to re-connect adjacent neighborhoods and the new Eurotec working environments. Client: City of Moers, PRO Ruhr district, Eurotec Moers and the Ruhr Coal AG. PI-Landscape: P. Drecker. PI Architect/Designer: Th. Spiegelhalter. Structural Engineer: H. Rheinberger. Project value: €490,000 (\$644,143.55). Completed. 1994-95.
- 33) **Solar-Powered three storey Low-Energy-Buildings, Quasnitz-Lütschena, Germany.** Planning, realization of two experimental mixed-use Low-Energy-Buildings. PI Architect/Designer: T. Spiegelhalter. Structural Engineer: H. Rheinberger. Completed. 1994.

- 34) **Public Health and Leisure Park Bottrop, International Building Exhibition Emscher Park (IBA), Germany.** Project size: 1,3 km². First Prize realization competition project in the health park adjacent to the main hospital of the City of Bottrop. PI: Landscape Arch. P Drecker, J Dittus; PI-Architect: T. Spiegelhalter. Project value: €9,000,000 (\$11,831,208.10). Completed. 1993-98.
- 35) **Former four side Farmer Facility Conversion to new mix-used Live-Work Units, Rackwitz, Germany.** Realization planning for renovation, transformation, extension to a 160,000 sf² mixed use off grid solar low-energy living and working facility with recycled constructions and materials from the surrounding abandoned coal mining area. Architects: Th. Spiegelhalter and W. Lewitzki, Leipzig-Freiburg. Project value: €700,000 (\$920,205.07). NPR. Partly completed. 1993-94.
- 36) **Health Pyramid Bottrop - IBA International Building Exhibition Emscher Park, Germany.** First Prize competition realization. PI-Architect: Th. Spiegelhalter; Landscape Architect: Peter Drecker, Jochen Dittus. Structural Engineer: H. Rheinberger. Project Value: €185,000 (\$243,197.06). Completed. 1993.
- 37) **Squash and Tennis Center, Weil am Rhein, Germany.** 280.000 sf² low cost renovation and modernization project. Architect: T. Spiegelhalter. Project value: €450,000 (\$591,727.50). Completed. 1992-93.
- 38) **Trade and Fair, Leisure and Entertainment Center Redevelopment with New Additions, Lörrach, Germany.** Renovating, programming and designing a '460.000 sf² extension tract' with discotheque, hotel infrastructure, fair tower, offices, conference facilities, pavilions. PI-Architect: Th. Spiegelhalter. Structural Engineer: H. Rheinber. €730,000 (\$959,913.50) Partly Completed. 1992-93.
- 39) **Concrete Recycling Facility, Breisach, Germany.** Landscape and facility machinery integration with PR (visual communication) planning. PI: T. Spiegelhalter. Completed. 1992.
- 40) **Solar Low-Energy Cultural Center with multimedia exhibition and performance hall, Breisach, Germany.** Planning, realization of a mixed-use working and living facility with an integrated multimedia exhibition and performance hall, green roofs, passive and active solar systems, rainwater harvesting, and sewage treatment on site. Solar systems performance monitoring by the German 1000 PV-Roof Program, Fraunhofer Institute for Solar Systems, Leipzig (1994-1998), and yearly Badenova PV revenue performance feed-in-tariff evaluation. Architect and Energy Concept: T. Spiegelhalter. Structural Engineer: H. Rheinberger. Project value: €2,300,000 (\$3,024,388.00), Completed. 1992.
- 41) **Large-scale Multimedia Installation Beryl A, Kunstverein (Art Society) and Architekturforum Freiburg, Germany.** Design realization for an exhibition of a future infrastructure and town landscape in the year 3000. Project value: €30,000 (\$39,448.50), Completed. 1992.
- 42) **Low-Energy-Buildings (120 housing units), Rueckmarsdorf, Germany.** Sustainable master plan prototype realization. Master plan concept: T. Spiegelhalter and C. Bucher, Leipzig. Partly Completed. 1992.
- 43) **Office and Warehouse, Breisach, Germany.** 12,000 sf² low cost, energy-efficiency renovation, with solar PV system implementation and solar powered electrical car charging station. PI-Architect: T. Spiegelhalter. Structural Engineer: H. Rheinberger. Project value: €980,000 (\$1,288,651.00). Completed. 1991-92.
- 44) **Three family-houses with studio workshop, St. Peter, Germany.** 3800 sf², energy-efficiency renovation, and 1260 sf² extension. Yearly utility performance monitoring. Project value: €320,000. (\$420,784.00). Completed. 1990-92.
- 45) **Solar three storey Low-Energy-Building (65 kwh/m²/a), Niederrimsingen, Germany.** Active and passive solar thermal collectors, thermal mass heating and cooling, green roof system and rainwater collection. PI-Architect: T. Spiegelhalter. Structural Engineer: H. Rheinberger. Project Value: €435,000 (\$572,003.25). Completed. 1990-91.
- 46) **High-rise satellite district Märkisches Viertel (11.000 housing units), Berlin, Germany.** First Prize Design and Realization in International Schinkel Prize competition. Project "Beiratsverfahren Gisel" (Task Force Gisel) in the area of the Charly-Chaplin-School. Client: GeSoBau Berlin in collaboration with the German Ministry for Building and Town Planning, Ministry of Transport, Building and Urban Affairs. Project Coordinator: GeSoBau Berlin. Project value: €22,000,000 (\$28,928,900.00), Completed. 1988-90.

4.

Research / Scholarship / Creative Work

Creative Work 4c

Creative Professional Design/Built Work 4c-i

Creative Professional Master Planning 4c-ii

4c-ii – Creative Professional Master Planning

Sustainability Master Planning, Competitions, and Consulting Projects:

(Total approximate master planning and consulting costs with Euro currency converter from April 2019: \$258 Million)

- 1) **Smart City Kigali Realization Project in Rwanda.** Program size: 39 Hectare, Phase 2. Client: Ministry of Public Works, Rwanda Government, Africa. Collaboration Team: Datumzero Design Office, Guillermo Garita, Bruce Goodman. Carbon-Neutral Design, Smart City Systems and Renewable Energy Infrastructure Consultant: Architect, Engineer Thomas Spiegelhalter (LEED AP). Well Community Standard Pilot Program A.P, Client: Ministry of Public Works, Rwanda Government, Africa. NDA, Construction Cost: \$120 million, 2019-2021.
- 2) 3rd Rank: Invited (Sponsored) Competition for **KRAFTWERK** “Freiraumgestaltung im Umfeld des Künstlerdorfes” in Schöppingen (Artist Colony Schoeppingen) in collaboration with Buero Drecker, Germany. Project value: \$1.85 Million. Competition Completed. 2017.
- 3) **Innovation City Ruhr Modell City Bottrop**, Germany. 2020 Master Plan Development with Climate-Responsive Innovation Guidelines and CO2e emission reduction of 50 % by 2020. Water and Energy Retrofitting strategies and policies with new innovative renewable energy resource infrastructure development projects between 2014 and 2020. Planning Group: Architecture and Town Planning: PI: Speer + Partner, Frankfurt, Germany; Landscape Architecture and Open Space Design: PI: Peter Drecker, Bottrop-Berlin-Hanover, Germany with Consultant Thomas Spiegelhalter, Miami Beach, USA; Gertec, Essen, and Conlab Engineering Office, Düsseldorf, Germany. Overall Project Director (President): Burkhard Drescher, Innovation City Management GmbH. 2013-2015.
- 4) **Teatro Regional de la Serena, Chile**, International Design Competition, City: la Serena. Sponsor: Ministry of Public Works, Chilean Government. Program size: 8,600 sq mt. Large theatre for 1,000 and small theatre for 300 ppl. 200 car parking. Team: Architecture: Alfredo Andia, Gregorio Vasquez, Fernando Palma. Bioclimatic analysis, calculations and design advisor: Thomas Spiegelhalter. Acoustical engineer: Andres Barrera,. Project value: \$25 Million. Competition completed. 2012.
- 5) Simulation and 3D-Design for a 400m (1312 feet) three array 117 kWp **Photovoltaic System and Sound Protection Wall Realization Project along the ‘Autobahn 28’**. City: Bottrop, Germany. Client: Innovation City Management GmbH, Bottrop. Design: PV-Architecture: Thomas Spiegelhalter, Miami-Freiburg; Landscape Architecture: Peter Drecker, Bottrop, Germany, Project Value: €4 Million. (\$5,259,600) 2011-12.
- 6) **Concurso Para Propuesta De Conceptualizacion Nuevo Edificio Del Museo Del Jade Del Instituto Nacional De Seguros**, National Design Competition (Costa Rica Jade Museum) with PI Alvaro Rojas Fo-RoARQuitectos Fournier- Rojas ARQuitectos, Ciudad Colón, Costa Rica, CO-PI Thomas Spiegelhalter (Architecture, Bioclimatic Design, Environmental Controls and HVAC Systems). Program size: 250,000 sf², Project value: \$8 Million. Competition completed. 2011-2012.
- 7) **Passive House Design Analysis and Title 24 - Implementation Consultation, Gangi Residence, Los Angeles** - Pasadena. Client: Architect Mark Gangi Builders, AIA; Bioclimatic and Environmental Design Consultant: Thomas Spiegelhalter. Project Value: Undisclosed. Completed. 2010-2011.
- 8) 380 hectares **Energy-Settlement Master Plan Development (Nullenergiesiedlung)**. Project Area: Oberhausen-Dinslaken, Germany. Phase 1: Environmental impact assessment of the Thyssen-Krupp brown field area in Oberhausen-Dinslaken, Phase 2: Climate responsive, and resource balanced master planning with sustainability indicators for a low-carbon, zero-fossil-energy settlement proposal (Nullenergiesiedlung). PI: Peter Drecker, Office for Landscape Architecture and Environmental Development, Bottrop, Germany, with Architect CO-PI: Thomas Spiegelhalter, Freiburg - Los Angeles. Client: Thyssen-Krupp, Oberhausen. Project Value: Undisclosed. Status: Completed. 2007-2008.
- 9) **CRA Sustainability Planning and Design Consultation Services for the CRA/LA**. (Community Redevelopment Agency City of Los Angeles. RFP selected and awarded for three-year projects. PI's: Michael Lehrer, Mark Gangi and Thomas Spiegelhalter. Completed. 2008.

- 10) **Sustainability Building Guidelines, POE's, Implementation for all new and renovated Catalina Island Facilities, California.** Client: Catalina Conservancy Company w. City of Avalon, CA. PI for Sustainability Guidelines Development: Thomas Spiegelhalter. Project value: 146 total buildings with an estimated value of \$120,000,000 (\$157,794,000.00). Analysis and scenario planning completed. 2008-2009.
- 11) **Shanghai Expo 2010 Master Plan, Pruxi Park, China.** Program size: 480 hectares. Client: Urban Land Institute for Construction and Design, Shanghai. Phase 1: Theme Park Development and Massing with Climate Responsive Urban Master Plan. Phase 2: Withdrawn due lack of retainer payment. Collaborators: Urban Land Institute for Construction and Design, Shanghai; Peter Drecker, Office for Landscape Architecture and Environmental Development, Bottrop, Germany with Architect Thomas Spiegelhalter, Freiburg-Los Angeles. Planning Budget \$20,000. 2007-2008.
- 12) **Masterplan Development New Aqua Park, Krasnodar, Black Sea, Russia.** Consultation and development for a Climate Responsive Urban Master Plan. Client: Landscape Architect Peter Drecker, Bottrop, Germany. Planning Budget: \$20,000. Completed. 2006-2008.
- 13) **Finalist - International Caltrans Design Realization Competition, Design proposal: Zero-Fossil-Energy-Green-Rest-Stop Facilities, CA, USA.** Competition Area: California, De-sign Prototype for all new Caltrans Rest Stops. Proposal: Zero-Fossil-Energy-Green-Rest-Stop Facilities. Architects: Thomas Spiegelhalter with Aaron Bentley, Los Angeles; Peter Drecker, Landscape Design, CA, 2006.
- 14) **Finalists - International Design Realization Competition Spielbudenplatz Hamburg, Germany.** Urban Design Redevelopment Proposal for Reeperbahn Area. Architects: Thomas Spiegelhalter, Freiburg-Los Angeles, Peter Drecker Landscape Architect, GreenBox, Duesseldorf, Artist Prof. Timme, Academy of the Arts Muenster, Germany. Project value: \$2Million. Completed. 2004.
- 15) **Finalists - International Building Exhibition Competition IBA Fürst-Pückler-Land, Germany. Lausitzer Seenland, Landmarke Lausitzer Seenland proposal with Off-the-Grid Restaurant and Outview Tower.** Architects: Thomas Spiegelhalter, Freiburg-Los Angeles, Peter Drecker Landscape Architect, Germany. Project value: \$8 Million. Completed. 2004.
- 16) **International Competition - Sustainable and Energy-Efficient Malama Learning Center, Maui, Hawaii, USA.** Building Type: 25.000 sf2 facility on a three-acre campus parcel with Ecosystem Learning and Demonstration Building Modules. Architects: Thomas Spiegelhalter, Christoph Kapeller, Mitchell de Jarnett, Los Angeles, CA. Project value: \$6 Million. Completed. 2003-2004.
- 17) **Finalist Two-Phase International Urban Design Realization Competition Redevelopment Alexanderplatz Berlin.** Design Concept: High-Rise Building and Inner-City Piazza Design. Architects: Thomas Spiegelhalter, Freiburg - Los Angeles; Peter Drecker, Landscape Architect, and GreenBox, Duesseldorf, Germany. Project value: \$4 Million. Completed. 2003-2004.
- 18) **Solar-Zero-Fossil-Energy-Building Exposition Park, L.A., CA.** 1250 sf² prototype development. PI: Th. Spiegelhalter. Project Fundraising Value: \$650,000. Not Completed. 2003-2006.
- 19) **BP Solar Photovoltaic Factory Design and Realization, Hameln, Germany.** Collaboration with Steve Lee, CMU Pittsburgh, PA. Contract: \$15,000. Completed. 2002.
- 20) **Three Storey Experimental Solar Town Houses, Duisburg, Germany.** Design Project Study for City of Duisburg. Completed. 2000-03.
- 21) **Under the Sun: An Outdoor Exhibition, NYC. Traveling exhibition design for Copper-Hewitt-National Design Museum, New York.** Built/research contribution Solar Architecture Breisach with integrated 7 kW PV System, 140 sf² solar thermal system, Germany. Sponsored by BP Solar, BP America and Science Across the World, U.S. DOE, EPA, and others. Completed. 1998-2001.
- 22) **Duftmuseum (Parfum & Smell Museum) in Cologne, Germany.** Sustainability and design jury consultation. Contract: €8,000 (\$10,519.60). Completed. 1998.
- 23) **Satellite High-Rise Redevelopment Project District Leipzig-Gruenau, Germany. Urban 21 Planspiel, Expert planning workshops, redevelopment master plan.** Completed. 1998.

- 24) **Coal Promoting Mega-Steel-Bridge, Zwenkau at Leipzig, Germany.** Design feasibility study and master planning for renovation, retrofit and transformation to a leisure and entertainment 1,990' by 262' Mega-Structure. Project Value: €1,450.000 (\$1,864,266.01). Completed. 1997.
- 25) **Coal Promoting Mega-Steel-Bridge, Klettwitz, Germany.** Design feasibility study and master planning for renovation, retrofit and transformation to a leisure and entertainment 1,990' by 262' Mega-Structure. Project Value: €1,200.000 (\$1,542,840.83). Completed. 1997.
- 26) **Conversion of Cement Factory, Weil am Rhein, Germany.** Expert design and technology feasibility study for re-adaptive-use of abandoned factory. Consultation: €25,000. (\$32,873.75). Completed. 1997.
- 27) **Critical Reclamation Karl-Marx-Allee Berlin (former Stalin Alee), Germany.** International design feasibility planning workshop, sponsored by the German Architecture Museum and Chamber of Architects, Completed. 1997.
- 28) **German-French Military Brigade, Müllheim, Germany.** Expert feasibility study to design/built a new public entrance area. Client: Ministry Paris. Master plan design project. P. Gross, Architect, Weimar. Budget: \$10,000. Completed. 1997.
- 29) Transformation of the **Dry Dock Infrastructure in Antwerp, Belgium.** Master plan design project. Completed. 1997.
- 30) **Urban Redevelopment Studies for Abandoned Industrial Areas in the Ruhr Valley, Germany.** Two feasibility studies with environmental site evaluation for the redevelopment of the East Ruhr Valley, size 380 km². In collaboration with P Drecker, Landscape Architect. Project Study Value: €56,000. (\$73,637.20). Completed. 1997.
- 31) **Architettura e leggerezza - Architecture and Lightness, The Transfer Technology (MURST), Napoli, Italy.** Design study cooperation on light-weighted Architecture with the Università Degli Studi di Napoli Federico II, Dipartimento Di Progettazione Urbana, Sezione Tecnologia e ambiente, Arch. Carlo Truppi. Published by Maggioli Editore, Naples, Italy. Completed. 1994-96.
- 32) **International Zoo Festival Hannover, Germany.** Expert design feasibility study for the new entrance design of the Zoo Hannover. In collaboration with P. Drecker (Landscape). Project value: €290,000 (\$381,335.50). Completed. 1994.
- 33) **Solar Low-Energy-Town Houses with Energy-Infrastructures, Ostfildern, Germany.** In collaboration with V. Harbauer (Landscape Architect). Completed. 1994.
- 34) **Concepts of Wood Buildings - New Approaches for Building in a Time of Low Public Budgets, Frankfurt, Germany.** In collaboration with W. Lewitzki, Architect, Leipzig. Project value: €25,000 (\$32,873.75). Completed. 1994.
- 35) **New Church Conference Center, German Protestant Church, Bad Herrenalb, Germany.** In collaboration with W. van Aaken. Project value: €29,000,000 (\$38,133,550.00). Completed. 1992-96.
- 36) **Ciments d'Origny d'Altkirch, France.** Design feasibility study for the transformation of the cement silo infrastructures in Altkirch. Completed. 1992-93.
- 37) **Ecological settlement with 380 housing units, Bahlingen-Riedlen, Germany.** Design feasibility study. In collaboration with G. Duerr, Architect. Project feasibility study value: €10,000 (\$13,149.50). Completed. 1992-93.
- 38) **Logo motive - ecological settlement with 242 housing units, Weil a. Rhein, Germany.** Design feasibility study. In collaboration with G. Duerr, Architect. Project feasibility study value: €8,000. (\$10,519.60). Completed. 1992-93.
- 39) **Russian Military Infrastructure and Landfill Area Redevelopment, Magdeburg, Germany.** Design feasibility study. In collaboration with. P Drecker and J Dittus (Landscape architects). Project feasibility study value: €8,000 (\$10,519.60). Completed. 1992.
- 40) **126 abandoned Gravel Pit Factories.** Conceptual research studies for re-adaptive use, renovation, and architectural transformation to self-sustained living and working facilities along the River Rhine between France and Germany. Study cost: €60,000 (\$78,897.00). Completed. 1988-92.

Exhibited Work:

- 1) "Teatro regional de la Serena, Chile (Regional Theater of La Serena)." Competition Exhibition: Ministry of Public Works, Coquimbo Region, Cirujano Videla 200, La Serena, Chile. Sponsor: ministry of public works, Chilean government. February-April 2012.
- 2) "For a Frugal Approach in Architecture." Exhibition. Promoted by the Bruno Zevi Foundation, International Symposium, "Valle Giulia", Faculty of Architecture, Rome, Italy. In collaboration with: NAI - Netherland Architecture Institute, Centre de recherche Ville Société Territoire, Ecole Polytechnique de l'Université François Rabelais de Tour, Ecole nationale supérieure d'architecture de Grenoble, Ecole nationale supérieure d'architecture de Paris la Villette, Agenzia nazionale per le nuove tecnologie, l'energia e lo sviluppo economico sostenibile, Facoltà di architettura "Valle Giulia" - Università di Roma La Sapienza, AACUPI - Association of American College and University Programs in Italy Fondazione Volume! January 2011.
- 3) "Uxarrací Project for a post professional training center for architects and engineers in Costa Rica Selected Contribution." In: "Architecture of Necessity, exhibition within the larger Wood 2010." Exhibition at the Virserum Art Museum in Virserum, Smaland, Sweden. May 2010.
- 4) PER UN' ARCHITETTURA E UN' ARTE FRUGALE, Exhibition, Conference Bruno Zevi Foundation, Rome, Italy. In collaboration with: Architectural Association School of Architecture. November 2009.
- 5) EMS-Post-Occupancy-Monitoring and Building Energy Passport Implementation for The USC School of Architecture. L.A, Poster Exhibition, Solar 2008 Conference, ASES, American Solar Energy Society, San Diego, CA. 2008.
- 6) Solar architectural site alignment strategies for performance-based design. Poster Exhibition, EUROSOLAR, "Sun and Sense" 7th Intl. Conference for Solar Energy in Architecture and Urban Planning, Berlin, Germany. 2008.
- 7) Triennale di Milano-Sustainable Architecture. International Exhibition, Milano, Italy. 2006.
- 8) Climate Adaptable Solar-Zero-Fossil-Energy-Building Prototype. 10. International Passive House Conference 2006, Hanover, Congress Centrum, Germany. 2006.
- 9) Green Stop-Zero-Fossil-Fuel Prototype. International CalTrans Green Stop Competition Exhibition, Sacramento, California. 2006.
- 10) Design Alexanderplatz Berlin. Intl. Urban Design Competition, Berlin, Germany. 2004.
- 11) Re-development Spielbudenplatz Hamburg - Reeperbahn. International Design Competition Exhibition, Hamburg, Germany. 2004.
- 12) Sustainable Malama Campus High-School Learning Center, 2003 Meritorious Award. Intl. Architectural Design Competition Exhibition, City of Kapolei, Hawaii, USA. 2003-2004.
- 13) First Prize, Concours Construction Acier. Suspended Bridge, Exhibition Centre Information Acier, Brussels, Luxembourg-Belgium. 2003.
- 14) Towards Zero-Fossil-Energy Urban Infrastructures. Urban Models in Dialogue -Poster Traveling Exhibition," XXI World Congress of Architecture Berlin 2002, UIA Union Internationale des Architectes. 2002.
- 15) Solar Decathlon CMU Demonstration Building. National Mall in Washington, NREL DOW, EPA, BP, USA. 2002.
- 16) TERRITORIES - Contemporary European Landscape Design. Exhibition contribution at Harvard University, Harvard Graduate School of Design, Cambridge, USA. 2000-2001.
- 17) Singapore University Urban Design. Exhibition: Intl. Singapore University Urban Design Competition, Malaysia. 2000.
- 18) Bridge to the Park of the Senses in Laatzen. Exhibition. World Expo 2000 Hannover, City Laatzen-Hannover, Germany. 1999-2000.

