



STATE
UNIVERSITY
SYSTEM
of FLORIDA
Board of Governors

**Staff Analysis:
University of Central Florida Proposal for a Downtown Campus**

December 16, 2016

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The University of Central Florida Proposal, the Board Staff Analysis, and the University of Central Florida Addendum to its Proposal

On October 20, 2015 the University of Central Florida (UCF) submitted a proposal for requesting a Type I Downtown Campus, in time to place its request on the Board of Governors November 2015 agenda. The Board of Governors staff produced an analysis of the proposal in which it raised a number of questions, particularly with regard to the critical issue of enrollment projections. This staff analysis was shared with the UCF administration. Subsequently, UCF requested and received approval to have its request tabled until the January 2016 meeting of the Board of Governors. On December 4, 2015, UCF submitted an addendum to its proposal.

UCF's December 4, 2015 addendum provides a clarification of UCF's mission as a metropolitan university and its impact in the region and the state as well as a rationale for the following items:

- additional academic facilities,
- enrollment projections and how many students UCF can accommodate at the Downtown Campus,
- a presence in downtown Orlando,
- the selection of the academic programs that UCF believes would be enhanced by the downtown Orlando environment,
- the prospects of preparing students for employment due to the Downtown Campus environment,
- inclusion of students who take 100% online courses in its Downtown Campus enrollment projections, and
- the reason that UCF proposes building housing and other support services at the Downtown Campus,

Several questions raised in the Board's October 30, 2015 staff analysis have not been addressed by UCF's December 4, 2015 addendum, and the additional information provided by UCF with regard to enrollments continues, in the opinion of Board staff, to raise questions.

For the sake of convenience to the reader, the UCF addendum is provided directly following this staff analysis. The Board of Governors is urged to review the original UCF proposal, this staff analysis, and the proposal's December 4, 2015 addendum.

Project Scope and Purpose

The UCF proposal indicates that the Downtown Campus would transform the University's current downtown offerings by strategically relocating academic programs from the main campus. The University maintains that the proposed relocation would

create a world-class site for digital media, communication, public service, and health-related programs in an innovative urban environment. UCF's existing Center for Emerging Media would anchor the site for the Downtown Campus expansion. The Center for Emerging Media is currently home to UCF's Master's in Interactive Entertainment offered by the Florida Interactive Entertainment Academy. The Academy is cited as the number two ranked video gaming graduate school in North America.

Enhancement of collaboration between UCF and Valencia College is envisioned at the Downtown Campus. The proposal projects that a partnership with Valencia College at the Downtown Campus will enable students to earn a bachelor's degree at approximately \$6,000 less in terms of tuition than the State University System (SUS) average tuition.

The proposal anticipates that moving programs to a Downtown Campus would free up needed space on UCF's main campus. This forecast, however, is predicated on meeting enrollment projections, and the subject of accurate enrollment estimates is addressed later in this staff analysis.

The proposal indicates that Downtown Orlando has more than 74,000 jobs and this provides potential opportunities for students and graduates. If this estimate of jobs is accurate, it is not clear whether these are all *unfilled* jobs and whether these are jobs that would be targeted toward graduates from the Downtown Campus programs.

The UCF proposal indicates that the Downtown Campus would provide greater opportunity for degree attainment in a historically underserved area. UCF indicates that degree attainment in downtown Orlando is lower than the averages of the surrounding area and that, while downtown Orlando matches national degree production figures, degree attainment in the specific area associated with the Downtown Campus site lags behind the county and the city surrounding it.

Regarding the question of purpose, the Board of Governors should consider the primary question of whether the overall project is a response to an unmet demand for postsecondary education, economic development, or both. Regarding the question of scope, UCF's downtown Center for Emerging Media appears to be currently under-utilized. If this is the case, the Board of Governors should consider whether building more infrastructure downtown is desirable.

Project Operational Costs, Capital Costs, and Revenues

First year operational costs are estimated to be \$44,456,804. These dollars would be comprised of Education and General funding (\$34,928,143) and Contracts and Auxiliary funding (\$9,528,661). Year One revenues are projected to total \$45,059,159. Approximately 61% of Year One revenue dollars would be associated with tuition,

tuition differential, and out-of-state student tuition fees. This is why it is imperative that enrollment projections are met. The Downtown Campus is estimated to have \$602,532, or 2%, operating net revenues over net expenses in Year One. This trend is also true for Years Two through Five, with net revenues over net expenses of 3% for each of those years.