- 19) Le Jardin des Deux Rives. 4th Price International Realization Competition exhibition, Strasbourg, France. 1999-2000.
- 20) German Solar Recognition Award for the Solar Townhouses Ihringen. Exhibition the German Society for Solar Energy. 1998.
- 21) Redesigning disposable eight by ten high-rise housing units. Exhibition. Satellite district of Leipzig-Gruenau, Federal Ministry of Environmental Planning Bonn, and Urban Development Bonn, City of Leipzig, Germany. 1998.
- 22) Re-use and Transformation of the Mega-Coal-Mining-Promoting-Bridge Zwenkau. Expo-Application-Project, Competition Exhibition City of Leipzig, South Leipzig Area, Germany. 1998.
- 23) GlobalWorkSpirit: Fast forward Architecture Leipzig. Exhibition G D. Hines College of Architecture, UH Houston. 1998.
- 24) Bundesgartenschau Karlsruhe Urban Design. Competition exhibition, BGS Karlsruhe, Germany. 1998.
- 25) BGS Berlin-Hellersdorf Urban and Landscape Design. Competition exhibition, Berlin, Germany. 1998.
- 26) 2nd prize - Redevelopment master plan coal mining area of Espenhain-South Leipzig. National Expert Design Competition exhibition, City of Leipzig, Germany. 1998.
- 27) Expo-Project: Re-use and Transformation of Coal Mining Promoting Bridge Klettwitz. Brandenburg. Competition exhibition Federal Office Kleine Elster, Brandenburg, Germany. 1997.
- 28) Design transformation study for the abandoned cement factory infrastructure of the Country Federal Garden Show Weil am Rhein. Exhibition, sponsor City of Weil of Rhine, Germany. 1997.
- 29) Transformation of the dry dock infrastructure of Antwerp, Belgium. Design exhibition gallery De Grote Wite Arend Antwerp with Henry Van De Velde Instituut Antwerp, City of Antwerp, Havenbedrijf Antwerp and others, Belgium. 1997.
- 30) Art Museum Linz, Austria. Intl Design Realization Competition exhibition, City of Linz, Austria. 1997.
- 31) German-French military brigade Müllheim, Germany. Competition exhibition. Sponsor: Ministry Paris, France. 1997.
- 32) Under the Sun - An Outdoor Exhibition. Cooper Hewitt National Design Museum New York German Contribution: Solar Architecture – Thomas Spiegelhalter, BP Solar, US DOE. 1996-2000.
- 33) Zeche Osterfeld Oberhausen. International Building Exhibition Emscher Park (IBA) City of Oberhausen. 1996-1999.
- 34) Critical Reiteration of architecture in the former East Germany (DDR) by the example of the Karl-Marx-Allee Berlin. Exhibition Hessian and Berlin Architect Organization, Federal German Architecture Museum in Frankfurt, Germany. 1996.
- 35) Fragment und Anamorphose – Thomas Spiegelhalter. Exhibition. Gallery Blau, Prof. Dr. Langner, University of Freiburg, Germany. 1996.
- 36) Solar Elementary and High school in Ihringen. Competition exhibition School District Breisgau, Germany. 1995.
- 37) Constantini Art Museum. International Design Competition Exhibition Constantini Art Museum, Buenos Aires, Argentina. 1994.
- 38) Sculptural Environments in Eurotec Moers. Exhibition. City of Moers, PRO Ruhr District, Moers, Ruhr Coal AG, Germany. 1994.
- 39) Ecological building exhibition in Quasnitz, Lütschena. Competition exhibition, Luetschena by Leipzig, Germany. 1993.

- 40) German Architecture Awards for Buildings of Concrete 1993. Travelling exhibition Freiburg and Cologne, Germany. 1993.
- 41) Haeuser der Zukunft, Bauen und Umwelt. Travelling exhibition BHW, Bundesumweltministerium (Ministry of the Environment) Bonn, Germany.
- 42) Helmholtzplatz Prenzlauer Berg Berlin. Intl, Urban Landscape Design Competition exhibition, Germany. 1993.
- 43) Intelligent Buildings- Klimawerkzeug Architektur. Traveling Exhibition University of Kaiserslautern, Department of Architecture, Town Planning, Gallery "Der Raum", AEDES Berlin, Publisher House J. Haeusser, Darmstadt, Germany. 1993-1996.
- 44) Master Plan Vauban-Freiburg. Intl. Urban Landscape Design Competition exhibition, Freiburg, Germany. 1993.
- 45) Three Out of Two - New Concepts for Wood Buildings, New Approaches for Building in a Time of Low Public Budgets. Exhibition AEDES Berlin, City Department of Frankfurt, Kerto Intl., German Forest Economy, Bonn, Germany. 1993.
- 46) Special Recognition Award Kindergarten, Daycare, Offenburg. Competition exhibition, Offenburg, Germany.
- 47) Institute of Pharmacy and Pharmacology. Design competition exhibition, University of Freiburg, Germany. 1992.
- 48) Public Library and Media Center Building Lörrach. Recognition Award Exhibition City of Loerrach, Germany. 1992.
- 49) High School Buildings Stuehlingen. Design award realization competition exhibition in Stühlingen, Germany. 1992.
- 50) New Church and Conference Center for the Southwest German Protestant Church Organization. Design Realization Exhibition Bad Herrenalb, Germany. 1992.
- 51) Experimental Solar Low Energy Cultural Center Breisach. Exhibition Architekturforum Freiburg, Kunstverein Freiburg, Regierungspraesidium Freiburg, Chamber of Architects Suedbaden, Germany. 1992.
- 52) Municipality Town Hall in Offenburg. Design Award realization competition exhibition, Offenburg, Germany. 1992.
- 53) New Headquarter and Sewage Treatment Facility for the Sewage Federation Breisgauer Bay in Freiburg. Design Award realization competition exhibition, Freiburg, Germany. 1992.
- 54) Karl-Hofer-Award Berlin. Research project exhibition of the Karl-Hofer-Gesellschaft, Berlin, Germany. 1992.
- 55) Transformation of the former Russian military infrastructure and landfill area of Magdeburg. Awarded competition exhibition, Bundesarchitektenkammer, City of Magdeburg, Germany. 1992.
- 56) Beryl A - virtual infrastructure town landscape in the year 3000. Exhibition. Multimedia installation, Art museum Kunstverein Freiburg, Architecture Forum Freiburg, Art Society Freiburg, Gallery Blau, Freiburg, Germany. 1992.
- 57) Monumental installation in situ/Espace Vert (Pelouse) des Ciments d 'Origny. Exhibition Ministere de la Culture, Conseil Regional d' Alsace, Regio Basiliensis, Haut Rhin, France. 1991.
- 58) JAMITH, Avner Levav (Israel) - Thomas Spiegelhalter (Berlin/Freiburg) - Ari Nahor (Kibbutz Afikim, Israel). Group installation, video and exhibition, Staedtische Galerie Schwarzes Kloster, Freiburg, Germany. 1990.
- 59) Gravel Pit Architecture, Kieswerk Architekturen Thomas Spiegelhalter. Exhibition Gallery AEDES and Architekturforum Berlin, Germany. 1990.
- 60) Experimentum Hominis. Architekturinstallation and Video: 6. Exhibition. Deutscher Kunst- und Therapiekongress in Kassel (6th German Congress of Art and Therapy), Kassel, Germany. 1989.
- 61) Westend-Komplexbrigade. Exhibition. Monumental multimedia installation European Year of Culture 1988, Berlin, Germany. 1988.

- 62) 1st prize Satellite High-Rise Design District Märkisches Viertel Berlin. Exhibition, German minister for building and town planning, GeSoBau, Berlin, Germany. 1988.
- 63) 1st Prize Project Berlin Ice Wall Mitigation. Exhibition Intl Urban Design Competition, Mythos Berlin GmbH, Museum at Checkpoint Charlie, Berlin, German. 1987.

4.

Research Grants / Scholarship / Reports

Research Grants / Contracts 4d

4d – Research Grants / Contracts

Competitive Funded Research in Progress at FIU and other Universities:

- 1) **CRUNCH, Climate Resilient Urban Nexus Choices, Research Urban Living Labs (ULL)** in South End on Sea/London, UK; Glasgow, UK; Eindhoven, NL; Gdansk, Poland; Uppsala, Sweden; MIAMI, USA; Taipei, Taiwan. Urban Europe, EU Commission, Belmont Forum, Intelligent Europe, Sustainable Urbanization Global Initiative (SUGI). **Sub-Award: City of Miami, South Miami**, Consultant: FIU GIS, STANTEC, 2018-2021. PI Miami ULL: T Spiegelhalter, Consultants: I A. Elias, T. Troxler, J. Brasil, S. Lehmann, GIS Jennifer Fu. Research Graduate Student Leader Darren Ockert.. Budget: \$1.9 Million (\$490,000 for FIU CARTA) February 1, 2018 – April 1, 2021.
- 2) **CRUNCH FIU at The International Architecture Exhibition at Italian Pavilion - Venice Biennale 2020.** 2000 sqm surface. **RESILIENT COMMUNITIES AND REGENERATION OF SUBURBS. PARTNERS:** 5 Institutions in 5 countries already sent a Letter of Interest to participate in the event, which are: Munich, Las Vegas, Dubai, Auckland, Portsmouth, and FIU ARC Miami (CRUNCH). PI: A Melis, UK, Co-PI's partner universities among them CRUNCH PI T Spiegelhalter. Budget: Italian Ministry 600,000 EUR, 300.000 EUR by industry partners. May 23 – November 29, 2020
- 3) CIF21/DIBBS/EI/VIFI: **Virtual Information-Fabric Infrastructure (VIFI) for Data-Driven Decisions from Distributed Data.** Sponsor: University of North Carolina at Charlotte; Period: October 2016 September 2020. PI: William Tolone. Co-PI's: Stanislav Djorgovski, Yong Tao, Mirsad Hadzikadic Ehab Al-Shaer.; Senior Investigators: Thomas Spiegelhalter, others. Award \$3,999,531.00. 2016-2019.

Completed Funded Research

- 1) Grant Assistance (CFDA) Number: 19.750, Department of State Bureau of Western Hemisphere Affairs. **Energy and Climate Partnership of The Americas (ECPA) Energy Efficiency Competition.** PI: Camilo Rosales, Architecture; Co-PI: Thomas Spiegelhalter, Architecture; Brian Fonseca, FIU Advanced Research Center (ARC) Budget: \$799,099.00. Period: 2013-2016.
- 2) **Predictive Modeling Network for Sustainable Human-Building Ecosystems (RCN-SEES: SHBE).** National Science Foundation. Tao, Yong X., PI; University of North Texas, Co-PI's: Zhu, Y., LSU; Lam, K.P., Cartes, D.A., Tolone, W.J.. Senior Personnel: Spiegelhalter, T., Hadzika-dic, M., Feiock, R., Thompson, R., Yan, W., Menassa, C., D'Souza, D.; Nepomechie, M. \$652,846. 2013-2018.
- 3) **Agent Based Design Technology and Automation in the Sustainable Built Environment,** Cejas Family Foundation. \$1,500. 2014-2015.
- 4) **Assessment of Programmes of the Built Environment in the Caribbean Higher Education and of Best Practice Training in Sustainability in other International Universities,** Intelligent Europe – European Union, University of the West Indies, Trinidad-Tobago. \$20,000. July 2014-December 2014.
- 5) US Environmental Protection Agency (EPA) Assistance Award: **“On Track to Carbon Neutral Buildings & 66.516 - P3 Award: National Student Design Competition for Sustainability.”** PI: Yimin Zhu. Co-PI's: Thomas Spiegelhalter, ARC; Nezi Pala, Shu-Ching Chen, Computer Engineering; Senior Personell: Ismail Guvenc, Electrical Engineering. Budget: Phase 1: \$15,000, Period; August 2013 – August 2014.
- 6) Paul Cejas Initiative Research Grant **No Architectural School Left Behind – NET-ZEB Masterplan. Analysis, Scenario Modelling and Master Planning for the transformation of PCA to a Net-Zero Energy Building complex.** SEED Budget: \$3,000. 2012-2013.
- 7) **Solar Decathlon China Competition. Joint Project of Tsinghua University (THU) in China and FIU.** Funding: \$100,000 (\$30,000 for FIU), Status: Ongoing. Source: US Department of Energy, National Energy Administration China (Subcontract through Tsinghua University) Advisory Faculty: FIU-Architecture: M. Nepochemie, T. Spiegelhalter; FIU Department of Construction Management: Yimin Zhu; FIU Department of Electrical Engineering: N. Pala; FIU Department of Mechanical Engineering: Chen-Xia Lin. Amount: \$30,000, Period: 2012-2013.

- 8) U.S. Environmental Protection Agency (EPA), Technology and Science, P3: **“People, Prosperity and Planet Student Design Competition for Sustainability”**. Research Object: FIU SIPA. Spiegelhalter, T., PI; Pala, N., PI; Zhu, Y., PI. \$30,000. 2013-2014.
- 9) **District 11 Strategic Development Plan Project, Community Engagement Grant**, Not peer-reviewed. The project is a planning and development study for District 11, Miami-Dade County Commissioner's Office. The research project examines existing urban conditions including physical conditions, traffic analysis, and economic, social and demographic data to develop strategic development guidelines for this unincorporated area of Miami-Dade County. Architecture. Budget: \$95,733. Period: May 2013 – December 2013.
- 10) **Solar Decathlon China 2013, FIU, Tsinghua University**, ‘O’ House. U.S. Department of Energy and National Energy Administration China. \$100,000. 2012-2013.
- 11) **An Open-Source Integrated Computing Infrastructure to Support the Life Cycle Design and Engineering of High-Performance Building**. FIU-CEC Seed Grant (Project ID: 800000879): Case Study – FIU-SIPA. Zhu, Y., FIU PI; Nepomechie, M., Co-PI and Faculty Advisor, Architecture; Spiegelhalter, T. Co-PI. \$30,000. 2012-2013.
- 12) **Cyber Enabled, User Oriented, Interoperability Modeling for Engineering Sustainable Built Environments**, US | China Workshops. National Science Foundation 1207807, 1242177. Tao, Y.X., University of North Texas, PI., Co-PI's and SI's: Jiang, Y., Tsinghua, China; Lam, K.P., CMU; Spiegelhalter, T., FIU; Zhu, Y., FIU; Tolone, W., UNC; Tan, H., Tongji, China; Nader, R., UNT; Yan, D. (Manager) Tsinghua, China; Hadzikadic, M., UNCCU, Menassa, C., UWisc, Feiock, R., FSU, Deng, K., Barooah, P, Stan, I., Cao, Y., Cartes, D. \$600,000. 2011-2013.
- 13) **Solar Decathlon FIU PerFORM[D]ance House**, U.S. Department of Housing and Urban Development. Nepomechie, M. PI; Spiegelhalter, T., Rovira, R., Rosales, R., Zhu, Y., Co-PIs. Peterson, E. SI. \$13,800. 2011.
- 14) **Solar Decathlon FIU PerFORM[D]ance House**, Skanska, MC Harry, BNi, PMM, Project Caine, Professional Services + Materials [In Kind]. Nepomechie, M., PI. \$250,000. 2011.
- 15) **SET Structural and Environmental Technology Lab**. FIU Technology Fee, Spiegelhalter, T., PI; Vassigh, S., PI. \$67,000. 2008-2010.
- 16) **Building Literacy: The Integration of Building Technology and Design in Architectural Education**. U. S. Department of Education. Vassigh, S., PI. Co-PIs, Senior Personnel: Spiegelhalter, T., Chandler, J., Danford, S., English, K., Khan, O., MacKay, K., LeCuyer, A., Özer, E., and Winer, E. \$553,000. 2007-2011.
- 17) **SET Structural and Environmental Technology Lab. SET Structural and Environmental Technology Lab** - an applied research, design and educational facility for advancing knowledge in the area of environmental and structural technologies and design. Project Team PI's: Thomas Spiegelhalter, Shahin Vassigh. Department Chair: John Stuart; deans: Adam Drisin, Brian Schriener. Construction value: \$350,000. 2011-2013.
- 18) **An Open-Source Integrated Computing Infrastructure to Support the Life Cycle Design and Engineering of High-Performance Building**. FIU-CEC Seed Grant Award (Project ID: 800000879): Case Study - FIU-SIPA campus building. Interdisciplinary Research: FIU-PI: Shu-Ching Chen, SCIS; Co-PI's: T, ARC; Y Zhu, CM; Scott Graham, SCIS Steve Luis, SCIS; N Pala, ECE; S Vassigh, ARC. Funding: \$30,000. 2011-2012.
- 19) **US-China Workshop for Cyber Enabled, User Oriented, Interoperability Modeling for Engineering Sustainable Built Environments, Beijing**. NSF Award #: 1207807 and 1242177. (12/11-11/13). PI: Yong X. University of North Texas; Tao, CO-PI's: Yi Jiang, Tsinghua University, China; K P Lam, Architecture, CMU; T Spiegelhalter, Architecture, FIU; Y Zhu, FIU; W Tolone, UNC; H Tan, Tongji University, China; R Nader, UNT; D Yan (Workshop manager) Tsinghua University, China; Mirsad Hadzikadic, UNCCU, C Menassa, WISC, R Feiock, FSU, K Deng, P Barooah, I Stan, Y Cao, D Cartes. Grant: \$59,552. 2011-2012.
- 20) **DOE/ NREL Solar Decathlon 2011 Competition**. Application Phase Sustainability Graduate Spring Studio 2010 Submission (Phase 2) November 2009 –December 2011. Principal Investigator: M Nepomechie, Co-Principal Investigators: C Rosales, T Spiegelhalter, S Vassigh, R Rovira, S Sherman, Y Tao, G Bitsuamlak, Y Zhu. Grant: \$100,000. Total Solar Decathlon House Cost incl. travelling, accommodation: approximate \$750,000. 2010-2011.
- 21) **Technology Fee Grant. Florida International University, Environmental and Structural, Technology Laboratory (ESTL)**, Equipment grant for establishing ESTL. T Spiegelhalter, Co-Pi, with CO-Founder and Co-PI S Vassigh. Grant: \$67,000. 2009-2012.

- 22) **Building Literacy: The Integration of Building Technology and Design in Architectural Education. U.S. Department of Education**, Fund for the Improvement of Postsecondary Education, Project developed an educational simulation environment to teach sustainability and systems integration in building design. PI: Shahin Vassigh. CO-PI's, Senior Personnel: T Spiegelhalter, J Chandler, S Danford, K English, O Khan, K MacKay, A LeCuyer, E Özer, and E Winer. Grant: \$553,000. 2009-2011.
- 23) **The E.U. URBACT Program for the re-development of cities and neighborhoods with energy efficient housing models.** In collaboration with Prof. G Panarelli, DiTAC (Department of Technologies x'for the Built Environment) at the University of Pescara, Italy. 2006-2010.
- 24) **Environmental Management System Implementation (EMS) and Post-Occupancy-Monitoring at the USC School of Architecture**, Energy-Efficiency-Retrofits, USC-FFEI Applied Research. (USC-Provost's Research No. 22-1102-9130). Grant: \$25,000. Project values approximate \$125,000. 2007-2009.
- 25) **Sustainable Infrastructure Assessment, and Near-Term Action Plan for the Island of Catalina.** Project size: 194.19 km². PI Infrastructure: Dr. M. Bernstein, PI Buildings with infrastructures: T. Spiegelhalter. Grant: \$60,000. 2007-2009.
- 26) **Towards sustainable urban housing bridging the gap between community design and adaptable technology.** USC Urban Initiative, Los Angeles. Research Contract: \$10,000. 2005-2009.
- 27) **Solar Zero-Fossil-Energy-Building-Development** (22-1101-1051). USC-SURG SEED Fund \$10,000. 2003-2009.
- 28) **Solar Decathlon Design and Engineering Proposal.** (53-4100-3820). NREL Research SEED Fund \$5,000. 2003-2009.
- 29) **CMU Solar Decathlon Building Realization with POE's, 950 sf² two story Solar Building, Pittsburgh, and Washington D.C.** (Completed Solar Building Post-Occupancy Monitoring Report, "Solar Decathlon 2002", DOE/GO-102004-1845, June 2004). Project Partner: CMU School of Architecture Completed. Sponsors: NREL National Renewable Energy Laboratory, U.S. DOE, EPA, Solar BP, Heinz Endowment. PI's and Faculty Advisors S Lee (Phase 2, 3), T Spiegelhalter (All Phases 1, 2, 3), and CMU graduate students. Project value: approximate \$350,000. 2000-2002.
- 30) **Solar City Research Program Development for Pittsburgh, PA, and San Jose, Costa Rica.** Subtask-A: Solar City Community Strategies and Sustainable Urban infrastructure development; Sub-task-B: Sustainable targets, baseline studies, and scenario building; Sub-task-C: Urban renewable energy technology systems and industry development (Partly-funded by the Center for Building Performance and Diagnostics at CMU). PI: T. Spiegelhalter, with IEA-Task 30 Committee on Energy Research and Technology (CERT), Coordinator P. Droege (WCER), Australia. 2001-2002.
- 31) **Built school environments and interiors. Wüstenrot-Foundation, Klett publishing house Stuttgart.** Academy Hessian, with Prof. Dr. P. Grosz. Research contract: 55,000 DM (\$35,966.83). 1997-1998.
- 32) **Solar Energy Gaining System Implementations for Prefabricated Buildings.** Research with onsite thermal insulation systems (3, 299 sf² transparent insulation), test implementations, and energy saving monitoring. Research locations: Wohnblock-Hochhaeuser Rathenau (Residential High-Rise Rathenau, 182,000sf²), and P. Robenson School in Leipzig (FA 31,215sf²), Germany. Collaboration HTWK Leipzig and FhG-ISE Leipzig. Research Sponsor: Saxon Ministry of State, and BMWI Germany. Research Chair and PI: T Spiegelhalter with CO-PI Dr. C Russ, FhG-ISE, Fraunhofer Institute for Solar Energy Systems Leipzig. Research contract: €375,000.00 (\$479,625.05). 1994-1996.
- 33) **Intelligent Buildings. Research project of the University of Kaiserslautern,** Department of Architecture, Schueco International, Publisher J. Haeusser, Darmstadt, Germany. PI: Thomas Spiegelhalter, Co-PI's: W. v. Aaen, H. Ermel. Funding: €36,000.00 (\$46,044.00). 1990-1994.

Pending Research Applications and FIU Client Agreement Projects:

- 1) **Miami-Dade Fire Rescue (MDR) Energy/Water/CO2 Retrofit Projects RFQ** with BioStar Renewables, (D Johnson; J D Burt; C Brewer). Leadership Consultant T Spiegelhalter for Revit-BIM-GBS-Insight-Infraworks360-GIS Training Workshops and Performance Modeling - Consultant for Sustainability FIU team consisting of T Gustafson, J.D. FIU Director, Research Programs, Office of Finance & Administration; T A. Crawl, FIU Director, Institute of Water & Environment, an FIU Preeminent Program PI and Director, NSF CREST Center for Aquatic Chemistry and Environment, President, Association of Ecosystem Research Centers, Building Technology Director S Vassigh, M Marine, J Chandler, Z Tang, T Troxler and others. Budget: \$21,537,782 in "Client Agreement Projects," Fall 2016-ongoing.
- 2) **NSF US-UK Research WORKSHOP FOR BIOSENSING-ENABLED, WELLBEING-CENTRIC SUSTAINABLE BUILT ENVIRONMENT ECOSYSTEMS**, Nottingham UK, PI: Y Tao, Ph.D. FASME, Nova Southeastern University, Co-PI's Y Zhu, W Tolone (UNCC), R Feirock (FSU), S Bhansali (FIU), T Spiegelhalter (FIU), S Lehmann (UNLV), W Yan (TAMU), O Karaguezel (CMU), H Furukawa (Japan), and others. Budget: \$680,000

5.

Service

Professional Service 5a

Service to Professional Associations / Societies 5a-i

Service to the Community or Public 5a-ii

University Service 5b

5.

Service

Professional Service 5a

Service to Professional Associations / Societies 5a-i

Service to the Community or Public 5a-ii

5a-i – Service to Professional Associations / Societies

Service:

- 1) Steering Committee Member of the US-UK NETWORK FOR BIOSENSING-ENABLED, WELLBEING-CENTRIC SUSTAINABLE BUILT ENVIRONMENT ECOSYSTEMS, 2018-present.
- 2) Dynamo-Rhynamo-BIM-User Group of the Autodesk User Group International Inc. <https://www.augi.com/local-user-groups/group/dynamo-bim-user-group>), 2015-present.
- 3) Steering Committee Member of the National Science Foundation RCN-SEES Predictive Modeling Network for Sustainable Human-Building Ecosystems (SHBE) Network, 2014-present.
- 4) “AIA 2030 Challenge” further Education “Carbon Neutral Buildings Initiative” course module development and coordination for the AIA Pasadena and Los Angeles; Four AIA No Architect Left Behind Sessions, Three AIA CES Learning Units, April 2010-present.
- 5) ACE Architects’ Council of Europe. 2006-present.
- 6) Exhibition Committee Bruno Zevi Foundation, Scientific Committee Member, Rome, Italy. 2006-present.
- 7) Scientific DiTAC Working Group Member of URBACT, European Program for Sustainable Development. 2005-present.
- 8) GABA German-American Business Association, Los Angeles and Miami. 2004-present.
- 9) U.S. Green Building Council, and Emerging Green Builders, Chapter Los Angeles and Miami. 2003-present.
- 10) AIA – NCARB, Frequent internship program supervisor for enrollment and support for students seeking licensing, 1999- present
- 11) Numerous Guest Lectures, Design Studio Critics, Directed Research Consultancies at Universities of Taranto, Genoa, Florence, Milano, Pesara-Chieti in Italy, HTWK Leipzig, TU Berlin, UdK Berlin, TU Darmstadt, TU Karlsruhe, University of San Jose, Costa Rica, University of Sydney, University of Melbourne, Tingsua University in Beijing, China, University of NOVA University, University of Miami, SCI-Arc, Woodbury University, Cal Poly Pomona, UCLA Architecture department, Art Center Pasadena, Audubon Center and Green Technology Institute UCLA, LADWP Solar & Green Program, USBC Green Building Alliance of Los Angeles, and many more. 1990-present.

Association / Society Memberships:

- 1) ICLEI Global – Local Governments for Sustainability, 2018-present
- 2) American Society of Heating, Refrigerating and Air-conditioning Engineers (ASHRAE). 2009-present.
- 3) DESERTEC Foundation, Solar Energy for Europe and Africa, Munich, Germany. 2007-present.
- 4) IBPSA - International Building Performance Simulation Association. 2006-present.
- 5) Green Building Connect, USA. 2006-present.
- 6) Sustainable Construction and Planning. 2006-present.
- 7) Member, GABA German-American Business Association. 2005-present.
- 8) Biomimicry & Innovation. 2005-present.
- 9) Member, US Green Building Council, USGBC Regional Chapter Los Angeles. 2003-present.
- 10) Member, Society of Building Science Educators SBSE, USA. 2003-2004.
- 11) Member, Architects’ Council of Europe, A.C.E. 2001-present.
- 12) Member, Sustainable Pittsburgh, PA, USA (inactive). 2000-present.
- 13) Member, IEA-International Solar City Program, Task 30. 2000-2002.
- 14) Member, International Council for Local Environmental Initiatives (ICLEI). 2000-2002.
- 15) Member, International Solar Energy Society, ISES, American Solar Energy Society. 1999-present.
- 16) Member, Deutscher Werkbund. 1993-1994.
- 17) Member, Deutsche Bundesarchitektenkammer (German Architecture Chamber). 1988-present.
- 18) Professional Organization of the German Association of Artists Berlin and Freiburg. 1983-97.

Invited Referee, Editor, and Associated Editor:

- 1) Frequent Invited Peer Reviewer of the Journal “Future Cities and Environment”, University of Nottingham, UK, 2014-present.
- 2) Frequent Invited Peer Reviewer of the Journal of “Green Building”, Mindspring, 2014-present.
- 3) Invited Reviewer of the Journal of “Technology Innovations in Renewable Energy”, LifeScienceGlobal, 2013-present.
- 4) Invited Conference Paper Reviewer for the 75th Anniversary of the American Society of Mechanical Engineers (ASME) Heat Transfer Division (HT2013). Minneapolis, July 2013 in Minneapolis, Minnesota, ASME Journal of Heat Transfer, and IMECE in November in San Diego, CA. 2013.
- 5) Frequent Invited Peer Reviewer for SUSTAINABLE BUILDING CONFERENCES in 2013 and 2014 (SB13/SB14): Construction Products and Technologies SB13 in Graz, Austria; BESS-SB13 (Building Enclosure Sustainability Symposium), California; and SB13 in Abu Dhabi, UAE. 2013-2014.
- 6) Invited Scientific Committee Member at the 2nd World Construction Symposium 2013 on “Socio–Economic Sustainability in Construction: Practice, Policy and Research.” Organizers: The Ceylon Institute of Builders (CIOB), International Council for Research and Innovation in Building and Construction (CIB) and Building Economics and Management Research Unit (BEMRU). Colombo, Sri Lanka, June12-15, 2013.
- 7) Invited Associate Editor and Referee for the volume 5, The International Journal of the Constructed Environment. 2012-present.
- 8) Invited Reviewer (Referee) by the Chief Editor for the Journal of Civil Engineering and Architecture, USA, Editorial Office (Chicago: David Publishing Company). 2011-present.
- 9) Invited Associate Editor and Referee for the Volume 5, The International Journal of the Constructed Environment 2011- present.
- 10) Invited Associate Editor and Referee for the volume 4, Design Principles and Practices: An International Journal 2010-2011.
- 11) Invited Associate Editor and Referee for the volume 3, Design Principles and Practices: An International Journal 2009-present.
- 12) Frequent Invited Peer Reviewer of the ELSEVIER and ScienceDirect Journal “Building and Environment,” 2003-present.

5.

Service

Professional Service 5a

Service to Professional Associations / Societies 5a-i

Service to the Community or Public 5a-ii

5a-ii – Service to Community or Public

Volunteering:

- 1) Numerous Earth Day Network Lectures on volunteering Green Practices in Europe and the U.S. The lecture focuses on four themes: conserving, recycling, generating and living. These themes are each elaborated around recurring questions of energy, materials, water, food, air, soil, habitats and neighborhood. 1990-present.
- 2) Numerous Sea Level Rise Community Event Volunteering in Miami and the beaches, 2009-present

5.

Service

University Service 5b

5b – University Service

FIU Department of Architecture

- 1) Curriculum Committee Member, School of Architecture, FIU. Fall 2017-ongoing.
- 2) Master's Project Task Force's Member, SP 2013-SP2014.
- 3) SET Lab Coordination, Selection and Installation of all the appliances, sensors, equipment, software and computer systems in the new SET lab including development of a new ESTL web page directory, F2012 – SP2013.
- 4) Faculty Digital Design Committee Member, F2012 – ongoing
- 5) Faculty Search Committee Member, Materials Research Position, School of Architecture. F2011-SP2012.
- 6) Developing a relationship between the Miami Beach Sustainability. F2010-present.
- 7) Faculty Search Committee Member, Materials Research Position, School of Architecture. F2011-SP2012.
- 8) Developing a relationship between the Miami Beach Sustainability Office/City Department of Planning and the Sustainability Studio on Lincoln, future collaborations. F 2010-present.
- 9) CARTA Faculty Assembly Meeting Participant, CARTA Strategic Planning Meeting. 2009-present.
- 10) Leadership role in securing gifts (Johnson Controls Inc., Schueco Intl., Schott Intl.) for construction of Environmental and Structural Technology Laboratory at Paul Cejas Architecture Building, College of Architecture and the Arts (CARTA). Fall 2009-2012.
- 11) Co-Founder and Co-Director of the Environmental and Structural Technology Laboratory (ESTL) Equipment grant for establishing ESTL. Fall 2009-present.
- 12) Structures and Environmental Technologies Lab (SET) - Fundraising Strategies and Realization of the Facility in collaboration with School of Architecture Administration and the FIU Facilities Management for Construction. Budget: \$354,617.00. Fall 2009-present.
- 14) Website Development and Equipment Purchasing for Structures and Environmental Technologies Lab. Fall 2009-present.
- 15) Member, Portfolio Review Committee, Department of Architecture Florida International University. Fall 2009-present.
- 16) Member, Master's Project and Thesis Committee, Department of Architecture, FIU. Fall 2009-present.
- 17) Curriculum Committee Member, School of Architecture, FIU. Fall 2009-10.
- 18) Co-Developing Educational Websites: 1. Eco Learning <http://www.ecolearn.fiu.edu>, 2. Environmental and Structural Technology Lab (ESTL) <http://www.estl.fiu.edu>. Fall 2009.

FIU CARTA:

- 1) CARTA Curriculum Task Force Member, SP2018-ongoing
- 2) Search Committee Member for two Building Technology Assistant Professorship and Building technology Instructor position at CARTA School of Architecture, SP2018-F2019
- 3) Search Committee Chair for the Building Technology Assistant Professorship, SP2017-F2017
- 4) US-China Department of Energy Solar Decathlon 2014 Competition, Consultant, environmental systems design for Tsinghua University, Beijing, 2014.
- 5) Joint Interdisciplinary Sustainability Graduate Studio, MEDIA Complex and Master Plan Biscayne Campus Development with the School of Journalism and Mass Communication. SP 2013.
- 6) FIU Technology Committee Member, 2013.
- 7) Department of Energy Solar Decathlon 2011 Competition, Consultant, environmental systems design for PerFORM[D]ance House: A solar powered constructed by students on the National Mall and future FIU-Sustainability Office on Campus. 2009-2011.

Other FIU Service:

- 1) Miami-Dade Fire Rescue (MDR) Energy/Water/CO2 Retrofit Projects RFQ with BioStar Renewables (Dagney Johnson; J David Burt; Charlie Brewer). Leadership Consultant Thomas Spiegelhalter for Revit-BIM-GBS-Insight-Infraworks360-GIS Training Workshops, Performance and Optimization Modeling - Consultant for Sustainability FIU team consisting of Tom Gustafson, J.D. FIU Director, Research Programs, Office of Finance & Administration; Todd A. Crowl, FIU Director, Institute of Water & Environment, an FIU Preeminent Program PI and Director, NSF CREST Center for Aquatic Chemistry and Environment, President, Association of Ecosystem Research Centers, Building Technology Director Shahin Vassigh, Marc Marine, Jason Chandler, Zhonghong Tang, Tiffany Troxler and others. Budget: \$21,537,782 in "Client Agreement Projects", Fall 2016-ongoing

- 2) Green Hotels Georgia Federal Relation Research and Design Development Committee with Prof. Camilo Rosales at FIU, with Chaplin School of Hospitality & Tourism Management, School of Architecture, Engineering and Computing. Fall 2011.
- 3) Leadership role in securing gifts and funds for the construction of the Structures and Environmental Technologies Lab (SET) at the PCA Building. 2009-present.
- 4) The Strategic Planning Committee: Committee Member of the FIU Presidents strategic planning process in the Provost's Strategic Planning Committee. January 2010-July 2010.

6.

Awards and Honors

6 – Awards and Honors

Professional Awards, Prizes, and Honors

- 1) 3rd Prize: Invited (Sponsored) Competition for KRAFTWERK “Freiraumgestaltung im Umfeld des Künstlerdorfes” in Schöppingen (Artist Colony Schoeppingen) in Germany in collaboration with Landscape Architect Office Peter Drecker, Bottrop-Halle-Hannover, 2017
- 2) Winner of the International Award for Excellence for Volume 3 of The International Journal of the Constructed Environment for “New Design Protocols for Industrial-scaled Modes of Production for Carbon Neutral Buildings.” 2016.
- 3) AIA PASADENA Further Education Initiative Fund. No Architect Left Behind Initiative. Developing a creative, Southern California climate-specific AIA Carbon Neutral Building 2030 Challenge course for architects, engineers, and other field related professionals from 2012 to 2013. Contract Award: \$20,000. 2011.
- 4) DESIGN VANGUARD AWARD 2003, 10 firms shape the globe. ARCHITECTURAL RECORD Magazine, New York City. International Competition, Open. 2003.
- 5) Meritorious Award, Sustainable Malama Campus High-School Kapolei, Hawaii. International Architecture Design Competition (open), 683 entries, (with C. Kapeller and M De Jarnett), Los Angeles, CA. 2003.
- 6) 1st Prize, International CONCOURS CONSTRUCTION ACIERS 2002 for design and built Steel Suspension Bridge, Belgium-Luxembourg, Europe. 2002.
- 7) State Award for Distinguished Cultural Work at Solar Cultural Center Breisach. State Baden-Wuerttemberg Competition, Germany. 2001.
- 8) 5th Prize, New Park Visions. International Expert Design Competition (with P Drecker), Germany. 2001.
- 9) German Solar Recognition Award for Design, Build, Benchmarked Solar Town Houses in Ihringen, DGS (Deutsche Gesellschaft fuer Solare Energie), National Design Realization Competition, Germany. 1999.
- 10) 4th Prize, LE JARDIN DES DEUX RIVES Strasbourg, France. International Open Urban and Landscape Design Realization Competition, 497 entries (with J Dittus), France. 1999.
- 11) 2nd Prize, Redevelopment Master Plan Coal Mining Area of Espenhain-South Leipzig. Invited National Expert Design Competition (with P Drecker and Montana Property Development Society) Berlin, Germany. 1998.
- 12) 2nd Prize, Solar Powered Middle and Highschool Ihringen by Freiburg. National Design Realization Competition, Germany. 1995.
- 13) 2nd Prize, Coal Mining Area Redevelopment Wattenschei, Germany. Invited National Expert Design Competition, (with P Drecker), Germany. 1995.
- 14) German Architecture Recognition Award for Buildings in Concrete. Cultural Center Breisach, Cologne, Germany.
- 15) Special Recognition Award for Media Center (Mediatek) Design, City of Lörrach. National Design Realization Competition, Germany. 1994.
- 16) Recognition Award for the Regional Commission Building Design (Regierungspraesidium) in Freiburg. National Design Realization Competition, Germany. 1994.
- 17) Special Recognition Award for the Library and Municipal Headquarter Design, City of Loerrach. National Realization Competition, Germany. 1993.
- 18) 1st Prize, Redevelopment Master Plan and Design for the ‘Zeche Osterfeld Oberhausen’ (former Coal Mining Area and Steel Factory Infrastructure) of the International Building Exhibition Emscher Park (IBA). International Design Realization Competition (open), 631 entries, (with P Drecker and J Dittus), Germany. 1993.

- 19) 1st Prize, Redevelopment Master Plan and Design for the Health Park Bottrop of the International Building Exhibition Emscher Park, IBA. International Design Realization Competition (open), (with P. Drecker), Germany. 1993.
- 20) Special Recognition Award for Institute of the Pharmacy and Pharmacology Building Design, Inner City Campus University of Freiburg. National Design Realization Competition, Germany. 1993.
- 21) 3rd Prize, Helmholtzplatz Prenzlauer Berg Berlin. International Urban and Landscape Design Realization Competition w. Jochen Dittus (Landscape Architect), Germany. 1993.
- 22) Special Recognition Award for Kindergarten and Daycare Design, City of Offenburg. National Design Realization Competition, Germany. 1993.
- 23) Special Recognition Award for High-School Building Design, City of Stühlingen. National Design Realization Competition, Germany. 1993.
- 24) 1st Prize for New Protestant Church and Conference Center Design, City of Bad Herrenalb. National Design Realization Competition of the German National Protestant Organization and the City of Bad Herrenalb, Germany. 1992.
- 25) 1st Prize, Karl-Hofer-Award Berlin for the Research Realization Projects of GRAVEL PIT ARCHITECTURE, Berlin. National Design Research Competition, Germany. 1992.
- 26) Special Recognition Award, Logo-Motiv, Urban design competition for Ecological Neighborhood Design Proposal, City of Weil. National Design Realization Competition (with G Duerr), Freiburg, Germany. 1992.
- 27) Special Recognition Award, Headquarter Sewage Treatment Demonstration Facility Design, City of Freiburg. National Design Realization Competition of the Sewage Federation Breisgauer Bay in Freiburg, Germany. 1992.
- 28) Recognition Award, Ecological Building Design and Low-Energy Building Master Plan Proposal, City of Bahlingen-Riedlen. National Urban Design Competition, (with G Duerr), Germany. 1992.
- 29) 2nd Prize, Municipality Town Hall Design, City of Offenburg. National Design Realization Competition, Germany. 1992.
- 30) 2nd Price for Russian Military Infrastructure Area Redevelopment Master Plan, City of Magdeburg. International Urban & Landscape Design and Realization Competition for the 'Bundesgartenschau Magdeburg' (Federal Garden Show sponsored with E.U. funds), 873 entries, (with P Drecker, J Dittus), Germany. 1992.
- 31) Special Recognition Award for Community Center (Buergerhaus) Design, City of Schutterwald. State Design Realization Competition, Germany. 1991.
- 32) 2nd Prize, Public Art Design for the District Office Building, City of Freiburg. State Design and Realization Competition, Freiburg, Germany. 1989.
- 33) 1st Prize, Urbanization Proposal of the Berlin Wall between East and West, City of Berlin. International Urban Design Competition for Urban Planners, Architects, and Designers of Mythos Berlin and the Museum Checkpoint Charlie, 917 entries, Germany. 1987.
- 34) 1st Prize (Schinkel Prize), Satellite High-Rise District Maerkisches Viertel Master Plan Proposal, City of Berlin. National Design Realization Competition Berlin, Germany. 1986.
- 35) Recognition Award - Seeing-Recognition-Drawing Competition of the Rudolf-Lodders-Endowment Society. National Design Competition, Architects Chamber Hamburg, Germany. 1985.