Capital costs totaling \$60M would be associated with the addition of one new academic building. One third of these dollars, \$20M, would require approval of PECO funding by the Board of Governors, the Florida Legislature, and the Governor. Additional unspecified costs would be associated with renovation of the Center for Emerging Media facility. UCF indicated to Board staff that it does not plan to ask for additional funds related to the Downtown Campus in the 5-year planning horizon. If the project proves to be successful, however, additional capital costs may surface beyond that time period.

A second third of the \$60M would be associated with funds provided by UCF. The proposal does not provide specific information as to the source of these funds. The final third of the necessary funding would be sought from private sources, such as donations.

Ancillary development would include housing, parking, and a new combined heat and power plant. A new UCF housing facility consisting of 300 beds is estimated to cost \$20M. A new parking facility and heat and power plant is estimated to cost \$15M. Construction of these facilities would require bonding authority. Other Downtown Campus infrastructure costs include shuttle service to the main campus, safety and security costs, telecommunications resources for the Downtown Campus, and library services costs.

Whether or not students are full-time or part-time may have a bearing on the extent to which they would take advantage of dormitory living. Table One below indicates the percentage of Spring 2015 part-time students enrolled in the UCF programs proposed for relocation.

Table One: Percentage of Spring 2015 Part-time Students Enrolled in Programs Proposed for Relocation		
	Bachelor's	Master's
Digital Arts	36%	0%
Health Information Management	50%	76%
Health Professions and Related Programs	27%	50%
Health Services Administration	48%	
Legal Assisting	27%	
Social Work, General	30%	25%
Speech Communication and Rhetoric	26%	49%

Studio/Fine Art (Character Animation*)	30%	13%
Total	32%	1
<i>Source: State University Data System</i> <i>* The percent part-time for the Character Animation major under Studio/Fine Art cannot be calculated separately.</i> ¹ The master's degree is not moving downtown.		

Similarly, students' ages may affect their likelihood for taking advantage of dormitory living. Table Two below provides the average age of Spring 2015 students enrolled in UCF programs proposed for relocation.

Table Two: Average Age of Spring 2015 Students Enrolled in UCF Programs Proposed for Relocation		
	Bachelor's	Master's
Digital Arts	23	26
Health Information Management	29	30
Health Professions and Related Programs	22	29
Health Services Administration	26	
Legal Assisting	25	
Social Work, General	28	30
Speech Communication and Rhetoric	23	28
Studio/Fine Art (Character Animation*) ¹	23	²
<i>Source: State University Data System</i> <i>* The average age for the Character Animation major under Studio/Fine Art cannot be calculated separately.</i> ¹ Only one major under this CIP is moving downtown and the UCF proposal addresses that. ² The master's level program is not moving downtown.		

Project Priority

The priority of the UCF Downtown Campus as compared to other System priorities should be a consideration for the Board of Governors. The State University System is in the process of building out a 12th university. It is understood from Florida Polytechnic University leadership that future capital and operational investments will be inevitable. Given the criticality of success for Florida Polytechnic as an SUS priority, and given finite resources, the Board of Governors should consider the extent to which the UCF Downtown Campus can be considered as a System priority. Other priorities of longstanding include Florida State University's Earth Ocean Atmospheric Sciences Building, the University of Florida's remodeling of Norman Hall, Florida Atlantic University's renovation and addition to the Jupiter Research Building, Florida International University's satellite chiller plant expansion, and the University of West Florida's Laboratory Sciences Annex.

Need and Demand

The proposal states that the programs to be relocated to the Downtown Campus will build on downtown Orlando's creative technology economy as well as its growing health care sector, where greater than average job growth is projected to transpire through 2022 according to industry and U.S. Department of Labor projections. UCF indicates that the programs proposed for relocation have experienced growth exceeding nearly 22%.