Academic Awards:

- 1) FIU CARTA Faculty Research Award: \$2,000. 2018.
- 2) EU ERASMUS + (KA107) AWARD: SS 2017 at University Degli Studi di Genova, Italy, Stipend \$5,984. 2017.
- 3) Solar Decathlon China US-DOE National Energy Administration China, FIU-Tsinghua University Beijing Partnership, 5th Place overall, 1st. Prize Energy Balance + Thermal Comfort, 3rd Place Engineering. 2016.
- 4) Miami Business Award, Solar Decathlon US-DOE-FIU Dance House. 2016.
- 5) AIA Miami Design Award, Solar Decathlon US-DOE-FIU Dance House, 2015; Florida foundation Award, Solar Decathlon US-DOE-FIU Dance House, 2013.
- 6) US Environmental Protection Agency (EPA) Assistance Award: "On Track to Carbon Neutral Buildings & 66.516 - P3 Award: National Student Design Competition for Sustainability." Award for Phase 1: \$15,000. 2013-2014.
- 7) Research Award State of Florida, Solar Decathlon US-DOE-FIU House, 2013.
- 8) EPA People's Choice First Prize, Technology and Science, P3: "People, Prosperity and the Planet Student Design Competition for Sustainability in Washington, D.C., 2012.
- 9) Solar Decathlon US-DOE, 11th Place overall, 1st. Prize Energy Balance + Thermal Comfort, 2011.
- 10) US Green Building Council Student Project Award for New Orleans Residential Designs, 2011.
- 11) Paul Cejas Strategic Initiative Research Award "No Architectural School Left Behind – NET-ZEB Masterplan." Analysis, Scenario Modelling and Master Planning for the transformation of the PCA-building Complex (designed by Bernard Tschumi) to a Net-ZEB facility. Strategic Initiative Award: \$3,000, 2012-2013.
- 12) FIU-CEC Seed Grant Award: An Open-Source Integrated Computing Infrastructure to Support the Life Cycle Design and Engineering of High-Performance Building – Case Study "FIU LEED SILVER certified SIPA campus building." Funding: \$30,000, 2011-2012.
- 13) FIU Technology Fee Award for equipment grant to establish the Environmental and Structural Technology Laboratory (ESTL), Funding: \$67,000. 2009-2012.
- 14) Greening Architecture Ian Ritchie, Ethics and the Environment, Sustainability Event Proposal, USC Arts and Humanities Initiative Award with additional funding from the British Consulate, Virgin Atlantic, the USC Architectural Guild, COE Architecture International, and AIA Los Angeles (with M Chow) Funding: \$26,800. 2.5 LU/HSW/SD hours for all AIA members, 2008.
- 15) Environmental Management System (EMS) - USC School of Architecture, USC Future Fuels and Energy Initiative (FFEII) Applied Research Award. Funding: \$25,000. 2007.
- 16) Towards Sustainable Urban Housing Bridging the Gap between Community Design and Adaptable Technology, USC-Urban Initiative Policy Briefing Award. Funding: \$10,000. 2005.
- 17) Solar Zero-Fossil-Energy-Building-Development, USC-Undergraduate Research Fund Award (SURG). Funding: \$10,000. 2003.
- 18) DAAD Stipend AWARD (Deutscher Akademischer Austauschdienst Stipendium), German Academic Exchange Program for research faculty, International Academic Co-operation Bonn – New York. Funding: €18,000 (\$24,120). 1999.
- 19) Awarded Postgraduate Scholarship, University of the Arts Berlin, Germany, Master's Program (Meisterschuelerstudium). 1988.
- 20) Pro Venetia Viva, Centro Europeo di Venezia: IL CENTRO: PUNTO D'INCONTRO PER LA CULTURA DELLA CONSERVAZIONE, Awarded Scholarship by the UNESCO office, Venice, Italy. 1977.

Supervised Student Awards

- 1) Solar Decathlon China 2013, Qualification Competition. Application Phase 1 and Submission Phase 2 - Sustainability Graduate Spring Studio 2010. Grant amount: \$100,000. Status: Current, Source: US Department of Energy, National Energy Administration China [Subcontract through Tsinghua University]. Amount: \$30,000, Period: 2012 – 2013.
- 2) Industry-Government-Communities Sponsored Solar Decathlon Research Realization Projects in the US and China: (1) Sponsored \$550,000 FIU Solar Decathlon Project (\$100,000 Awarded Solar Decathlon 2011 Competition by U.S. Department of Energy), and (2) Sponsored THU (China)-FIU Collaboration of the International Chinese Solar Decathlon Net-Zero-Energy Project led by Tsinghua University (THU) in China (\$100,000 by the China National Energy Administration and the U.S. Department of Energy). 2010-2013.
- 3) 101 Years ACSA Archive Exhibition Graduate Student Project Selection: Post-Fabrication, Haiti. Studio/Course: ARC 5362 Graduate Design 9, Spring 2011.
- 4) 1st and 2nd prizes at Regional USGBC Sustainable Housing National Competition 2010, Sustainability Design Graduate Studio Students, Award: each student with \$1,000. 2010.
- 5) Solar Decathlon U.S. Department of Energy 2011, Qualification Competition. Application Phase 1 and Submission Phase 2 - Sustainability Graduate Spring Studio. Grant amount: \$100,000. 2011.
- 6) First Prize, USC GPSAW Graduate and Professional Students Award for the Development and Validation of a U-BIM Model for mitigating the Urban Heat Island. 2009.
- 7) 3rd Prize, Sustainable High-Rise Building Design for the Exposition Park in Los Angeles. AIA 2x8 Swell, 2006.
- 8) Selection Award for Solar Decathlon Design Proposal 2005, USC School of Architecture. NREL, DOE, Solar BP. EPA. Grant Amount: \$5,000. 2003.
- 9) Special Solar Decathlon Good Neighbor Award 2002 for the Carnegie Mellon University School of Architecture Donation of Solar House to Pittsburgh Community Organization. 2002.
- 10) 2nd Prize, Solar Decathlon Competition, Category Contest 2, Design Presentation and Simulation, NREL, DOE, for the Carnegie Mellon University School of Architecture team. 2002.
- 11) Selection Award for Solar Decathlon Design Proposal, CMU School of Architecture Pittsburgh, NREL, DOE. (Phase 2). 2001.
- 12) 1st Prize, Int'l Competition HTWK Leipzig-UH Houston, Marina Gruna Peninsula-Memory and Renewal, Leipzig, Germany. 1998.
- 13) Recognition Award, International Student Competition Leipzig-Houston, Gruna Peninsula - Columna Vertebralis, HTWK Leipzig, Germany. 1998.
- 14) Recognition Award, International Student Competition Leipzig-Houston, Gruna Peninsula – Design Project 8, HWTk Leipzig, Germany. 1998.
- 15) Recognition Award, Student International Competition Leipzig-Houston, Gruna Peninsula – Design Project 8. HWTk Leipzig, Germany. 1998.
- 16) Recognition Award, Student International Competition Leipzig-Houston, Gruna Peninsula – Design Project 8. HWTk Leipzig, Germany. 1998.
- 17) International Student Competition Award - Solar Passive House Idea Competition for Urban Row Houses. Isorast-Bausysteme and Passiv Haus Institute Darmstadt, HWTk Leipzig, Germany. 1994.

JOHN A. STUART, AIA

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EDUCATION

Master of Architecture Columbia University	Architecture	1991
Master of Arts Princeton University	Classical Archaeology	1987
Bachelor of Arts Brown University	Classics with Honors	1984
	Applied Mathematics	1984

ACADEMIC POSITIONS

Distinguished University Professor Florida International University	Architecture	2019–
Director Florida International University	CARTA Innovation Lab for 3D Printing	2015–
Associate Dean Florida International University	College of Communication, Architecture + The Arts	2013–
Executive Director Florida International University	The Miami Beach Urban Studios	2013–
Department Chair Florida International University	Architecture	2011–2013
Faculty Fellow Florida International University	Office of the Provost	2010–11
Full Professor Florida International University	Architecture	2008–
Visiting Associate Professor Columbia University	The Graduate School of Architecture Planning and Preservation	Fall 2003
Founding Program Director Florida International University	Graduate Program in Architecture	1999–2002
Associate Professor with Tenure Florida International University	Architecture	1999–2008
Assistant Professor Florida International University	Architecture	1994–1999
Adjunct Design Instructor Florida International University	Architecture	1994
Adjunct Design Instructor University of Miami	Architecture	1994

HONORS AND AWARDS

White Cane Day Speaker Award: Miami Lighthouse for the Blind "FIU's 3D Printed Innovations for the Visually Impaired"	2018
Keynote Speaker at the 2017 Faculty Convocation "Provocations from the Edge: The Future of Faculty Research"	2017
Winner of the MakerBot Innovation Award MakerBot Annual Summit With MBUS Office Manager, Jacqueline Thompson.	2016
Winner, 2016 Philanthropy Shark Tank Miami Philanthropy Miami Competition to fund a Summer Camp for 3D printing and government.	2016
Awarded Knight Foundation Grant Funds to found the CARTA Innovation Lab at the Miami Beach Urban Studios	2015
Selected as Co-Chair 102 nd Annual Meeting Association of Collegiate Schools of Architecture	2013–14
Selected for Musician's Forum New World Symphony Competition for video work sponsored by AIGA and NWS	2013
Finalist, Worlds Ahead Faculty Award Florida International University FIU President's Council	2013
FIU Book Author Florida International University Honored by the Office of the Provost	2012
Award for Leadership in Education Miami Chapter of the AIA Selected from among the leaders in the SE region of Florida	2011
Chair, Review Panel United States Artists Awards Ford and Rockefeller Foundations initiative for individual grants to artists, Los Angeles	2010–11
Top Scholar Award Florida International University Selected as one of the 25 top researchers at the university	2009
Invited Review Panelist United States Artists Awards Ford and Rockefeller Foundations initiative for individual grants to artists, Los Angeles	2010
Silver Medal for Non-Fiction Florida Book Awards <i>The New Deal in South Florida: Design, Policy, and Community Building 1933–1940</i>	2009
New York Prize Fellowship Van Alen Institute TimeZone (interactive design with collaborators at MoMA and in Lima, Peru)	2007–2008
New York Book Award New York Society Library <i>Ely Jacques Kahn, Architect: From Beaux-Arts to Modernism in New York</i>	2006
Screening Award Miami Short Film Festival <i>The Cruise</i> (video)	2004
Award of Excellence in Design The Miami AIA The design of <i>TimeZone</i>	2004
Honorary Mention for Design The Miami AIA The architectural design of <i>Hinge House</i>	2004
Drawings in Permanent Collection Columbia University Drawings accessioned to the collection of the Avery Architecture and Fine Arts Library	2003
Review Panelist National Endowment for the Arts For areas of Design and Design Heritage	2000
Summer Stipend Grant National Endowment for the Humanities Research on Paul Scheerbart	1995

BOOKS AND EDITED VOLUMES

Stuart, John A., and John F. Stack, Jr., eds.
The New Deal in South Florida: Design, Policy, and Community Building, 1933–1940.
Gainesville: University Press of Florida, 2008.

Stern, Jewel, and John A. Stuart.
Ely Jacques Kahn, Architect: Beaux-Arts to Modernism in New York.
New York: W. W. Norton, 2006.

Scheerbart, Paul.
The Gray Cloth: Paul Scheerbart's Novel on Glass Architecture. Introduced, translated from the German, and illustrated by John A. Stuart. Cambridge, Mass.: The MIT Press, 2001. Reprinted in paperback, 2003.

Ghirardo, Diane, and John A. Stuart, eds.
Gender and Architecture. Special Issues of the Journal of Architectural Education.
Part 1. 55 (November 2001) and Part 2. 55 (February 2002).

ARTICLES

Stuart, John A.
“**Preservation Policy for a Changing World.**” In *MB magazine* (Spring 2019): 15–17.

Stuart, John A. and David Rifkind
“**Overview of Florida.**” In *SAH Archipedia* eds. Gabrielle Esperdy and Karen Kingsley, Charlottesville: UVaP, 2017

Stuart, John A.
“**Lincoln Road.**” *CLOG Miami* (2013): 76–77

Stuart, John A.
“**Liberty Square Housing.**” *Die Alte Stadt* 36 no. 2 (Aug. 2009): 199–215

Ghirardo, Diane, and John A. Stuart.
“**Editors' Introduction: Gender and Architecture.**” *Journal of Architectural Education* 55 (Nov. 2001): 63.

Stuart, John A.
“**Tidal Shade.**” *Journal of Architectural Education* 54 (Sept. 2000): 55–57.

Stuart, John A.
“**Unweaving Narrative Fabric: Walter Benjamin, Bruno Taut, and Paul Scheerbart's The Gray Cloth.**” *Journal of Architectural Education* 53 (Nov. 1999): 61–73.

Stuart, John A.
“**More Than a Campus Icon: A New Facility for FIU's Architecture Program**”
Competitions 9 (Summer 1999): 16–28.

Stuart, John A.
“**Exoticism Meets Pragmatism: An Interview with Paul Silverthorne on His Mural Painting and Interior Design in South Florida in the 1940's.**” *The Journal of Decorative and Propaganda Arts* 23 (1998): 361–381.

Stuart, John A.
“**Gender Reconfigured: Emily Roebling and the Construction of the Brooklyn Bridge.**” *Architectural Theory Review. Journal of the Department of Architecture, Planning and Allied Arts. The University of Sydney.* 3 (April 1998): 23–34. (First published as “Silent Partner.”)

Stuart, John A.

"Formulating Femininity: Paul Scheerbart and the German Werkbund Debates of 1914." *Intersights. Journal of the School of Architecture and Planning at the State University of New York at Buffalo*. 4 (1997): 100–109.

Stuart, John A.

"Integrating Diverse Community and Professional Challenges. School of Design, Florida International University." *Florida Architect* 43 (Winter 1996): 18.

Stuart, John A.

"Silent Partner." *Public Spaces: Architecture / Research / Criticism* 5 (1994–1995): 6–13.

PROCEEDINGS

Stuart, John A.

"A New Deal for the American Motorist." *Seeking the City: Visionaries on the Margin. Proceedings of the 96th Association of Collegiate Schools of Architecture Annual Meeting*: forthcoming 2010.

Stuart, John A.

"Paul Scheerbart's *The Gray Cloth* and the Politics of German Architectural Internationalism." *Building as a Political Act. Proceedings of the 1997 Association of Collegiate Schools of Architecture International Meeting*: 344–350.

Stuart, John A.

"Paul Scheerbart's *The Gray Cloth*: Gender, Architecture and the German Werkbund Debate." *Architecture: Material and Imagined. Proceedings of the 85th Association of Collegiate Schools of Architecture Annual Meeting*, 1996: 428–434.

Stuart, John A.

"The Body as Battlefield: Gender, Mass-Media and Colored Glass Construction in Paul Scheerbart's *The Gray Cloth* and *Ten Percent White*." *Triangulating the Bodies of Architecture. Proceedings of the 1996 Association of Collegiate Schools of Architecture Northeast Regional Meeting*: 159–169.

Tsihrintzis, Vassilios A., Marc L. Resnick, John A. Stuart, and Elizabeth Pittenger.

"The Gateway MYMUP Project: Experience from a Pilot Implementation at Florida International University." *Proceedings of the American Society of Engineering Education 1996 Frontiers in Education Conference*: 111–115.

Resnick, Marc L., John A. Stuart, Vassilios A. Tsihrintzis, and Elizabeth Pittenger.

"Multi-Year, Multi-University Projects Provide Real Human Factors Experience for Undergraduates." *Proceedings of the 40th Annual Meeting of the Human Factors and Ergonomics Society*: 463–467.

Stuart, John A.

"The Confluence of Allegory and Technology in Gendered Public Space." *Proceedings of the 84th Association of Collegiate Schools of Architecture Annual Meeting*. 1995: 240–247.

CHAPTERS IN BOOKS

Stuart, John A.

"Constructing Identity: Building and Place in New Deal South Florida" in *The New Deal in South Florida*, edited by John A. Stuart and John F. Stack, Jr. Gainesville: University Press of Florida, 2008.

Stuart, John A.

"Liberty Square: Florida's First Public Housing Project" in *The New Deal in South Florida*, edited by John A. Stuart and John F. Stack, Jr. Gainesville: University Press of Florida, 2008.

Stack, John F. Jr., and John A. Stuart

"The New Deal in South Florida" in *The New Deal in South Florida*, edited by John A. Stuart

and John F. Stack, Jr. Gainesville: University Press of Florida, 2008.

BOOK REVIEWS

Stuart, John A.

Review of *Miami Modern Metropolis* by Alan Shulman, ed. and **Marion Manley** by Catherine Lynn and Carie Penabad *Journal of Architectural Education* 65 (October 2011): 92–95.

Stuart, John A.

Review of *Modernizing Main Street: Architecture and Consumer Culture in the New Deal* by Gabrielle Esperdy. *Urban History* 36 (2009): 184–185.

Stuart, John A.

Review of *Re-Reading Perspecta: The First Fifty Years of the Yale Architectural Journal* by Robert A. M. Stern, Alan Plattus, and Peggy Deamer. *Journal of the Society of Architectural Historians* 65 (Sept. 2006): 457–458.

Stuart, John A.

Review of *The Glass State* by Annette Fierro. *Journal of Architectural Education* 56 (May 2003): 72–73.

Stuart, John A.

Review of *The Werkbund: Design Theory and Mass Culture before the First World War* by Frederic J. Schwartz. *Design Book Review: Humanism and Post-humanism* 41–42 (Winter/Spring 2000): 88–91.

Stuart, John A.

Review of *Nineteenth-Century Mormon Architecture and City Planning* by C. Mark Hamilton. *Planning Perspectives* 11 (Oct. 1996): 448–450.

PRESENTED PAPERS AND LECTURES

“Great Streets of the Art Deco District: Lincoln Road”

Moderator for a panel discussion with Michel Hausmann, Mel Schlessner, Michael Comras and Arthur Marcus about the architectural, social and economic history and future of Lincoln Road.
May 15, 2019

FIU Miami Beach Urban Studios, Miami Beach, FL

“Learning from the Fire at Notre Dame”

Moderator for a panel discussion about architectural history, preservation and technology.
May 2, 2019

FIU Miami Beach Urban Studios, Miami Beach, FL

“Resilience through Science and Design”

Speaker with Tiffany Troxler and students at the 3rd Annual Resiliency Workshop hosted by the Miami Design Preservation League.

April 27, 2019

Miami Beach, FL

“3D Printing Innovations for the Blind”

Speaker at the invitation of the Miami Beach Council for the Blind.

April 10, 2019

Miami Beach, FL

“How Technology Can Help Us Be Better at Doing Good”

Presented to the faculty and students on the occasion of the inauguration of Marymount President, Irma Becerra.

March 29, 2019

Marymount University, Arlington, VA

“Innovation, Creativity and 3D Printing”

Panelist in the 2019 FIU Innovation Master Class hosted by Grizelle De Los Reyes.

February 23, 2019

FIU College of Law, Miami, FL

“Vibrant City Subject Matter Specialist”

Specialist participant and speaker in the 2019 Miami Beach Chamber of Commerce Goals Convention.

February 22, 2019

W Hotel, Miami Beach, FL

“Making and Joining: A Conversation about Opportunities of Technology, Craft and Community in Higher Education Today”

Speaker with Montclair University artist and professor, Neil Baldwin.

January 24, 2019

FIU Miami Beach Urban Studios, Miami Beach, FL

“Mixed Reality Technology Innovation Case Studies in Higher Education”

Speaker on the FIU CARTA Innovation Lab as a case study.

November 1, 2018

EDUCAUSE 2018 Annual Conference, Denver, CO

“What it Means to be Human in an Increasingly Digital World”

Presented to Miami French Art Associates.

June 19, 2018

FIU Miami Beach Urban Studios, Miami Beach, FL

“A Digital Humanities Conversation”

I participated in a five-person conversation on topics related to digital humanities with colleagues from Yale, Syracuse and Bucks County Community College as part of the HP “Unstandardized Conversations” Youtube series.