The proposal states that employment demand is strong and growing fast in Orlando, which was recently ranked by *Forbes'* magazine as one of the nation's best cities for future job growth. In particular, UCF cites the growth in demand for graduates in health informatics, and digital media. UCF indicates that five of the fields that map to the degree programs proposed for relocation to the Downtown Campus are included on the 2014-15 Regional Demand Occupations List for Lake, Orange, Osceola, Seminole, and Sumter counties.

Meeting Enrollments

The proposal is enthusiastic with regard to meeting estimated enrollments. The Board of Governors should be clear as to the Memorandum of Understanding between the City of Orlando and UCF containing a statement that all deeds for transfer of the property shall contain a reversion clause requiring, in part, that the Downtown Campus serve a minimum number of students, to be agreed upon by both parties. It is unclear if this minimum number of students has been set, or how it relates to the UCF Year One 5,395 students projected in the proposal. UCF did not respond to this issue in its December 4, 2015 addendum.

The following excerpt is provided from pages 7 and 8 of the minutes from the February 19, 2015 Board of Governors meeting at Tallahassee Community College:

Members asked about the projected \$45 million in projected philanthropic contributions, particularly whether those funds would be in addition to contributions sought for the main campus. Questions were also raised about the \$22.5 million value being placed on the land the City of Orlando currently leases to UCF for \$1.00 per year, which is subject to a reverter clause. President Hitt assured members the \$45 million in philanthropic contributions will be solely related to the downtown campus. While President Hitt acknowledged the logic for valuing the City's contribution at \$1.00 per year based on UCF's lease, he said the City stepped up when UCF needed the help and contributed \$4 million in renovation costs to the existing building. Chair Hosseini remarked that they need to look at the lease and the reverter clause. He emphasized the need for a clean title from the City when UCF returns for approval of the campus as a new educational site.

Realizing enrollments entails a complex interplay between (1) the initial accuracy of enrollment projections, (2) considerations as to which programs would be most appropriate to relocate, (3) the choice of programs to move downtown that are currently being offered at regional campuses, (4) the choice of programs to move downtown that are currently being offered wholly or in part online, and (5) realistic prospects for internships in general, as well as specifically for those programs that require an internship as part of program requirements. The Board of Governors should carefully consider the interplay among these considerations, and, therefore, each is articulated in the sections below.

Initial Enrollment Projections

The proposal indicates that the completion of the Downtown Campus would allow the UCF Downtown Campus to reach a Year One critical mass of more than 7,500 students, 5,395 of whom would be UCF students and 2,303 of whom would be Valencia College students enrolled at the lower level. Table Three below provides the proposal's estimates of UCF headcount and FTE enrollments for Years One and Five. The Table breaks out these projections by undergraduate and graduate offerings. In this table, projections are in the aggregate as opposed to being broken out by individual programs.

Table Three: Years One and Five Projected UCF Downtown Campus Enrollment			
		HEADCOUNT	FTE
Undergraduate	Year 1	4,512	3,288
	Year 5	4,885	3,560
Graduate	Year 1	883	505
	Year 5	955	546

Source: UCF Downtown Campus Proposal

Table Four below provides more specificity as to UCF enrollment projections. Here, the projections are broken out by individual programs. Year One headcount and FTE projections are provided for each proposed academic offering, as well as the percentages of the whole that each represents.

Table Four: Degree Programs Proposed for Movement, UCF Year One Headcount and FTE Estimates, And Percentages of the Whole				
Program	HDCT	FTE	% HDCT	% FTE
B Human Communication	850	858	16%	23%
B Legal Studies	755	445	14%	12%
B Social Work	384	222	7%	6%
B Digital Media	884	455	16%	12%

BFA Emerging Media; Character Animation	45	23	1%	1%
B Health Services Administration	1,445	1,165	27%	31%
B Health Informatics and Information Management	149	120	3%	3%
M Communication	60	22	1%	1%
M Social Work	303	254	6%	7%
M Digital Media and Interactive Entertainment	128	67	2%	2%
M Health Sciences	298	124	5%	3%
M Health Care Informatics	82	34	2%	1%
Graduate Certificate: Corporate Communication	12	3	0%	0%
Graduate Certificate: Military Social Work	0	0	0%	0%
Total	5,395	3,792	100%	100%
<i>Source: HDCT and FTE: UCF Downtown Campus Proposal % HDCT and % FTE: calculated by Board of Governors Staff (Percentage columns are added to equal 100%. Percentages may not add to 100% due to rounding.)</i>				