June 14, 2018

Yale University, New Haven, CT

“Blended Reality at FIU’s Miami Beach Urban Studios”

Presented projects and co-organized HP-sponsored Blended Reality Summit

June 12-13, 2018

Yale Center for Collaborative Arts and Media, New Haven, CT

“What’s Next: Recent Experience and Expectations for the Upcoming Year”

Panel moderator at the Annual Sea Level Rise Conference sponsored by Hinshaw

April 11, 2018

Four Seasons Hotel, Miami, FL

“Strategies and Successes: Community Dialogues on Historic Preservation and Sea Level Rise”

With Tiffany Troxler at the 2nd Annual Resiliency Workshop

April 7, 2018

Miami Beach Golf Club, Miami Beach, FL

“Conversation with Dean Rodolphe el-Khoury and Nasrine Seraji”

University of Miami School of Architecture’s Technoglass Lecture Series

April 4, 2018

University of Miami, Coral Gables, FL

“Negotiations: Contemporary Art in Historic Settings”

Moderated Panel Discussion on Historic Buildings and Contemporary Art

February 27, 2018

Vizcaya Museum and Garden, Miami, FL

“Innovation on Miami Beach”

Thursday Breakfast Group

February 22, 2018

North Beach Golf Club, Miami Beach, FL

“Provocations from the Edge: The Future of Faculty Research”

Keynote speaker at the 2017 Faculty Convocation

October 12, 2017

Florida International University, Miami, FL

“Creative Mind Talks: Daniel Libeskind + John Stuart”

A Conversation with Daniel Libeskind about his life and work

May 23, 2017

The Moore Building, Miami, FL

“Emerging Art Leaders of Miami”

A Panel Discussion organized by Derek Wallace

April 7, 2017

University of Miami, Coral Gables, FL

“Exploring Liberty City: Liberty City Rising”

A Film by Moses Shumow and Panel Discussion

March 21, 2017

University of Miami, Coral Gables, FL

“3D Printing and the Future of Higher Education”

A Panel Discussion organized by Public Knowledge

March 5, 2017

US Congress, Washington, DC

“Paulo Werneck: Brazilian Muralist”

A Panel Discussion about architecture and art in Brazil

September 22, 2016

MBUS, Miami Beach, Florida

“Faculty Governance at FIU”

A Panel Discussion for FIU Department Chairs

August 21, 2016

Fairchild Tropical Garden, Miami, Florida

“The CARTA Innovation Lab”

A presentation to the MakerBot Innovation Lab Summit

June 23, 2016

MakerBot Headquarters, Brooklyn, New York

“A Brief History of the Liberty Square Community Building”

Liberty Square Reunion Panel Discussion

June 11, 2016

Liberty Square Community Center

“City as Material Artifact: A Conversation with Martha Schoolman”

Bavarian-American Summer Academy in Miami Beach

June 8, 2016

The Betsy Hotel, Miami Beach

“Innovation at FIU”

Kellogg Innovation Network Panel on “Urban Innovation for Social Impact”
June 2, 2016
FIU Miami Beach Urban Studios

“Research in 3D printing at FIU”

Panel Discussion on the Future of On-Demand 3D Manufacturing
April 28, 2016
MIT Enterprise Forum, FIU Tech Station

“Panel Moderation: “Water—Visible and Invisible”

Ran and participated in a panel discussion with Tiffany Troxler, Shamina de Gonzaga, Doug Wartzok, and Orlando Garcia in collaboration with Mary Luft and Tigertail
April 12, 2016
FIU Miami Beach Urban Studios

“3D Printing and Innovation at FIU”

Speed of Innovation Panel Discussion for FIU Alumni Association
April 11, 2016
Moonlighter, Miami

“Interview with Glenn Pushelberg about the Creative City”

Art Basel Creative City
December 3, 2015
FIU Miami Beach Urban Studios

“The Miami Beach Urban Studios and Innovation”

IxDA World Usability Panel
November 11, 2015
Rokk3r Labs

“Historic Miami Beach: A Walking Tour”

A lecture for residents onboard The World Residences At Sea
September 16, 2015
Miami Beach

“Almost There: An Ideosyncratic History of the Architecture of Miami Beach”

A lecture for residents onboard The World Residences At Sea
September 16, 2015
Aboard the World

“Translations/Collaborations: Toward and Architecture of Human Experience”

FIU Center for The Humanities in an Urban Environment
April 18, 2012
Florida International University

“The Archives of William Lyman Phillips”

History Miami
March 10, 2012
Montgomery Botanical Center

“Bachelors Brides and Open Source Machines Panel”

Annual Meeting of the Association of Collegiate Schools of Architecture
March 2, 2012
Boston, Massachusetts

“The Pruitt-Igoe Myth: Response and Debate”

University of Miami
February 6, 2012
Glasgow Hall

“Bringing Beauty into Our Lives: The New Deal in Coral Gables”

November 4, 2011
The Coral Gables Museum, Miami

“Cell Sites”

October 17, 2011
School of Architecture, University of Texas, Austin

“Doubtful Utopia: A Gathering of Scheerbart Scholars”

October 4, 2010
Columbia University in New York City

“Poetry and Architecture”

February 10, 2010
The Boas Poetry Reading Group, Miami

“In Sync: Networked Public Spaces for Social and Political Empowerment”

October 17, 2009
National Conference of the Society for American City and Regional Planning History

“The New Deal in Coral Gables”

November 7, 2008
The Coral Gables Museum, Coral Gables

“Miami and the Pan American Dream”

September 18, 2008
The Historical Museum of Southern Florida, Miami, with Maurice Ferrer and Hilario Candela

“TimeZone: New York Prize Fellow Public Presentation”

August 12, 2008
Van Alen Institute, New York City

“The New Deal in South Florida”

June 9, 2008
Books and Books, Coral Gables, with John Stack

“The New Deal in South Florida”

April 22, 2008
Broward County Main Public Library, Fort Lauderdale, with John Stack

“Recontextualizing Jennifer Baichwal’s film *Manufactured Landscapes*”

April 11, 2008
The Wolfsonian–FIU

“14 Views of Miami”

April 8, 2008
A video exhibition and presentation with Campbell McGrath at The Wolfsonian–FIU

“Dynamic Modernism: Frank Gehry, Zaha Hadid, and Santiago Calatrava”

March 26, 2008
The Miami Art Museum, Miami

“Ely Jacques Kahn, Architect: Beaux-Arts to Modernism in New York”

May 31, 2007
Books and Books, Coral Gables, with Jewel Stern

“Ely Jacques Kahn, Architect: The Modernist Years, 1925–1950”

February 20, 2007
Miami Design Preservation League, Miami Beach, with Jewel Stern

“The Buildings of Ely Jacques Kahn: A Walking Tour in New York City”

October 14, 2006
The Wallach Gallery, Columbia University, New York City, with Jewel Stern

“Ely Jacques Kahn, Architect: Gallery Talk”

October 11, 2006
The Wallach Gallery, Columbia University, New York City, with Jewel Stern

“Ely Jacques Kahn”

October 5, 2006

School of Architecture, FIU, with Jewel Stern

“The Skyscraper Reconsidered: Panel Discussion”

September 25, 2006

Columbia University Graduate School of Architecture, Planning, Preservation, New York City,
Moderator with Panelists: Michael Sorkin, Carol Willis, Andrew Dolkart, and Jewel Stern

“Ely Jacques Kahn, Architect: Beaux-Arts to Modernism in New York”

September 21, 2006

The Skyscraper Museum, New York City, with Jewel Stern

“The New Deal in South Florida”

July 10, 2006

NEH Landmarks Workshop sponsored by The Wolfsonian–FIU

“The German Airship and the Design of the Modern State”

December 10, 2005

“Agendas of Design in the Modern World” workshop sponsored by The Wolfsonian–FIU

“Planning and the New Deal”

October 20, 2005

“South Florida’s Planning Past, Present, and Future: Pre-conference Symposium”

11th National Conference on Planning History, SACRPH, Coral Gables

“Promotion, Politics, and Tourism in the Emergence of New Deal Miami”

September 18, 2004

Cornell University Conference “Havana and Miami: Modernism and the City,” Ithaca

“Project Utopia: Expectations and Conflicts Surrounding Liberty Square, Miami’s First Public Housing Project”

March 19, 2004

92nd Association of Collegiate Schools of Architecture Annual Meeting, Miami

“Digital Media Analog Methods”

March 19, 2004

Panelist at the 92nd Association of Collegiate Schools of Architecture Annual Meeting, Miami,
with Cory Clarke

“New Deal Miami – Archipelagos of Modernism”

March 21, 2004

92nd Association of Collegiate Schools of Architecture Annual Meeting, Miami, with Jeff
Donnelly

“Paul Scheerbart’s *The Gray Cloth* and the Myth of Transparency”

February 11, 2004

University of Miami School of Architecture, Coral Gables

“Race, Space, and the New Deal: Liberty Square Housing in Miami, Florida”

November 7, 2003

10th National Conference on Planning History Society for American City and Regional Planning
History, St. Louis

“Ebbs, Flows, and Other Conditions”

July 16, 2003

GSAPP, Columbia University, New York City

“3 + 3: Three Books Three Projects”

October 24, 2002

The School of Architecture, FIU

“Democracity and Its Denizens”

April 12, 2002

90th Association of Collegiate Schools of Architecture Annual Meeting, New Orleans

“Reading into Paul Scheerbarth: Glass Adventures from the Prehistory of Transparency”

March 15, 2001

Annual Meeting of the Association of Art Historians, Oxford Brookes University, Oxford, England

“Looking into the Crystal Wall: Paul Scheerbarth’s *The Gray Cloth and Ten Percent White*”

March 19, 2001

The Twentieth-Century Society of London Lecture Series, Swedenborg Hall, London, England

“Abstraction and the Urban Landscapes of Isamu Noguchi”

February 9, 2000

FIU Art Museum / Smithsonian Museum of American Art

“Excavate/Coagulate: My Architectural Education”

January 2000

School of Architecture, FIU

“Orange Architecture”

Various dates during April and May 1999

The Wolfsonian–FIU, Orange County Historical Museum, Tampa Museum of Art

“Envisioning Technological Internationalism: Paul Scheerbarth and German Design Innovations 1900–1914”

June 1998

The Wolfsonian–FIU

“The Lost Legacy of Colored Glass in German Modernism”

April 1998

51st Annual Meeting of the Society of Architectural Historians, Los Angeles

“Marking Margins: Three Waterfront Strategies for New York City”

March 1998

86th Association of Collegiate Schools of Architecture Annual Meeting, Cleveland

“Community Building: A University-wide Workshop Sponsored by the Florida International University and School of Architecture and the Academy for the Art of Teaching”

March 1998

Symposium Organizer and Presenter, The School of Architecture, FIU

“Power by Consent: Thoughts on Desire, Consumption and Market”

January 1998

Presenter and Panelist at ArtCenter-South Florida, Miami Beach

“Three 20th-Century Plans for Lincoln Road Mall in Miami Beach, Florida”

October 1997

15th Annual Meeting of the Southeast Chapter of the Society of Architectural Historians, Atlanta

“Paul Scheerbarth’s *The Gray Cloth* and the Politics of German Architectural Internationalism”

June 1997

Association of Collegiate Schools of Architecture International Conference, Berlin, Germany

“Urban Space and Identity on Lincoln Road Mall, Miami Beach”

March 1997

Organized and presented at The Exploding City: Urban Form, Development, and Urban Design

in South Florida Symposium on Miami Beach

“Paul Scheerbart’s *The Gray Cloth*: Gender, Architecture and the German Werkbund Debate”

March 1997

85th Association of Collegiate Schools of Architecture Annual Meeting, Dallas

“Technology in the Service of Urban Publicity: Designing the ‘Smart Street Kiosk’ in Downtown Miami”

October 1996

Presented paper co-authored with Vassilios A. Tsihrintzis, Marc L. Resnick and Elizabeth Pittenger Association of Collegiate Schools of Architecture Southeast Regional Meeting, Hampton, Virginia

“Paul Scheerbart and the Utopian Vision of German Expressionist Architecture”

October 1996

Cornell University, College of Architecture, Art and Planning, Architectural Theory Seminar, Ithaca

“The Body as Battlefield: Gender, Mass-Media and Colored Glass Construction in Paul Scheerbart’s *The Gray Cloth and Ten Percent White*”

October 1996

Association of Collegiate Schools of Architecture Northeast Regional Meeting, Buffalo

“Global Transformations and Urban Mutations: A Case Study of Lincoln Road as ‘Main Street’ Miami Beach, Florida”

July 1996

19th Congress of the International Union of Architects, Barcelona, Spain

“Gender, Mass-Media and the Construction of the Brooklyn Bridge”

July 1996

Columbia University, GSAPP, Summer Lecture Series, New York City

“The Confluence of Allegory and Technology in Gendered Public Space”

March 1996

84th Association of Collegiate Schools of Architecture Annual Meeting, Boston

“A Woman on the Wings of Technological Progress”

November 1995

FIU Institute for Public Policy and Citizenship Studies Symposium

“Emily Roebling and the Construction of the Brooklyn Bridge”

March 1995

13th Annual FIU Women’s History Month Conference

FUNDED RESEARCH

Miami Foundation	2019
Project: “Resilient Economy Mayoral Outreach.”	
Team led by Tiffany Troxler to create printed small business risk dashboards for mayors.	
FIU Tech Fee Grant	2018
Project: “University-wide workshops in 3D Printing and Rapid Prototyping.”	
PI on grant consisting of 3D printers and laptops.	
HP/EDUCAUSE	2017
Project: “Building the Campus of the Future.” PI on grant consisting of equipment donation.	
Knight Foundation	2017
Project: “Museums & Technology: New Avenues for Wonder.” Participant with the Univ. of Florida on 3D printing. PI on this part of the project through FIU by Design.	
Miami Beach Cultural Anchor Grant	2016

Project: The Miami Beach Cultural Anchor grant funded through the Miami Beach Dept. of Tourism, Culture & Economic Development to support exhibitions, Lectures and performances at the Urban Studios. PI.	
Philanthropy Miami, Shark Tank	2016
Project: Growlight/Breakthrough Summer Program at the Urban Studios. In partnership with Breakthrough Miami.	
Knight Arts Challenge	2015
Project: Creation of a new multidisciplinary work <i>una marea crescente</i> with Orlando Garcia, as PI and Faena as the matching organization. Co-PI.	
Miami Beach Cultural Anchor Grant	2015
Project: The Miami Beach Cultural Anchor grant funded through the Miami Beach Dept. of Tourism, Culture & Economic Development to support exhibitions, Lectures and performances at the Urban Studios. PI.	
Knight Foundation	2015–16
Project: Creation of the CARTA Innovation Lab. PI.	
Miami Beach Cultural Anchor Grant	2014
Project: The Miami Beach Cultural Anchor grant funded through the Miami Beach Dept. of Tourism, Culture & Economic Development to support exhibitions, Lectures and performances at the Urban Studios. PI.	
MDX/FIU University City Project	2010–11
Project: Development of Advanced Transit Oriented Designs for Miami Dade County Senior Research Scientist	
The Van Alen Institute, New York Prize Fellowship	2008
Project: Research development of prototype for <i>TimeZone</i>	
The Graham Foundation for Advanced Research in the Fine Arts	2003
Project: Research for book on New York architect Ely Jacques Kahn Jewel Stern co-PI	
The National Endowment for the Arts	2000
Project: Research for book on the New Deal in South Florida John F. Stack, Jr. co-PI	
FIU Division of Sponsored Research / School of Architecture	2000
Project: Publication subvention for printing full color images in <i>The Gray Cloth</i>	
American Airlines Foundation	2000
Project: Travel for graduate students to Kingston, Jamaica Marilys Nepomechie, co-PI	
The Wolfsonian–FIU Research Center Fellowship Program	1998
Project: “Envisioning Technological Internationalism: Paul Scheerbart and German Design Innovations 1900–1914”	
Association of Collegiate Schools of Architecture	1998
Project: “Joint Florida International University / University of Florida Studio Project” Kim Tanzer, co-PI	
The FIU Academy for the Art of Teaching	1997
Project: “Community Building: A University-Wide Workshop” Ted Baker, co-PI	
The Graham Foundation for Advanced Research in the Fine Arts	1997
Project: Research on “Exposing the Roots of Modern Architecture: A Contextualizing Introduction to Paul Scheerbart’s <i>The Gray Cloth and Ten Percent White. A Ladies Novel</i> ”	
National Science Foundation / Drexel University	1996
Project: “Gateway Engineering Education Coalition, Multi-Year,	

Multi-University Projects (MYMUP)" Marc Resnick, PI; with John A. Stuart; Vassilios A. Tsihrintzis; and Elizabeth Pittenger	
FIU Student Government Association Project: "Gracie's Grill Student Lighting Design Grant"	1996
National Endowment for the Humanities Project: NEH Summer Stipend for research on "An Introduction to <i>The Gray Cloth and Ten Percent White</i> by Paul Scheerbart"	1995
Metro-Dade County Cultural Affairs Council Community Grant Project: Presented lecture and organized series "The Line That Divides: Four Lectures on the History of Architecture, Commerce and People on Lincoln Road in Miami Beach"	1995
International Tile and Stone Expo for Research and Experimentation Project: Funding for a "Student Design Award"	1995
University of South Florida / Metro-Dade Planning Organization Project: "North Dade Greenways Study" Ted Baker, PI; John A. Stuart; Christopher Fannin	1995
FIU Student Government Association Project: "Gracie's Grill Student Lighting Design Grant"	1995
The Portofino Group Project: "Exhibition and Symposium of South Beach Charrette Proposals" Rene Gonzalez, co-PI	1994

SELECTED CREATIVE WORK

Video Art for the Opera *una marea creciente*

May 7, 2018 Faena Forum, Miami Beach (world premier performance)
Opera formed in collaboration with Orlando Jacinto Garcia (composer), Campbell McGrath (poet), Jacek Kolasinski (video artist), Augusto Soledade (choreographer) and Elizabeth Marsh (video editor)

Dutilleux: Sarabande and Cortège

January 27, 2014 New World Symphony
Video in collaboration with Orlando Garcia (composer) and Jacek Kolasinski (video) as part of an AIGA Centennial project with the New World Symphony.

Separacion

April 4, 2012 Frost Museum
Various video projects performed with compositions by Orlando Jacinto Garcia (composer).

Universo Paralelo #4

February 17, 2011 Wertheim Performing Arts Center
Various video projects performed with compositions by Orlando Jacinto Garcia (composer).

The Video Art for the Opera *Transcending Time*

April 17, 2009 Zagreb (world premier performance)

Opera formed in collaboration with Orlando Jacinto Garcia (composer), Campbell McGrath (poet), Jacek Kolasinski (video artist), and Elizabeth Marsh (video editor)

Museum of Immigration on Miami Beach

February 2009–

International architectural design competition with Roberto Rovira and Federico Zapata

Bubble Wrap / Waterworks Information Center in Downtown Miami

September 2008–November 2008. Online exhibition.

International architectural design competition with Roberto Rovira, Adrian Van Derosten, Mercy Rodriguez, Alex Salazar, George Valdes, Francisco Waltersdorfer

TimeZone: Fabrication and Installation in Lima, Peru and New York City

May 19–August 15, 2008

New York Prize Fellowship project

The Bittersweet Decade: The New Deal in America 1933–1943

July 3, 2008–January 19, 2009

Exhibition at The Wolfsonian–FIU co-curated with Marianne Lamonaca and Jon Mogul

14 Views of Miami

April 1–June 1, 2008

A video piece presented at The Wolfsonian–FIU with Campbell McGrath

Port 11: A Diptych

March 2008

A video piece with music by Orlando Garcia and exhibited at Art Basel Miami Beach

The Video Art for Puentes Sonoros: Sonic Bridges / Enlaces Sonoros: Sonic Laces

September 2007, January 24, 2009.

A piece for orchestra and video by Orlando Garcia (composer) and with Jacek Kolasinski (video artist), and Elizabeth Marsh (editor)

Ely Jacques Kahn, Architect: Beaux-Arts to Modernism in New York

September 26–December 9, 2006

Exhibition at Columbia University and co-curated with Jewel Stern and Janet Parks

Brazil Triptych and The Cruise

September 26, 2005

Group exhibition of these video pieces at the Honors College, FIU

Dia.Spora

July 2004–

Design competition exhibited online by Fused Space in Amsterdam

The Cruise

October 18, 2004

Video piece screened at the Miami Short Film Festival with Linda Feinberg and Elizabeth Marsh
Also screened on December 5, 2002 at Transitory Gallery, Art Basel Miami Beach

Hinge House

October 3–13, 2002

Architectural design for a house on Miami Beach exhibited at *Espacios Digitales* during the XIII Biennale of Architecture in Santiago de Chile with Claudia Busch

Pentagon Memorial

September 11, 2002

Entry for international architectural design competition

Queens Museum of Art

March 10, 2002–July 7, 2002

Architectural design competition exhibited in “Designing the Future: The Queens Museum of Art and the New York City Building” Queens Museum of Art with Joel Hoffman

Drawing Utopia: Exhibition of Drawings for The Gray Cloth

November 13, 2001

Henry Urbach Architecture Gallery, New York City

Democracy and Its Denizens

April 11–14, 2002

Architectural design project selected for exhibition at the Faculty Design Projects session of the 90th Annual Meeting of the ACSA, New Orleans

Monument for the Third Millennium

August 25, 2000

Architectural design competition sponsored by the government of Puerto Rico

Proto-urban Landscapes

January 9–January 12, 1998

Drawings exhibited at Henry Urbach Architecture Gallery, Gramercy Art Fair, Miami Beach

Tidal Shade

September 9–October 30, 1997

Architectural design competition (exhibition prize winner) sponsored by the Van Alen Institute, AIA New York and the Hudson River Park Conservancy

Governor’s Island and the Chronometry of Erosion

August 17–October 31, 1996

Architectural design competition (second prize winner) sponsored by the Urban Studies and Architecture Institute and exhibited at the Galleria Frau, New York City

POSITIONS IN PROFESSIONAL SOCIETIES

Member, Editorial Board <i>Journal of Architectural Education</i>	2012–15
Book Review Editor, Editorial Board <i>Journal of Architectural Education</i>	2012–13
Member, National White Paper Group on “Architecture as Discipline” Association of Collegiate Schools of Architecture	2007
Member, Editorial Board Association of Collegiate Schools of Architecture / Routledge Architectural Education Series	2006–08
Co-chair, Local Arrangements Committee Society of American City and Regional Planning Historians	2005
Co-chair, Design Topic Sessions Association of Collegiate Schools of Architecture Annual Meeting	1999–2000
Member, Editorial Board <i>Journal of Architectural Education</i>	1998–2001
Founding Member, Board Urban Environment League of Greater Miami	1997–1999
Member, Society of Architectural Historians	1994–