The Board of Governors should question the extent to which enrollments at the UCF Downtown location may be optimistic, because they appear to be based on past enrollments at the six digit Classification of Instructional Program (CIP) Code level, which includes all majors being offered under the CIP. However, some of the “programs” proposed to be offered downtown appear to be a single major embedded with other majors under the same CIP code based upon a review of the UCF program website, and not all of the majors in the CIP appear to be moving downtown. As one example, The Bachelor of Arts in Human Communication appears to be a major under CIP 09.0101, along with Advertising/Public Relations, and Communication and Conflict. However, enrollment projections for the Bachelor of Arts in Human Communication at the Downtown Campus appear to be based on all three majors under the same CIP code, rather than just the one. Therefore, the enrollment projection for Human Communication risks being over-estimated. UCF did not respond to this issue in its December 4, 2015 addendum.

The proposal and the addendum to the proposal imply that because the entire program is being relocated downtown, the students enrolled in the program will also be located downtown. While the students may in fact visit the downtown campus for some face-to-face courses, advising, testing, and campus activities, it should be noted that the percentage of students who appear to be taking most of their coursework at regional campuses or through distance learning is significant. Also, as expected with the UCF distributed instruction model, a significant number of students are taking courses at multiple campuses and/or through distance learning.

Board staff calculated which students were predominately main campus students, regional campus students, or distance learning students by analyzing course-level data reported by UCF for the 2014-2015 Academic Year. The threshold used for this analysis was where or how students took 75 percent of their courses. The rationale for using this threshold was that students who were predominantly taking courses at Cocoa or Palm Bay would not likely be able to commute or relocate and take their courses at the proposed downtown Orlando location. Similarly a predominately distance learning student might visit the campus less frequently than one who was predominately taking classroom courses. The proposal and the addendum do not make clear what impact this distributed enrollment pattern might have on the ability of the Downtown Campus to anchor the Creative Village redevelopment project, or how it might impact the need for new facilities.

Table Five compares the number of current students enrolled in the relocated programs who were found to be taking 75 percent of their coursework at the main campus with the Fall 2018 enrollment projections in the UCF Downtown Campus proposal. The primary question the analysis raised is whether the projected Downtown Campus enrollment of 5,383 students is realistic considering that only 3,374 of the current students are predominately main campus students, and the remainder are either predominately regional campus, distance learning, or multiple campus students.

Table Five: Comparison of 2014-15 Enrollments On the UCF Main Campus And Year One Downtown Campus Enrollment Projections		
Program	2014-15 Students who took 75% of their courses on UCF Main Campus	UCF's Year One Downtown Campus Enrollment Projections
B Human Communication (80 - 90 % courses available online)	522	850
B Legal Studies	404	755
B Social Work	344	384
B Digital Media	719	884
B Emerging Media; Character Animation	493	45
B Health Services Administration (also available 100% online)	189	1,445
B Health Informatics and Information Management	20	149

M Communication	83	60
M Social Work (also available 100% online)	234	303
M Digital Media; Interactive Entertainment	119 (at Downtown CEM)	128
M Health Sciences (one major also available 100% online)	247	298
M Health Informatics and Information Management (one major also available 100% online)	0	82
Total	3,374	5,383
<i>Sources: Board staff analysis of State University Data System data as of 10/27/2015 Enrollment projections from UCF Downtown Campus Proposal</i>		

In its December 4, 2015 addendum (page six), UCF posits that the Board’s staff analysis represents a different time period because it considers actual enrollment data, and does not take into account projected growth, whereas the UCF projections are based on Fall 2018, with 2% annual growth. Board staff continue to question enrollment projections, in particular projections of students who will be taking coursework and engaged in activities on the Downtown Campus.

Appropriateness of Moving Certain Programs

With regard to the appropriateness of moving certain of the programs to the Downtown Campus, two of the academic programs – Health Services Administration and Health Informatics and Information Management – would account for 35% of the undergraduate headcount enrollment in Year One. The Board of Governors may wish to question the proposed movement of the Healthcare Administration and the Health Informatics and Information Management programs to the Downtown Campus, since those programs align well with business programs at UCF’s main campus or, alternately, with programs associated with the Medical City at Lake Nona.

The Board of Governors may also have questions with regard to the proposed movement of other academic offerings. For example, the Bachelor of Arts in Digital Media has two tracks: Game Design and Web Design. Game Design fits well with other offerings at the Center for Emerging Media Downtown; however, this may be less so in the case of Web Design, which may be a better fit with computer science and information technology programs on the main campus. Furthermore, if only one of the tracks would be moved to the Downtown Campus, the enrollment split between the two majors would affect the enrollment projections at the downtown site.

Current Provision of Programs at Other Geographic Locations

The map in Appendix I shows UCF’s educational sites and geographic coverage within five to fifteen miles of downtown Orlando. Certain of the programs proposed for movement to the Downtown Campus are also offered at some of these regional joint-use campuses. It may not be realistic to expect that students in these programs on the joint-use campuses will migrate to a Downtown Campus. An additional question is whether projected enrollments for downtown have been adjusted to account for any place-bound regional enrollments. In addition, it is unclear whether there is excess capacity that could be utilized at any of the regional joint-use sites. A response to this issue was not provided in the December 4, 2015 addendum.

In its December 4, 2015 addendum UCF has stated that it intends to fully relocate programs to the Downtown Campus and that “The faculty, department resources, student advising, and other offices will moving – and the students will still be engaged and on the campus, even if they are not taking face-to-face instruction.” Table Six below provides information as to the current locations of certain of the programs proposed for movement to the Downtown Campus. A point of particular relevance is that the Bachelor’s in Health Services Administration is projected to account for 32% of the Year One undergraduate enrollment at the Downtown Campus.

Human Communication	Offered at 5 regional campuses and also appears to be one of three majors (or tracks) under one CIP code, not a single program
Legal Studies	Offered at 5 regional campuses
BFA Character Animation	Currently offered at the Center for Emerging Media, but one of 3 majors under the same CIP code
B Health Services Administration	Also offered online
B.A. Digital Media	Has two majors under the same CIP code, but not clear if both majors are moving Downtown
Master’s in Social Work	Offered as evening part-time courses and also entirely offered online
Professional Science Master’s in Healthcare Informatics	Entirely online and also a market tuition rate program
<i>Source: Board staff review of UCF website</i>	

The UCF December 4, 2015 addendum did not provide further information as to programs proposed for relocation to the Downtown Campus and the potential impact on current sites where they are offered.

Enrollments Associated with Distance Learning

In its December 4, 2015 addendum (page five), UCF defends its inclusion of distance learning students in its enrollment projections, because “The faculty, department resources, student advising, and other offices will be moving – and the students will still be engaged and on the campus, even if they are not taking face-to-face instruction.” Board staff continue to question the extent to which non-face-to-face students will see faculty and advisors, use recreation centers, and engage in student organizations on a limited basis.

Furthermore, in its indication of the impact of distance learning on Downtown Campus enrollment projections (page six, UCF December 4, 2015 addendum), UCF indicates that, by its own definition, a face-to-face student is one who enrolls in *at least* one face-to-face course across the academic year. Another way of stating this is that a face-to-face student is one who enrolls in *as little* as one face-to-face course across the academic year. The Board of Governors should continue to question the extent to which the students will spend time on the Downtown Campus engaged in academic and other activities.

Several of the programs targeted for the Downtown Campus currently include at least one major online component. Therefore, the Board of Governors should question whether enrollments in these programs will fully materialize on the Downtown Campus.

It is important to note that the Bachelor’s program in Health Services Administration, proposed for movement to the Downtown Campus, is offered 100% online, and that this program is projected to constitute 32% of the Year One undergraduate enrollment on the Downtown Campus. The Master’s of Social Work is currently offered as a part-time evening program for working professionals and also available online. This program is projected to account for 303, or 34%, of the Year One headcount enrollment at the graduate level.

Table Seven below identifies programs proposed for relocation to the UCF Downtown Campus and their 2014-15 distance learning enrollments. It may not be realistic to assume that these distance learning enrollments constitute a significant face-to-face presence at the Downtown Campus.