OTHER PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE

UCF, Tenure and Promotion External Reviewer UCF School of Visual Arts and Design, Orlando, FL.	2019
ACSA, External Peer Reviewer, Fall 2019 Conference at Stanford U. Washington, DC.	2019
Resiliency Task Force Member, Miami Beach Chamber of Commerce City of Miami Beach	2019–
Climate Change Hackathon, Judge, Spring 2018 at EcoTech Visions City of Miami Beach	2018
ACSA, External Peer Reviewer, Fall 2017 Conference in Marfa Washington, DC.	2017
Miami Beach Chamber of Commerce, Board of Governors City of Miami Beach	2014–
Historic Preservation Board, Member City of Miami Beach	2014–
Arts Advisory Panel, Member City of Coral Gables	2014–17
Planning Committee, Member City of Miami Beach: Sustainable and Authentic South Florida	2012–13
Team leader Calle Ocho planning charrette for the City of Miami Planning Department	2013
Co-chair, 102nd Annual Conference Association of Collegiate Schools of Architecture	2012–14
Art Deco Architecture Tour Leader Miami Design Preservation League, Miami Beach, with Jeffery Donnelly	2008
Interview on The Making of 14 Views of Miami Plum TV, Miami Beach, with Campbell McGrath	2008
Panelist on The Making of Sonic Bridges Wertheim Conservatory as part of the New Music Festival with Jacek Kolasinski	2008
External Faculty Evaluator The Yale School of Architecture Fall Semester graduate reviews, New Haven	2007–2010
Panelist on “Faculty Compete” Symposium at the FIU, School of Architecture BEA International Gallery	2007
Session Moderator Society of American City and Regional Planning History, Coral Gables	2007
Member, Working Group on Visual Culture The Wolfsonian–FIU	2006–
Panelist Architecture Career Forum, FIU Career Services Center	2004
Fellowship Application Reviewer The Wolfsonian–FIU	2004
Review Panelist, Design Heritage National Endowment for the Arts, Washington, DC	2002
Book Manuscript Reviewer The MIT Press, Cambridge	2000–
Member, Design Committee Journal of Architectural Education	1998–2001

Member, Programs and Collections Committee Bass Museum of Art, Miami Beach	1999–2000
Session Moderator, History/Criticism Association of Collegiate Schools of Architecture Annual Meeting, Cleveland	1998
Symposium Organizer School of Architecture, FIU “Community Building: A University-Wide Workshop Sponsored by the FIU School of Architecture and the Academy for the Art of Teaching”	1998
Paper Reviewer, Design Sessions Association of Collegiate Schools of Architecture	1998
Paper Reviewer, Theory/Criticism Sessions Association of Collegiate Schools of Architecture	1998
Paper Reviewer, Open Sessions Association of Collegiate Schools of Architecture	1998
Session Moderator Society of American City and Regional Planning Historians, Seattle	1997
Juror, Photography Competition Jewish Museum of Florida, Miami Beach	1997
Member, Focus Group ArtCenter-South Florida, Miami Beach	1997
Member, Design Advisory Committee Bass Museum of Art, Miami Beach	1996–1997
Judge South Florida Science and Engineering Fair, Miami	1995–1998
Competition Director University of Miami School of Architecture, Coral Gables	1994

UNIVERSITY SERVICE

Chair, Search Committee, Executive Director, Miami Urban Future Initiative FIU College of Communication, Architecture + The Arts	2019–
Member, Executive Committee, Wolfsonian Public Humanities Lab FIU Emerging-preeminent Program	2019–
Member, Highest Research Committee, FIU 2025 Strategic Plan FIU Office of the President	2018–19
Member, Leadership Advisory Board FIU Sea Level Solution Center	2016–
Administrative Coordinator, Arts@FIU Day FIU College of Communication, Architecture + The Arts	2014–
Member, Centers and Institutes Evaluation Committee FIU Office of Research and Economic Development	2014–
Member, Administration Team UFF Bargaining FIU Office of the President	2013–

Member, Ashoka Task Force FIU Office of the University Engagement	2013–14
Commissioner, FIU-iREAL Task Force FIU Office of the President	2013
Member, Selection Committee Architect/Engineering Consultants Facilities Management	2013
Member, University Master Plan Task Force Facilities Management	2012–13
Member, Selection Committee Landscape Architect Consultants Facilities Management	2012
Member, Selection Committee for Academic Program Manager The Wolfsonian-FIU	2012
Member, FIU Centers and Institutes Review Committee Academic Planning and Accountability	2012–
Member, Writing Initiative Task Force Office of the Provost	2011–12
Co-Organizer, Sweetwater Connection Charrette College of Architecture + The Arts / President's Office	2011
Chair, Environment and Planning Committee Faculty Senate	2011
Chair, Reorganization Committee Faculty Club	2011
Member, University Master Plan Steering Committee FIU Facilities Management	2010
Member, University Sustainability Committee Office of the President	2009–
Member, Climate Commitment Task Force Office of the President	200910
Member, Art History Faculty Search and Screen Committee Department of Art and Art History, CARTA	2008
Co-chair, Architectural History Search and Screen Committee School of Architecture, CARTA, with Jason Chandler	2007
Co-chair, Architectural Technology Search and Screen Committee School of Architecture, CARTA, with Jason Chandler	2007
Member, Consulting Services Selection Committee BT-805 Campus Master Planning, FIU	2007
Member, College of Nursing Building Committee BT-833, FIU	2007–2009
Member, Parkview Housing Building Committee BT-889, FIU	2007–08
Member, Parking Garage 5 Building Committee BT-865, FIU	2007–08
Member, Retail Public Safety Building Committee BT-875, FIU	2007–08
Member, Social Sciences International Studies Building Committee BT-875, FIU	2007–08
Chair, Faculty Senate <i>ad hoc</i> Building and Environment Committee FIU Faculty Senate	2006–11

Member, Reorganization Committee for College of Architecture + The Arts CARTA	2005–2006
Faculty Advisor, APX Architectural Fraternity, Department of Architecture	2005–
Member, University Faculty Senate Steering Committee FIU Faculty Senate	2004–2005
Chair, Architectural Design Search and Screen Committee School of Architecture	2003
Member, University Graduate Council FIU Faculty Senate	2002–2004
Member, University Faculty Senate FIU Faculty Senate	1997–1999 2002–2004
Member, Dean Search and Screen Committee School of Architecture	2000–2001
Chair, Architectural History Search and Screen Committee School of Architecture	2000
Member, Graduate Strategic Planning Committee FIU	1998–2001
Member, Roundtable on Teaching, Learning and Technology Provost Committee FIU	1998–1999
Chair, Architectural Design Search and Screen Committees Department of Architecture and School of Architecture	1997–1999
Member, Faculty Senate Nominating Committee FIU Faculty Senate	1997–1998
Member, Faculty Senate Technology Committee FIU Faculty Senate	1997–1998
Member, University Faculty Club Committee FIU	1996–
Editor, School of Architecture Journal School of Architecture	1997–1999
Member, Curriculum Committee School of Architecture	1997–2001
Coordinator, Upper Division Architectural Design School of Architecture	1997–2001
Member, The Wolfsonian–FIU New Deal Symposium Committee The Wolfsonian–FIU	1997–1998
Chair, Committee for NAAB Accreditation Team Exhibition School of Architecture	1997
Member, Comprehensive Planning Committee College of Engineering and Design	1997
Chair, Committee on Architecture Program Report School of Design, College of Engineering and Design	1996–1997

Member, University Library Committee FIU Faculty Senate	1995–2001
Organizer, Faculty Retreats School of Design, College of Engineering and Design	1995–1997
Member, Graham Center Sound and Light Committee FIU	1995–1996
Project Director, Creation of the School Website School of Design, College of Engineering and Design	1995–1997
Member, Committee on Student Evaluations College of Engineering and Design	1995
Faculty Advisor, American Institute of Architects Students (AIAS) School of Design, College of Engineering and Design	1995–1996
Project Director, School of Design “Fact Sheet” School of Design, College of Engineering and Design	1995
Chair, Lecture Committee School of Design, College of Engineering and Design	1994–1997
Chair, Film Committee School of Design, College of Engineering and Design	1994–1997
Member, Student Orientation Committee School of Design, College of Engineering and Design	1994

1. EDUCATION

Master of Architecture, Department of Architecture
University at Buffalo, The State University of New York
Spring 1994

Master of Urban Planning, Department of Planning
University at Buffalo, The State University of New York
Spring 1994

Bachelor of Science in Civil Engineering, Department of Civil, Structural & Environmental Engineering
University at Buffalo, The State University of New York
Spring 1983

2. ACADEMIC EXPERIENCE

Director of Technology Research Development
College of Architecture + the Arts, Florida International University, 2018-present

Associate Dean of Research and Faculty Affairs
College of Architecture + the Arts, Florida International University, 2015-2018

Professor, Department of Architecture
Florida International University, 2012-present

Associate Professor
Department of Architecture, Florida International University 2008-2012

Associate Professor
Department of Architecture, University at Buffalo, The State University of New York 2002-2007

Assistant Professor
Department of Architecture, University at Buffalo, The State University of New York, 1997-2001

Assistant Professor
Department Architecture and Design Philadelphia College of Textile and Science, 1996-1997

Visiting Assistant Professor
Department of Architecture University at Buffalo, The State University of New York 1994 -1996

Adjunct Faculty
Department of Architecture, University at Buffalo, The State University of New York, 1984-1985

3. FUNDED RESEARCH AND PROJECTS

Preparing the Future Workforce of Architecture, Engineering, and Construction for Automation and Robotic Processes
C-Accel Pilot - Track B1 (AI and Future Jobs)

National Science Foundation

Principal Investigator

Grant funding: \$973,000, 2019-2020

Robotics and Digital Manufacturing Lab

Florida International University, Technology Fee Grant Funding

Principal Investigator, Equipment grant for establishing a new lab facility

Grant funding: \$371,000, 2016-2019

Strategies for Learning: Augmented Reality and Collaborative Problem-Solving for Building Sciences
Improving Undergraduate STEM Education: Education and Human Resources (IUSE: EHR)

National Science Foundation

Principal Investigator, Co PIs: Winfred Newman, Debra Davis, Cheng-Xian Lin and Ali Mostafavidarani
Grant funding: \$219,000, 2015-2018

Data Analytics for Effects Assessment and Decision-Making & Ecotoxicology (CEACE)

CREST Center for Environmental Aquatic Chemistry

National Science Foundation

Senior Personnel, Project PI: Todd Crowl

Grant funding \$5,000,000 2016-2021

An Open-Source Integrated Computing Infrastructure to Support the Life Cycle Design and Engineering of High-Performance Buildings

Florida International University, Technology Fee Grant

Co-Principal Investigator, Project PI: Shu-Chin Chen

Grant funding: \$30,000, 2011-2012

Building Literacy: The Integration of Building Technology and Design in Architectural Education

U.S. Department of Education

Fund for the Improvement of Postsecondary Education, Comprehensive Program

Principal Investigator, Co-PIs and Faculty Team: Danford, English, Khan, MacKay, Winer

LeCuyer, Özer, Spiegelhalter and Chandler

Grant funding: \$553,000, 2007-2011

Structural and Environmental Technologies Laboratory (SET Lab)

Technology Fee Grant, Florida International University

Principal Investigator

Grant funding: \$67,000, 2008-2010

Integration of Architecture and Landscape Architecture for Sustainable design

Paul L. Cejas Discretionary Strategic Initiative, Florida International University

Principal Investigator, Co-Investigator: Ebru Özer, Department of Landscape Architecture

Grant funding: \$10,000, 2008-2009

Building Performance in Seismic Design

Educational Technology Grant

University at Buffalo, The State University of New York

Principal Investigator, Co-Investigator: Miguel Gilberto

Grant funding \$10,000, 2006-2007

Integrating Technology and Design in Architecture Curriculum

Educational Technology Grant, University at Buffalo, The State University of New York

Principal Investigator, Co-Investigators: Vanket Krovi, Kenneth Mackay

Grant funding \$8,500, 2005-2006

Visualizing the Architectural Function of the Temporomandibular Joint

Educational Technology Grant, University at Buffalo, The State University of New York

Principal Investigator, Co-Investigators: Omar Khan, Lida Radfa

Grant funding \$10,000, 2004-2005

A Comprehensive Approach to Teaching Structures Using Advanced Media

Fund for the Improvement of Postsecondary Education

U.S. Department of Education

Principal Investigator, Co-PIs and Faculty Team: S. Danford, C. Theodoropoulos, P. Tripeny, R. Shaeffer, E. Allen

Grant funding \$300,000, 2001-2004

Learning Building Technology and Structures with Multimedia

U.S. Department of Education

Title III, Technology Literacy Challenge Fund, in Association with the Buffalo Public Schools

Principal Investigator

Grant funding \$28,500, 2002-2003

The Public Casting of Cities

University at Buffalo Research Foundation, Multidisciplinary Pilot Project Program

University at Buffalo, the State University of New York

Co-Principal Investigator, Principle Investigator: Frank Fantauzzi

Grant funding \$20,000, 2000

Teaching Structures Through Advanced Media

Educational Technology Grant, University at Buffalo, The State University of New York

Principal Investigation

Grant funding: \$18,500 (total in three phases)

Faculty Development Research Award

University at Buffalo, The State University of New York

Principal Investigator

Grant funding \$5,000, 1999

4. ADMINISTRATIVE AND LEADERSHIP ROLES

Director of Technology Research Development

College of Architecture+ the Arts, Florida International University, 2018-present

Role: Coordination of philanthropic and academic partnerships in support of technology, research, and education

Providing vision and leadership to establish a College-based Center for Technology Research Development

Associate Dean of Research and Faculty Development

College of Architecture+ the Arts, Florida International University, 2015-2018

Role: Administration of all faculty affairs including hiring, development, promotion, research, assessment, and assignments; serving as the College's primary liaison to office of the Provost's and office of Faculty and Global Affairs;

Coordination of the assessment of all College academic programs in support of the strategic goals of the University

Founder and Director, Robotics and Digital Fabrication Lab (RDF)

Florida International University, 2016-present

University-wide research and teaching facility

Overseeing all lab activities and fundraising for its operations

Co-Director, Integrated Computer Augmented Virtual Environment (I-CAVE)

Florida International University, 2013-present

University-wide visualization, research, and teaching facility

Overseeing lab activities operations

Member, Institute of Water and Environment (InWE) Leadership Team

Florida International University, 2016-present

Member, Center of Research Excellence in Science and Technology (FIU | NSF: CREST) Leadership Team

Florida International University, 2015-present

Director and Co-Founder, Sustainable Built Environment and Informatics, 2013-present

An interdisciplinary research group for advancing sustainable design and development for healthy, livable, and resilient built environments through data analytics

Co-Director: Shu-Ching Chen

Founder and Co-Director, Structural and Environmental Technology Laboratory, 2013-present

Department of Architecture Florida International University

Dedicated to teaching and research of architectural technology with recognition of ecological importance of sustainable, energy-conscious design and construction

Co-Director: Thomas Spiegelhalter

Co-Director and Co-Founder Center for Virtual Architecture,

University at Buffalo, The State University of New York, Department of Architecture, 1999-2007

Research center engaged in the investigation and application of digital technology in architectural design and education
(New name: Center for Architecture and Situated Technologies)

5. PUBLICATIONS

BOOKS

Best practices in sustainable building design

Vassigh, S., Özer, E., & Spiegelhalter, T. (2013)

J. Ross publishing

Building Systems Integration for Enhanced Environmental Performance

Vassigh, S., & Chandler, J. R. (2011)

J. Ross Publishing

INTERACTIVE SOFTWARE

Best practices in sustainable building design

Vassigh, S., Özer, E., & Spiegelhalter, T. (2013)

J. Ross publishing

The software is an interactive learning environment developed to advance the education of climate responsive and ecologically sustainable building design utilizing the digital technology.

Interactive Structures: Visualizing Structural Behavior (V1&V2)

Vassigh, S.

John Wiley & Sons, 2008.

The software utilizes a wide range of visualization techniques such as computer-generated models, animation, virtual reality models and audio narration to convey the principles and applications of structural analysis and design to architecture students.

Received ~~American~~ **Institute of Architects Research Award**

CHAPTERS IN BOOKS

Vassigh, S. (2018), *Complexity of Sustainable and Resilient Building Design and Urban Development*, In K. Çahyurt & Said (Eds), *Sustainability and Social Responsibility of Accountability Reporting Systems: A Global Approach*(pp.65-79)
Springer Publishing

Vassigh, S. (2000), *Teaching Structures through Multimedia: An Interactive Exploration of Structural Concepts Using Digital Media*, In L. Lloyd (Ed.), *Teaching with Technology* (pp.335-347)
Medford: Information Today, Inc.

PAPERS IN JOURNALS

Vassigh S., Davis D., Behzadan A.H., Mostafavi A., Rashid K. (2018)

Teaching Building Sciences Using Virtual and Augmented Reality: Design, Implementation, and Assessment

International Journal of Construction Education and Research

Taylor and Francis, 1-17

Vassigh, S. (2017)

The Changing Higher Education Research Environment: New Opportunities for Architectural Research

Technology Architecture + Design, 1(1), 22-26.

Behzadan, A. H., **Vassigh, S.**, & Mostafavi, A. (2016)

Teaching millennials with augmented reality: cases from the US education system

PARC Research in Architecture and Building Construction, 265-272

Vassigh, S., Newman, W. E., Mostafavi, A., & Behzadan, A. (2015)

Hybrid Technologies for Interdisciplinary Education

Journal of Civil Environmental Engineering, 5(201), 2

Vassigh, S., & Spiegelhalter, T. (2014)

Integrated Design Pedagogy for Energy Efficient Design: Tools for Teaching Carbon Neutral Building Design.
Energy Procedia, 57, 2062-2069

Vassigh, S., Newman, W. E., Behzadan, A., Zhu, Y., Chen, S. C., & Graham, S. (2014)

Collaborative learning in building sciences enabled by augmented reality
American Journal of Civil Engineering and Architecture, 2(2), 83-88

Newman, W. E., **Vassigh, S.** (2013)

Matter as Energy What Architects Need to Know
GSTF Journal of Engineering Technology (JET), 2(2)

Vassigh, S., Zhu, Y., & Newman, W. (2012).

Leveraging Cyber-infrastructure to Transform Building Science Education
Journal of Architectural Engineering Technology, 1(2), pp. 100-105

Vassigh, S. (2011)

Sustainable carbon neutral building design: new simulation tools for teaching green buildings
WIT Transactions on Ecology and the Environment, 144, pp. 277-284.

Vassigh, S. (2011).

Building Literacy: A Simulated Environment to Learn Building Technology
The American Institute of Architects Report on University Research, 5th Edition, **Invited to Write**
www.aia.org/practicing/research/AIAB092876

Vassigh, S. (2008)

Digital gaming and sustainable design
Enquiry: A Journal for Architectural Research, 5(2)

Vassigh, S. (2008)

A comprehensive approach to teaching structures using Multimedia
Translated by Soheila Ahmad, Memar-Iranian Bimonthly on Architecture and Urban Design Volume 41, pp. 138- 139

Vassigh, S. (2006)

A meeting of the Minds: Collaboration of Frank Lloyd Wright and Jaroslav Polivka, Platform, Architect and Engineers
University of Texas at Austin, pp.8-9

Vassigh, S. (2005)

A digital Pedagogy for Teaching Structures,
The American Institute of Architects Report On University Research, pp. 132 -140 Invited to write

Vassigh, S. (2004). Teaching Statics and Strength of Materials Using Digital Technology, Architectural Design, Wiley Academy, V.74, n.1, pp.112-116

PROCEEDINGS

Vassigh, S., Tubella, J., Alhaffar, H., Ramirez, J., & Pezeshk, S. (2019). Situated Learning Through Robotics Processes. Building Technology Educator's Society, 2019(1), 27.

Lin, Ch., **Vassigh, S.** (2019) Learning in a multidisciplinary Environment: Design of Thermal/Fluids Systems in Buildings. Proceedings of the ASME 2019 Heat Transfer Conference, Bellevue, WA, USA

Vassigh, S., Davis, D., Alhaffar, H., Gallardo, G., Elias, A., (2018), Learning Building Sciences in Virtual Environments, American Society of Engineering Education, Salt Lake City, Utah

Vassigh, S. (2018), Exploring Structures, 5th International Conference on Architecture & Built Environment Venice, Italy

Vassigh, S., Ortega, F., Barreto, A., Tarre, K., and Maldonado, J., (2018), Use of 3D Human-Computer Interaction for Teaching in the Architectural, Engineering and Construction Fields

12th International Conference on Universal Access, Las Vegas, NV

Newman, W.E., Tahar, M., Braham, A. Nutter, D., **Vassigh, S.** (2018)

Cyber-innovation in the STEM classroom

ARCC-EAAE International Conference, Philadelphia, Pennsylvania

Davis, D., **Vassigh, S.**, Gallardo, G. (2016)

AR-SKOPE: Towards Building Information Modeling for Learning

The 15th International Conference on e- Learning, e-Business, Enterprise Information Systems, and e-Government (EEE'16)-Position Paper

Vassigh, S., Mirshahidi, S. (2015)

Collaborative Learning: An alternative pedagogy for teaching structure

Building Technology Educators' symposium, Salt Lake City, Utah

Vassigh, S., Spiegelhalter, T. (2014)

Towards Resilient Best Practices: Net-Zero-Energy Building Designs

The Grand Renewable Energy Conference Tokyo, Japan

Spiegelhalter, T., **Vassigh, S.**, (2014)

Sustainable Development and Interdisciplinary Education

Passive and Low Energy Architecture (PLEA) Conference, Ahmedabad, India,

Newman, W., **Vassigh, S.**, (2014)

Sustainable Development and Interdisciplinary Education

One Voice International Conference, Orlando, FL

Newman, W., **Vassigh, S.**, (2014)

What would Vitruvius do? Re-thinking architecture education for the 21st century university

Architectural Research Centers Consortium, Hawaii, PP. 67:75

Newman, W., **Vassigh, S.**, Chen, Sh., Graham, S. (2014),

Using Immersive Computing Environments in Research

Association of Collegiate Schools of Architecture

Gelpi, S., **Vassigh, S.** (2013)

Kinetic Forms of Knowledge

17th Conference of the Iberoamerican Society of Digital Graphics SiGraDi.

Valparaiso, Chili, pp.510-514

Yu Ha1, S., Ching, Sh., Zhu, Y., Luis, S., Graham, S. **Vassigh, S.**, (2012)

Constraint Driven Model Using Correlation and Collaborative Filtering for Sustainable Buildings

13th IEEE International Conference on Information Reuse and Integration, Las Vegas, NV

Vassigh, S. (2011)

[eco]Learning Interface: An interactive index of sustainable concepts and strategies for design

Building Technology Educators' Symposium, Toronto, Canada, pp. 133-140

Vassigh, S. (2011), Sustainable Carbon Neutral Building Design: new Simulation Tools for Teaching Green Buildings, the 8th International Conference on Ecosystems and Sustainable Development

Alicante, Spain, pp. 277-284

Özer, E. **Vassigh, S.** (2011)

Sustainability in Building Design: An Integrated Approach to Teaching in Landscape Architecture and Architecture

The Council of Educators in Landscape Architecture Annual Conference, Los Angeles, California

Vassigh S., Herrera, S. (2010)

Interactive Teaching Through Simulation Environments

Association for Computer Aided Design Architecture Annual Conference, NY., New York, pp. 327-332

Vassigh, S., (2009)

Virtual Case Studies: A Teaching Tool for Sustainable Design

Building Technology Educators' symposium Albuquerque, New Mexico, pp. 287-295

Vassigh, S., (2008)

Digital Gaming and Sustainable Design

Architectural Research Centers Consortium and the European Association of Architectural Educators
Copenhagen, Denmark, pp. 116-123, Nominated for Best Paper

Vassigh, S., MacKay, K., (2006)

The Integration of Building Technology and Design in Architecture Curriculum

Building Technology Educators' Symposium, College Park, Maryland, pp.375-380

Vassigh, S., (2004)

Form and Structural Expression in an Interactive Environment

Architectural Research Centers Consortium and the European Association of Architectural Educators
Dublin, Ireland, pp. 224-230

Vassigh, S., (2003)

Interactive Learning Environments

Association for the Advancement of computing in Education

World Conference on Educational Multimedia, and Hypermedia, Honolulu, Hawaii, pp. 245-348

Vassigh, S., (2002)

Learning in Digital Space: Dynamic Visualization of Structural Behavior as a Teaching Strategy

Association for Computer Aided (ACADIA), Design in Architecture, Los Angeles, California

Vassigh, S., (2002)

The Structural Origins of Form: A Digital Approach to Investigate Form

Architectural Research Centers Consortium and the European Association of Architectural Educators
Quebec, Canada, pp. 111-117

Vassigh, S., (2001)

Structure-Skin Interface: An Interactive Approach Using Advanced Media

Technology Conference

Association of Collegiate Schools of Architecture, Austin, Texas

Vassigh, S. (2001)

Teaching Statics and Strength of Materials Using Digital Technology

The Architectural Research Centers Consortium,

Conference on Architectural Research, Blacksburg, Virginia

Best Paper Award

Vassigh, S. (2001)

Visualizing Global Structural Behavior as a Guide for Learning Structures

10th Anniversary Conference on Instructional Technologies, Geneseo, New York, pp. 115-119

Vassigh, S. (2001)

Rethinking Traditions: The Role of Instructional Technology in Teaching Engineering and Science Courses

the Eighth Annual Conference on Instructional Technology, Supporting Instructional, Utica, New York, pp. 105-108

OTHER PUBLICATIONS

Hadighi, M., **Vassigh S.** (Eds.), (2005)

Project 25, A compendium of student work published on the occasion of the twenty-fifth anniversary of the School of Architecture and Planning at the University at Buffalo

Vassigh, S. (2001)

Digital Media Exhibit, A web-based presentation of selected work from architects and artists, The Association for Computer Aided Design in Architecture, Reinventing the Discourse Buffalo, New York

Vassigh, S. (2001)

Teaching Structures with Computer Based-Media
Connector, Vol. IX. No. 2, p. 8

Vassigh, S. (2001)

A Natural Collaboration in Engineering the Organic: the Partnership of J.J. Polivka & Frank Lloyd Wright
Buffalo and Erie County Historical Society
Exhibition Catalog, University Archives, University at Buffalo, New York, p. 19-23, Invited to Write

BOOK, ARTICLE AND PROPOSAL REVIEWS

Vassigh, S. (2007)

Engineering Architecture: The Vision of Fazlur R. Khan, Yassamin S. Khan,
Journal of the Society of Architectural Historians, Volume 64, Number 3, (2005): 389-390
New York: W. Norton, 2004, Book Review

S. Vassigh (2007), reviewed papers for International Journal of Architectural Computing Conference

S. Vassigh (2007), Manuscript Review, *Structural Forms in Architecture*, Gupta, K, John Wiley and Sons, Inc

S. Vassigh (2006), Proposal Review for University Grants, Educational Technology Grant, University at Buffalo, The state University of New York

S. Vassigh (2005), Conference Paper Review, The Association for Computer Aided, Design in Architecture Conference ACDIA, Buffalo, New York

6. INTERVIEWS AND PUBLICATIONS ABOUT WORK

The Science Channel, Against the Elements Episode 102

Documentary movie analyzing the damage of 1997 earthquake to the Basilica of St. Francis of Assisi in Italy.
Interviewed as the subject expert and produced animation movies to show the failure of the church. Basilica of St. Francis of Assisi in Italy, (First aired March 2009)

Mission for new Century, Digital Building Tools

An article describing Integrated Structures Instructional Package
Biannual Report of the University at Buffalo
Office of News Services and Creative Services, P.8 (2001-2003)

Architectural Illuminations

Scott Adams, UB Today
University at Buffalo, the State University of New York
A full-length article in the University at Buffalo's Alumni Magazine describing the Integrated Structures Pedagogy (2002): 28-31

Architects Work to Revamp Instruction

Patricia Donovan, UB Reporter
Article describing "A Comprehensive Approach to Teaching Structures Using Advanced Media" project
University at Buffalo, The State University of New York, Vol. 33, No.16 (2002): 7 and cover

UB Wants to Change the Way Architects Learn

Patricia Donovan, An article describing the Integrated Structures Instructional Package
Business First, Western New York's Business Newspaper, Vol15 No.18: B-5, (Jan. 28, 2002)

Integrated Structures Instruction

UB Annual Research Report
An article in the University at Buffalo's annual research publication describing the Integrated Structures Pedagogy
University at Buffalo, The State University of New York,
The Office of Creative Services, (2001)7, 19 and 20

Art Park Gift Shop and Gallery,

An article written about the Art Park Gift Shop and Gallery designed by Ian Taberner
engineered by Shahin Vassigh
Kim Kyoung Soo (Ed.), Korean Architects
Architecture and Environment, Publications Korea, No. 144, (1996): 72-75

7. PRESENTED PAPERS AND LECTURES

CONFERENCE PRESENTATION

Sustainable Infrastructure & Resilience

National Council for Science and the Environment (NCSE)
Washington, DC, 2018

Learning Building Sciences in Virtual Environments

American Society of Engineering Education
Salt Lake City, Utah (2018)

Exploring Structures

S. Arch, 5th International Conference on Architecture & Built Environment
Venice, Italy (2018)

Climate Resiliency Decision Support Tool,

National Council for Science & Environment (NCSE),
organized a workshop and presented at NCSE Washington DC, (2018)

Collaborative Learning: An alternative pedagogy for teaching structures

Building Technology Educators' symposium,
Bristol, Salt Lake City, Utah (2015)

Integrated Design Pedagogy in Building Design Education

Grand Renewable Energy Conference
Tokyo, Japan (2014)

Sustainable Carbon Neutral Building Design: new Simulation Tools for Teaching Green Buildings

International Conference on Ecosystems and Sustainable Development
Alicante, Spain (2011)

Interactive Teaching Through Simulation Environments,

Association for Computer Aided Design in Architecture (ACADIA) Annual Conference
New York (2010)

Gaming and Sustainable Building Design

The Architectural Research Centers Consortium and the European Association of Architectural Educators
Copenhagen, Denmark (2008)

The Structural Origins of Form: A Digital Approach to Investigate Form

Architectural Research Centers Consortium and the European Association of Architectural Educators,
McGill University, Canada (2002)

Association of Collegiate Schools of Architecture Austin

Structure-Skin Interface: An Interactive Approach Using Advanced Media
Austin, Texas (2001)

Statics and Strength of Materials: Analysis and Visualization

Instructional Technologies, State University of New York
Geneseo, New York (2001)

Visualizing Global Structural Behavior as a Guide for Learning Structures

State University of New York
Geneseo, New York (2001)

Infographics in Civil and Structural Applications

Buffalo, New York State Engineering Technology Association Conference
New York (2001)

8. KEYNOTES, LECTURES & OTHER PRESENTATIONS

Women in Construction NSF Workshop

University of Central Florida
Keynote Speaker (2015)

Sustainability Data Community Forum, the Green Scale

Integrated Practice in Architecture, Notre dame University, Chicago Illinois
Keynote Speaker(2013)

Game Simulation for Teaching Integrated Design

American Institute of Architects Research Summit, Emerging Research Agendas in Architecture,
Research Result Presentation, Seattle Washington (2007)
Invited to Speak

New Models in Visual Communication

Teaching and Technology
University at Buffalo, Buffalo, New York (2002)
Invited to Lecture

Engineering the Organic, Wright, Nature and Structure,

Erie County Historical Society, Buffalo, New York (2000)
Invited to Lecture

Best 20 Minutes of Teaching

Teaching Technology Workshop, Massachusetts Institute of Technology
Boston, Massachusetts, (2000)

The Art of Structural Design

Architecture Lecture Series
University at Buffalo, Buffalo, New York, (1997)

9. PROFESSIONAL HONORS, AWARDS AND FELLOWSHIPS

Achievement Award

To recognize a specific creative achievement in teaching, design, scholarship, research, or service that advances architectural education.

Association of Collegiate Schools of Architecture (ACSA), 2018

Top Scholar Award

For Research and Creative Activities,
Florida International University, 2018

Certificate of Appreciation

Awarded for recognition of creativity to develop conceptual designs for the City of North Miami Beach's Snake Creek Canal Bridge, City of North Miami Beach, 2018

Nominated for best Paper Award

Digital Gaming and Sustainable Design
The Architectural Research Centers Consortium and the European Association of Architectural Educators
Copenhagen, Denmark (2008)

American Institute of Architects Research Summit

A venue to assess new research Methodologies, new standards and criteria for research, and new research priorities appropriate for twenty-first century

Emerging Research Agendas in Architecture Seattle Washington (2007)

Invited to Participate

American Institute of Architects Integrated Practice Issues Forum

A venue to explore the impact of emerging integrated project delivery methods on the professional curricula

Unity Temple, Oak Park, Illinois (2006)

Invited to Participate

American Institute of Architects

A Comprehensive Approach to Teaching Structures Using Advanced Media

Invited to Report Research Results (2005)

Teaching Statics and Strength of Materials Using Digital Technology

Architectural Research Centers Consortium and the European Association of Architectural Educators (2001)

The Best Paper Award

United University Professionals, SUNY-Wide Competitive Award

For presenting a paper at the Architectural Research Centers Consortium and the European Association of

Architectural Educators Conference on Architectural Research,

Professional Development & Quality of Work Life Individual Development Award Program Awarded (2002)

Association of Collegiate Schools of Architecture Technology (ACSA) Fellowship National Competitive Award

To participate and presenting at the technology conference,

Skins: Where Design and Technology Meet

Awarded (2001)

United University Professionals, SUNY-wide competitive award for presenting

A paper at the Architectural Research Centers Consortium and the European Association of Architectural Educators

Conference on Architectural Research,

Professional Development & Quality of Work Life Individual Development Award Program Awarded (2002)

Association of Collegiate Schools of Architecture Technology Fellowship, National competitive award

To participate and present at the technology conference, Skins: Where Design and Technology Meet

Awarded (2001)

Instructional Technologies Scholarship

Scholarship for presenting at the Instructional Technologies (2002)

Association of Collegiate Schools of Architecture (ACSA) Technology Fellowship

National competitive grant to participate in construction materials workshops

Instructional methods seminars and professional development workshops), (2001)

United University Professionals, Professional Development & Quality of Work-life Individual Development Award

SUNY-wide competitive award for presenting a paper at the International Symposium of Structures and Construction

Materials in Santa Clara, Cuba (1998)

Art Park, Lewiston, New York American Institute of Architecture Students President's Award

For a New Building, Art Park Gift Shop and Gallery. The award was given for the project's integration of materials

and highly successful involvement of students and the community in the design process, Architect: Ian Taberner,

Structural Engineer: Shahin Vassigh (1988)

American Institute of Architects, Faculty Research Fellowship

For Teaching, Seismic Design, nationally competitive award to select faculty from around the U.S. to participate in a

seismic training workshop held in San Francisco, California, 1996

Association of Collegiate Schools of Architecture (ACSA) Fellowship

For Presenting Teaching Structural Creativity

Selected to present a paper entitled, A Synthesis of Technology and Art (1996)

The Mohawk Certificate of Merit for Excellence in Design

Project 25, co-editors Mehrdad Hadighi and Shahin Vassigh (1995)

10. NON-ACADEMIC EXPERIENCE

Hadighi Studio for Architecture, Consultant Engineer

Project: Salahuddin Residence, Buffalo, New York (2000)

Performed structural analysis and design for major renovation and expansion of Salahuddin residence

Bettigole Andrews & Clark Inc. Consulting Engineers

Buffalo, New York (1990-1993)

1. Project: New York State Thruway, Chautauqua County, New York

Developed preliminary design drawings and complete engineer's estimates for various contract items including excavation, footings, piers, and concrete decking.

2. Project: New Oregon Bridge Over 18 Mile Creek, Erie County, New York

Performed hydraulic analysis for 28 square miles of drainage basin using FHWA- WSPRO software`

3. Project: Stahley Road Bridge Over Ransom Creek, Erie County, New York

Inspected mainline bridges and large box culverts performed structural load rating, and provided repair recommendations

4. Project: West Project Falls Road Bridge, West Falls, New York

Developed preliminary design and roadway geometry for the new Delaware Avenue profile and side street intersections

5. Project: Delaware Avenue Reconstruction, Buffalo, New York

Developed preliminary design and roadway geometry for the new Delaware Avenue profile and side street intersections

Iffland, Kavanaugh, Waterbury, P.C., Assistant Engineer, New York, New York (1989–1990)

1. Project: Kosciusko Bridge Rehabilitation and Reconstruction, Brooklyn-Queens Expressway, Brooklyn, New York
Performed stress analysis of the superstructure and substructure of Kosciusko bridge

2. Project: NYC Police Auto Pound and Auction Buildings, Queens, New York

Designed structural framing including roof joists columns, grade and floor beams using AISC, ACI building codes

Edwards & Kelcey Consulting Engineers Inc., New York, New York, (1987–1989)

1. Project: Belt Parkway Coney Island Bridge, Rehabilitation and Reconstruction, Brooklyn, NY
Office Engineer, Coordinated the final stage of the construction services for the Coney Island bridge

2. Project: Manhattan Bridge Rehabilitation, Manhattan and Brooklyn, New York (1986-1987)

Assistant Engineer, Primary responsibilities included inspection rehabilitation design, contract drawings, and cost estimates

11. TEACHING

COURSES TAUGHT

Department of Architecture

Florida International University, 2008-Present

Department of Architecture

University at Buffalo, The State University of New York

1997–2007

Department of Architecture

Philadelphia College of Textiles and Science,

Philadelphia, PA, 1995- 1996

Courses

Structural design 1: Statics and Strength of Materials

Structural Design 2: Wood and Steel Analysis and Design

Structural Design 3: Concrete Analysis Design:

Structure and Form

Kinetic Structures

Integrated Building Systems: building systems and their integration in building design

Design Studio : all levels

Experimental Structures

Tall Building Design Studio

Ecology of tall Buildings Seminar

Interdisciplinary Design

12. UNIVERSITY AND PROFESSIONAL SERVICE

UNIVERSITY SERVICE

Tenure and Promotion Committee

College of Communication, Architecture and the Arts
Florida International University (2018-present)

Chair of Search Committee for Architectural Technology position

Department of Architecture
Florida International University (2018-2019)

Associate Deans Council

Office of Research and Economic Development (2016-2018)

Incentivizing Excellent Teaching Workgroup

Florida International University (2017-2018)

Curriculum Committee

Department of Architecture, Florida International University (2013-2015)

Master's Project Committee

Department of Architecture, Florida International University (2008- 2015)

Representative to Graduate Council

College of Communication, Architecture and the Arts
Florida International University (2010-2012)

Co-Chair, Faculty Search Committee

Department of Architecture, Florida International University, (2010-2011)

Portfolio Review Committee

Department of Architecture, Florida International University, (2008- 2015)

Curriculum Committee, Physics and Mathematics Undergraduate Core Subcommittee

College of Communication, Architecture and the Arts, Florida International University (2008)

Situated Technologies Research Group,

University at Buffalo, Department of Architecture, The State University of New York (2006)

Faculty Search Committee

Department of Architecture, University at Buffalo, The State University of New York (2005)

Combined Degree Program Task Force

Department of Architecture, University at Buffalo, The State University of New York (2002)

Accreditation Committee

Department of Architecture, University at Buffalo, The State University of New York (2001)

Awards Committee

Department of Architecture, University at Buffalo, The State University of New York (1995-2000)

Faculty Search Committee

Department of Architecture, University at Buffalo, The State University of New York (2000)

Chair Search Committee

Department of Architecture, University at Buffalo, The State University of New York (1999)

Combined Degree Program Task Force for Architecture and Engineering

Department of Architecture, University at Buffalo, The State University of New York (1999)

Faculty Search Committee

Department of Architecture, University at Buffalo, The State University of New York (1998)

Curriculum Committee

Department of Architecture, University at Buffalo, The State University of New York (1998)

Accreditation Committee

School of Architecture and Design, Philadelphia College of Textile & Science (1996-1997)

Admission Committee

Department of Architecture, University at Buffalo, The State University of New York (1994-1995)

13. PROFESSIONAL ACTIVITIES AND PUBLIC SERVICE)

Secretary and Treasurer

Building Technology Educators' Society, (2009-2011)

Consultant for Structural Design for PerFORM[D]ance House

A solar powered home to be constructed by students on the National Mall

Project PI, Marilys Nepomechie

Department of Energy Solar Decathlon (2009-2011)

American Institute of Architects Research Summit

Emerging Research Agendas in Architecture,
Seattle Washington, Invited to Participate (2007)

ALA Integrated Practice Issues Forum (invited)

Unity Temple, Oak Park, Illinois (2006)

Digital Media Exhibit, Coordinator

The Association for Computer Aided Design in Architecture conference

University at Buffalo, The State University of New York (2001)

Engineering the Organic, Co-Coordinator

Exhibition of Architectural Exhibition on the Partnership of Jaroslav J. Polivka and Frank Lloyd Wright
Erie County Historical Society (1999-2000)

Appendix D

External Consultant's Report



School of Design
Department of Architecture

April 10, 2019

Jason R. Chandler, A.I.A.
Chair & Associate Professor
Department of Architecture
College of Communication, Architecture + The Arts
Florida International University
Miami, FL 33199

Dear Professor Chandler:

I am writing to provide a review of the proposed Doctorate of Design (DDes) in Architecture and Building Technology degree at Florida International University. On my recent visit I was able to meet with the faculty and administrators involved in developing the program and am strongly in support of the proposal. As I mentioned in our meetings, we have looked at similar programs around the world and considered developing one at Penn, but have concluded that it would be too close to our longstanding PhD in Architecture.

Much of the discussion during the visit concerned the purpose, role, or need for such a program, so I will summarize my views on that topic. We also discussed quite a few aspects of the curriculum, scheduling, and student experience for the program, and I will outline the critical points of that discussion. Among the primary values of advanced research degrees are to attract, support, and develop faculty, who can in turn attract, support, and develop students capable of pursuing independent research. I believe that this degree will serve both purposes directly, and advance the capabilities and reputation of the Department and College.

Program Need

As the proposal explains, there are only a few DDes format degrees in the US, though they are more common in the UK and Commonwealth countries. The one that has paved the way in US is at Harvard's Graduate School of Design, which has mostly focused on technology related topics. In my own field we have interviewed a number of graduates from that program over the years and one is now partner at a successful environmental consulting firm and the other has just become Dean at a well regarded architecture school. I see those as the two needs or markets for graduates with such a degree: research based professional practice and academic positions.

207 Meyerson Hall 210 South 34th Street Philadelphia, PA 19104-6311 USA
Tel 215.898.5728 Fax 215.573.2192

Professional Research. In response to the demands of new technologies, new environmental challenges, and new regulatory mandates, the professional practice of architecture has developed teams and specialized consultants pursuing research or analysis that are not directly supported by project fees. These units have typically grown up within larger, multi-office firms and provide both internal consulting for design teams and produce original product development or research publications. They have emerged to offer specific services and also to help firms reposition themselves in a changing professional landscape where traditional services are being taken over by other providers and new services must be developed. The focus of these groups depends on the specific practice and range from sustainability and environmental consulting to digital construction and fabrication.

Academic positions. The DDes is considered a doctoral level degree suitable for academic appointments in the architecture programs in the US. The determination of the terminal degree in Architecture depends on the field or area of specialty. For faculty teaching history and theory of architecture, the doctoral level has been standard for a couple of decades. For faculty teaching in technology related fields it is rapidly becoming required, especially at more competitive programs, while for faculty focused on design, the BArch or MArch are still the norm along with demonstrated excellence in practice.