Table Seven: Programs Proposed for Relocation to Downtown Campus And Their 2014-15 Distance Learning Enrollments	
Programs Proposed for Relocation to Downtown Campus	2014-15 Distance Learning Enrollments
B Human Communications	100
B Legal Studies	130
B Social Work	27
B Digital Media	25
B Emerging Media; Character Animation	17
B Health Services Administration	1,068
B Health Informatics and Information Management	41
M Communication	7
M Social Work	21
M Digital Media; Interactive Entertainment	1
M Health Sciences	63
M Health Care Informatics	78
Total Distance Learning Enrollments	1,578
<i>Source: State University Data System as of 10/27/2015</i>	
<i>Enrollments for the individual campuses and distance learning were calculated by identifying students who took 75% of their courses at one campus or through distance learning during the 2014-2015 academic year.</i>	

Internship Availability and Requirements

The relation between enrollment expectations and provision of internships is highly relevant. However, the Board of Governors should question the extent to which proximity to businesses and organizations in downtown Orlando will provide an appreciable internship benefit to the large majority of these students.

The proposal posits that a Downtown Campus will connect students with diverse businesses, government entities, and nonprofits. The proposal contains letters of support that reference internships, and the proposal indicates that approximately 100 downtown and nearby organizations have expressed interest in working with UCF

students and faculty. While internships are referenced in the letters of support, quantification of internships is not provided, nor was it provided in UCF's December 4, 2015 addendum. Historically, and in most disciplines, the opportunity for internships is made available a few at a time. It is, therefore, relevant to question the opportunity for internships associated with the Downtown Campus on anything like a major scale.

Other institutions of higher education also located in the Downtown Orlando area that have similar programs may provide competition in the search for internship placements. According to the Expertnet/Talentnet Statewide Program Inventory, in Workforce Region 12, the Orlando metropolitan area, there are (including UCF):

- 15 institutions offering bachelor's or master's programs in Healthcare Administration;
- 7 institutions offering bachelor's or master's programs in Healthcare Information/Medical Informatics;
- 6 institutions offering bachelor's or master's programs in Legal Studies (not counting the FAMU Law School); and
- 4 institutions offering bachelor's or master's programs in Digital Media, Animation, or Computer Art.

Although the majority of these institutions are independent for-profit colleges and universities, the Board of Governors should ask if there has been an analysis to determine whether these institutions' students will be competing with UCF students for internships and job opportunities in downtown Orlando. In addition, the Board may ask whether there has been any discussion with the FAMU College of Law, which is near the proposed UCF site, to ensure that Legal Studies students will not be impacting the availability of legal clinical clerkships in downtown Orlando.

A field internship is a graduation requirement for four programs that would be located on the new campus, and students in these programs are routinely placed in internships throughout Florida. The Bachelor of Science in Health Administration and the Bachelor of Science in Health Informatics and Management program websites provide a list of possible internship sites scattered across Florida, including sites in Miami, Tampa, St. Petersburg, Bradenton, Jacksonville, Winter Park, St. Augustine, Altamonte Springs, West Palm Beach, and Deland as well as in Orlando. As noted above, these programs are associated with a large portion of the expected Downtown Campus enrollment. Similarly, the Bachelor of Science in Social Work requires a field internship for graduation, and this program is projected to constitute 384 headcount students at the Downtown Campus in Year One. The Master's of Social Work also requires a field clinical/internship. This program is projected to account for 303 headcount students in Year One.

Academic and Research Synergies

It has long been understood that interdisciplinary connections across academic disciplines create value-added synergies of teaching and research for both faculty and students. The UCF proposal states that such synergies will be maintained even with the movement of certain programs to the Downtown Campus. History has demonstrated, however, that proximity is a key to collaboration; indeed, it has been the argument for the construction of several SUS facilities. Proximity has been demonstrated to increase collaboration. An example is Florida State University's High-Performance Materials Institute which is proximate to FSU's Superconductivity Center, its Center for Advanced Power Systems, its National High Magnetic Field Laboratory, and the Florida Agricultural and Mechanical-FSU College of Engineering. The Board of Governors should ask whether collaboration can be sustained over time, given absence of proximity. This issue was not addressed in UCF's December 4, 2015 addendum.

Appendix 1: UCF Geographic Coverage Near Downtown Orlando