The requirement for a doctoral level degree for teaching in other countries is much more the norm. It is now generally expected for appointments in schools in China and the Middle East, and increasingly in Latin America. There are limited positions in PhD programs at US Universities, so this is can be a substantial pool of potential students. A considerable part of that international pool, and of the domestic pool as well, will already be in productive positions as junior faculty or professionals, so the non-residential format will be particularly attractive for them.

Curriculum, Scheduling, Student Experience

The new program is being developed to serve both residential and non-residential groups of students and that fact shapes both the curriculum, organization, and scheduling of the program. The two year program is based on distinct cohorts, with the overlap and interaction between the cohorts enhancing the research activities of the students. The critical feature will be the residential periods or camps that will be hosted at the Miami Beach Urban Studios each semester and that will provide the key points of interaction between faculty and students from different cohorts (and from the MArch program), and between residential and non-residential students.

There has been considerable discussion about the correct timing, duration, and intensity of these periods. They have to balance between the different requirements of two cohorts, with the first level mostly taking courses and the second cohort mostly developing and presenting independent projects. The idea of bringing high-level speakers to give lectures or workshops at regular intervals through the residential period seems an excellent way to build the community and cross-fertilize the research initiatives, allowing the

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Tel 215.898.5728 Fax 215.573.2192

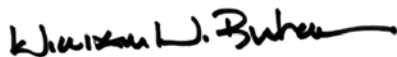
cohorts to come together regularly during the period. Using the Miami Beach Urban Studios also adds an extra attraction to these periods and to the program.

The intensity of the residential periods also answered the question of how the non-residential portion will be managed. Rather than attempting to offer course material in an on-line format, the residential periods will be used to deliver course materials, develop relationships with faculty and within the cohort and to establish expectations for the work pursued independently. In this format, the non-residential work is more focused on follow up and execution, which can be managed with any number of currently popular digital tools, in both synchronous and asynchronous modes. The challenge for this kind of non-residential program will be keeping students engaged and productive while they are back in their regular positions.

The final issue that was considered at length was the matter of primary program faculty and the scale of the program. The current five year plan is based on an annual cohort of 5 students, partly based on the scale of the current Master of Arts in Architecture program (which will effectively be converted into the DDes) and partly based on the number of faculty with PhDs. This seems a sensible size and premise with which to begin the program, and also makes it cost neutral. However there are also a number of other faculty in the Department without PhDs who conduct advanced level research and could supervise DDes students and benefit from working with them. It would seem sensible to develop a mechanism for bringing them into the program, which would add to the appeal of the program and its ability to adapt and grow.

In summary, the DDes is a format of degree recognized in the field and the new program will serve both the faculty of the school and the students attracted to its offerings. I think the format they have developed will be compelling and addresses the challenge of integrating the multiple residential and non-residential groups that they are targeting.

Sincerely,



Dr. William W. Brahm FAIA
Professor and Director, Master of Environmental Building Design

Appendix E

Letters of Support

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Florida Agricultural and Mechanical University

TALLAHASSEE, FLORIDA 32307-3700

TELEPHONE: (850) 599-3244
FAX: (850) 599-3436

SCHOOL OF ARCHITECTURE
& ENGINEERING TECHNOLOGY

February 13, 2020

Brian Schriner, Dean
College of Communication, Architecture + The Arts (CARTA)
Florida International University
Paul L. Cejas School of Architecture Building
11200 SW 8th Street
Miami, FL 33199

Re: Support for the New Doctorate of Design Degree

Dear Dean Schriner,

Thank you for the opportunity to review the proposed Doctorate of Design (DDes) to be offered at Florida International University (FIU). Currently, Florida A&M University (FAMU) does not offer a doctoral degree in this discipline. Instead we offer the Master of Architecture that prepares graduates for a professional career in Architecture and a Master of Science in Architectural Studies with a concentration in Facilities Management. The Doctor of Design, we believe, would add significantly to the contribution of professionals in Architecture in the State of Florida and will also train graduates to be future leaders.

Our faculty are very supportive of FIU's proposed Doctor of Design program and believe that the program is a welcomed addition to the offerings within the State University System (SUS). It has the potential to provide a positive impact in the State of Florida in both industry and academia to create new areas of innovation while at the same time provide graduates with an appropriate terminal degree for those interested in post-secondary careers. FAMU also sees this new program as an opportunity to collaborate and build partnerships that will increase student success for graduates of the program, possibly in the form of postdoctoral research.

Best wishes to your team as they move forward in developing the program.

Sincerely,

Rodner B. Wright, AIA
Dean



Anthony Abbate, AIA, NCARB, Director
SCHOOL OF ARCHITECTURE
111 East Las Olas Boulevard
Fort Lauderdale, FL 33301
tel: 954.762.5654
fax: 954.762.5367
web: www.fau.edu/arch

29 August 2019

Brian Schriner, Dean
College of Communication, Architecture, + the Arts
Florida International University
11200 SW 8th Street
Miami, FL 33199

Dear Dr Schriner

I have received the executive summary for a new degree proposal for a Doctorate of Design (DDes) at Florida International University (FIU) and have shared it with our Curriculum and Pedagogy Committee.

The School of Architecture at Florida Atlantic University (FAU) supports the proposal to replace the current post-professional Master of Arts in Architecture (MAA) degree at Florida International University with the DDes. Replacing the MAA with the DDes would provide additional opportunities for graduate students that currently do not exist while providing a more marketable post-professional credential.

The proposed degree is designed to serve a growing market demand for post-professional specialized credentials and is supported by the technological assets currently housed at FIU. While research-based Ph.D. degree programs prepare graduates for academic teaching and research, a DDes prepares graduates for specialized positions in areas of advanced applied research promoting improvement in the built environment. The DDes would be the first in the State University System of Florida and would fill a gap in the portfolio of degree offerings available in our state as demand for professional leadership and expertise in the field has grown significantly over the years.

On behalf of the School of Architecture we congratulate our colleagues at FIU for addressing the need for providing a course of study and credentials for advanced research and leadership in a critical area of STEM that would serve the state of Florida. We believe it would serve the state both in terms of preparing Floridians for advanced careers and for positioning the Florida as a leader in offering the training necessary to meet the growing demand in the design industry.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Anthony J. Abbate'.

Anthony J. Abbate AIA, NCARB
Professor and Director, School of Architecture
Associate Provost for the Broward Campuses



11.04.2019

To: Dean Brian Schriener, FIU College of Communication, Architecture + The Arts
Re: Letter of Support for proposed FIU Doctorate of Design degree

Dear Dean Schriener:

I am writing to offer my support for the new Doctorate of Design degree proposed by Florida International University College of Communication, Architecture + The Arts. I have reviewed the executive summary and believe you may well have found a special niche, particularly with the on-line delivery of the degree. It seems the proposal will fill an educational gap and the degree will be interestingly stationed within a college including "communication" and "the arts".

I wish you and your colleagues well in this endeavor. If we can offer any assistance please let us know.

Best regards,

A handwritten signature in blue ink, appearing to read "R. MacLeod".

Robert M. MacLeod, AIA
Director & Professor
School of Architecture and Community Design
University of South Florida
Tampa, FL 33620

813.974.6015
<http://arch.usf.edu>

SCHOOL OF ARCHITECTURE AND COMMUNITY DESIGN
University of South Florida • 4202 E. Fowler Ave. HMS 301 • Tampa, Florida 33620-8340
(813) 974-4031 • FAX (813) 974-2557 • www.arch.usf.edu

Patrik Schumacher <Patrik.Schumacher@zaha-hadid.com>
Sat 10/19/2019 3:25 PM Brian Schriner; Jason Chandler

Dean Brian Schriner
Department of Architecture
College of Communication, Architecture + The Arts
Florida International University
11200 SW 8th Street
Miami, FL 33199
USA

Dear Professor Schriner

I have been asked by Professor Leach to comment on the viability of your proposed new minimal residency DDes programme.

I myself have taught on two other minimal residency doctoral programmes, the Digital Design PhD programme at the European Graduate School in Switzerland and the DigitalFUTURES PhD programme in Tongji University, Shanghai. I therefore consider myself to be in a good position to comment on the new DDes proposed by FIU.

One of the remarkable aspects of these two other minimal residency PhD programmes is that they attract an extremely high calibre of student. Many of the students either work in some of the top architectural offices, or are already academics with full time appointments. Their reason for taking a doctoral programme is to advance their careers and give them qualifications that are likely to increase the potential of gaining research funding. The advantage of a minimal residency programme is that it enables them to keep working and maintain their salaries. At the same time those with academic appointments are already research active. This is why these programmes are so attractive to top students. I would fully anticipate that the FIU DDes degree would attract a similar high level of applicants.

The time advantages that bring busy, high level students into the programme are also attractive to part time teachers. Also, the concentrated teaching period generates an intense and thrilling intellectual atmosphere. One of the pleasures of teaching a condensed programme and studying on the EGS PhD program was that tuition took place in the beautiful village of Saas Fee, high up in the Swiss Alps. I would also imagine that studying on Miami Beach would also prove attractive. As you probably know, Zaha Hadid was very fond of Miami Beach and kept an apartment there.

I would like to offer my complete endorsement of this proposed DDes programme. I am sure that it will prove very popular, and attract a great crop of students.

Yours Sincerely
Patrik

Patrik Schumacher
Principal

Zaha Hadid Architects

10 Bowling Green Lane
London EC1R 0BQ
T +44 20 7253 5147
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M +44 7795 823 033
Patrik.Schumacher@zaha-hadid.com
www.zaha-hadid.com

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Zaha Hadid Limited is registered in England and Wales with registered number 3749443 and has its registered office at 10 Bowling Green Lane, London, EC1R 0BQ.

PATRIK SCHUMACHER BIOGRAPHY

Patrik Schumacher is a partner at Zaha Hadid Architects and founding director at the AA Design Research Lab. He joined Zaha Hadid in 1988 and has since been the co-author of many key projects: MAXXI – the National Italian Museum for Art and Architecture of the 21st century in Rome, Seoul's Dong Daemun Design Centre, and the bid-winning design for Tokyo's Olympic stadium for 2020. In 2010, he won the Royal Institute of British Architects' Stirling Prize for excellence in architecture.

Patrik Schumacher studied philosophy, mathematics, and architecture in Bonn, London, and Stuttgart, where he received his Diploma in Architecture in 1990. In 1999, he completed his PhD at the Institute for Cultural Science, Klagenfurt University. In 1996, he founded the "Design Research Laboratory" with Brett Steele at the Architectural Association in London and continues to teach in the program. Since 2000, Patrik Schumacher is also guest professor at the University of Applied Arts in Vienna. In 2013, he was appointed as the first John Portman Chair in Architecture at Harvard University's Graduate School of Design. In 2010 and 2012, he published the two volumes of his theoretical opus magnum *The Autopoiesis of Architecture*. In 2002, Patrik Schumacher curated *Latent Utopias - Experiments within Contemporary Architecture*, and he is currently planning the exhibition *Parametricism – The New International Style*.

Local Architectural Firms



Member of the SNC-Lavalin Group

Atkins

800 Waterford Way, Suite 700
Miami, Florida, 33126

Tel: +1.305.592.7275

Fax: +1.305.597.9446

Direct: +1.305.514.2000

david.harper@atkinsglobal.com

Dean Brian Schriner
Florida International University
College of Architecture + The Arts
11200 SW 8 Street
Miami, Florida 33199

atkinsglobal.com

snclavalin.com

08 May 2020

Re: Support for New Doctor of Design Degree

Dear Dean Brian Schriner,

I am writing to offer my support for the new Doctor of Design degree proposed by the Department of Architecture in the College of Communication, Architecture + The Arts at FIU. As you know we had some discussion about my interest in a Doctor of Design program several years ago. Post professional degrees such as this doctorate are increasingly desirable in our profession especially due to the increasing interdisciplinary nature of our profession.

The Doctor of Design is a desirable credential for our firm's leadership positions and research initiatives. Our firm has a history of hiring PhD level staff to provide the thought leadership we seek on a wide variety of environmental and engineering areas of practice. We would welcome the greater availability of Architects with similar educational credentials and would expect them to receive compensation commensurate with their educational and experience background.

I will add that when this degree is offered, our firm would be very interested in working with you to enhance the program.

With very best wishes,

David M. Harper, AIA, LEED AP
Sr. Practice Director / Chief Design Officer
Architecture and Architecture Engineering

May 11, 2020

Dean Brian Schriner
College of Communication, Architecture + The Arts
Florida International University

RE: Support for new Doctor of Design degree

Dear Dean Brian Schriner,

I am writing to offer my support for the new Doctor of Design degree proposed by the Department of Architecture in the College of Communication, Architecture + The Arts at FIU. Post professional degrees such as this doctorate are increasingly desirable in our profession. I find it challenging to hire accomplished talent in South Florida and those with this degree are what we are looking for.

The Doctor of Design is a desirable credential for our firm's leadership positions and research initiatives. Those who possess it would be hired with compensation commensurate with their educational and experience background.

I will add that when this degree is offered, our firm would be very interested in working with you to enhance your educational offerings.

Best regards,



Willy A. Bermello
Principal, Chairman of the Board

WAB/lba



May 11, 2020

Dean Brian Schriener
College of Communication, Architecture + The Arts
Florida International University

**RE: SUPPORT FOR NEW DOCTOR OF DESIGN DEGREE
FLORIDA INTERNATIONAL UNIVERSITY COLLEGE OF COMMUNICATIONS,
ARCHITECTURE & THE ARTS**

Dear Brian,

I am writing to offer my support and encouragement for the new Doctor of Design degree proposed by the Department of Architecture in the College of Communication, Architecture + The Arts at FIU. Post professional degrees such as this doctorate are increasingly desirable in our profession. Our profession continues to be challenged to grow and hire accomplished talent world-wide. By FIU CARTA offering a Doctorate Design degree, the University you would be deepening the presence and talent in South Florida, and in turn raising the bar of design excellence, research and innovation in our community.

For Gensler, research and innovation is the hallmark of our firm. The ability to have top talent with a Doctor of Design is a desirable credential for our firm's leadership positions and research initiatives. Those who possess this degree, I believe would be strong candidates for hire for leadership roles and growth opportunities that come with the compensation commensurate with their education and experience.

I will add that when this degree is offered, our firm would continue to be supportive in any way possible, as well as to work with you and your professors to enhance your educational offerings for this program.

Warm regards,

A handwritten signature in black ink, appearing to be "Diana".

Diana Farmer-Gonzalez, IIDA, AAIA
Principal / Managing Director / Gensler Miami



Arthur Brito, LEED AP BD+C, WELL AP, EDAC, DGNB
Principal, Director of Health Miami

HKS Architects
2020 Salzedo Street, 4th Floor
33134 Coral Gables, FL
Florida License # F000119

May 8th, 2020

Dean Brian Schriener
College of Communication, Architecture + The Arts
Florida International University

Re: Support for new Doctor of Design degree

Dear Dean Brian Schriener,

I am writing to present my strong support for the Doctor of Design degree envisioned by your Department of Architecture, part of the College of Communication, Architecture + The Arts at the Florida International University. Such highly commended degree is increasingly valued amongst our professional community and aligns with HKS's vision for the future of the architecture and design professions.

HKS has long integrated research and practice, either through our 501c3 entity CADRE, the Center for Advanced Research and Evaluation, or in our HKS Research studio practice, where Doctor of Design credential is a requirement for many leadership and practicing positions, with subsequent compensation premium proportional to the esteemed title.

Finally, as the degree becomes a reality, HKS would be interested in collaborating with its faculty and leadership to further improve its integration with the professional practice.

Sincerely,

Arthur Brito, AIA, CAU, EDAC, LEED AP BD+C, WELL AP, DGNB Auditor

Director of Health Miami, Principal

2020 Salzedo St, 4th Floor, Coral Gables, FL 33134

+1 305 967 6028 | m +1 786 747 5711 | abrito@hksinc.com

05.07.20

Dean Brian Schrinier
College of Communication, Architecture + The Arts
Florida International University

Re: Support For New Doctor Of Design Degree

Dean Schrinier,

I am encouraged to hear about the new Doctor of Design Degree proposed by the Department of Architecture in the College of Communication, Architecture + The Arts at FIU. This letter is to lend my support for post-professional degrees such as this doctorate. Our profession will benefit from this level of academic rigor and thinking.

The Doctor of Design is a desirable credential for our firm's leadership positions and research initiatives. MCHarry Associates would consider hiring graduates of this program and offer compensation commensurate with their level of education and experience.

Most of our staff are talented graduates from FIU and we will continue to work with you to contribute to the advancement of this new program.

Yours Sincerely

MCHarry Associates, Inc

Craig Aquart, AIA, NOMA, RID, CSI
Principal

May 11, 2020

Re: Support for new Doctor of Design degree

Dear Dean Brian Schriener,

I am writing to offer my support for the new Doctor of Design degree proposed by the Department of Architecture in the College of Communication, Architecture + The Arts at FIU. Post professional degrees such as this doctorate are increasingly desirable in our profession. I find it challenging to hire accomplished talent in South Florida and those with this degree are what we are looking for and will add to the significant roster of FIU grads currently in the Perkins and Will, Miami Studio.

The Doctor of Design is a desirable credential for our firm's leadership positions and research initiatives.

Those who possess it would be hired with compensation commensurate with their educational and experience background.

I will add that when this degree is offered, our firm would be very interested in working with you to enhance your educational offerings.

With very best wishes,



Lawrence S. Kline
Principal, Managing Director
PERKINS and WILL

cc: Pat Bosch, Perkins and Will

February 25, 2020

Christy England
Vice Chancellor and Chief Academic Officer
Academic and Student Affairs
State University System of Florida International University
Board of Governors
325 West Gaines Street
Tallahassee, Florida 32399-0400

Dear Dr. England:

At its September 18, 2019 meeting, the FIU Board of Trustees approved the proposal for a new Doctor of Design (CIP 4.0902). The electronic version of the proposal is attached, along with the required signatures.

We look forward to working with you and your staff in presenting this degree proposal to the Board of Governors at their June 2020 meeting.

Please do not hesitate to contact me as you ready the degree for approval.

Sincerely,



Kenneth G. Furton
Provost and Executive Vice President

c: Dr. Traki Taylor
Dr. Elizabeth Bejar
Dr. Susan Himburg

Kenneth G. Furton
Provost and Executive Vice President
Modesto A. Maidique Campus, PC 526, 11200 SW 8 Street, Miami, FL 33199
Tel 305-348-2151 • Fax 305-348-2994 • provost.fiu.edu

May 12, 2020

Christy England
Vice Chancellor and Chief Academic Officer
Academic and Student Affairs
State University System of Florida
Board of Governors
325 West Gaines Street
Tallahassee, Florida 32399-0400

Dear Dr. England:

Attached please find the requested responses, the new degree proposal in Word with track changed revisions, a final PDF version of the revised proposal, and a revised Appendix E - Support Letters regarding the Doctor of Design.

Thank you for the opportunity to provide further clarification to this proposed degree. Please do not hesitate to contact me if you have any further questions.

Sincerely,



Kenneth G. Furton
Provost and Executive Vice President

c: Dr. Traki Taylor

Kenneth G. Furton
Provost and Executive Vice President
Modesto A. Maidique Campus, PC 526, 11200 SW 8 Street, Miami, FL 33199
Tel 305-348-2151 • Fax 305-348-2994 • provost.fiu.edu

FIU Response to the Initial Review of the Doctor of Design

Substantive Issues:

Pursuant to Section II.A. of the proposal, please provide information regarding community support and local workforce demand for the program. Additionally, please provide evidence that this program would result in a salary increase for graduates currently employed in the field of architecture.

FIU revised Section II.A. using track changes reflecting added information. While a doctoral degree does not generally focus on local demand, given the degree is a professional doctorate, local architectural firms responded to our request for letters of support (Appendix E). In addition, data from the Bureau of Labor Statistics was updated to 2018-28 and a reference regarding the salary enhancement of a doctoral degree is now included in this section. Our local architectural support letters also reflect that salaries in higher-level positions utilizing the skills of a professional doctorate would reflect this higher qualification.

Please provide a detailed breakdown of the tuition per credit hour, all required fees, and the total cost of the program to the student pursuant to Section III. B. of the proposal.

Please see revised Section III.B. for tuition and fee information.

Please explain the source of the Philanthropy and Endowment funds reflected in years 1 and 5 in Table 2-Appendix A, as well as the source of the Contracts and Grants funding listed in year 5 in Table 2-Appendix A. The funds were not explained in Section III. A. of the proposal as required.

Please see revised Section III.A. for Dean Brian Schriener's commitment for the College of Communication, Architecture + the Arts Foundation funds which will be earmarked for this program. In addition, a cross reference to Section III.E. was added to refer the reader to the types of current NSF funding currently awarded to FIU in which CARTA/Architecture faculty participate. Upon approval of the new degree, future grant applications will include assistantships for these doctoral students (Appendix A Table 2 Budget -Year 5).

Pursuant to Section VIII.C. of the proposal, please provide all of the curriculum information required, or provide a reference to where this information is provided in the proposal.

Please see revised Section VIII.C. for complete curriculum details.

Technical Issues:

Please include the total required number of credit hours, and examples of possible employment or educational opportunities available to program graduates in Section I.A. of the proposal.

Please see revised Section I.A. for further examples of possible employment for graduates.

Please include the course numbers for courses listed in the program of study in Section VIII.D. of the proposal.

Please see revised Section VIII.D. for the addition of course numbers from the course description section.