

**FLORIDA INTERNATIONAL UNIVERSITY**

**Strategic Land Acquisition  
Modesto A. Maidique Campus**



**Current**



**Vision**

# Why is the Land Acquisition Needed?

- To meet the needs of the ever-growing South Florida community, FIU is looking at ways to expand its physical space and grow strategically
- FIU's main campus is the second smallest in size and has the highest FTE and Headcount per acre

Institution	Acres	Headcount/Acre	FTE/Acre
FIU	342	104	59
UF	2050	24	13
UWF	1666	7	4
USF	1493	24	16
UCF	1415	42	22
UNF	1170	14	8
FGCU	765	18	11
FAU	746	41	20
FSU	447	92	59
FAMU	423	29	18
NCF	119	7	6

- FIU has the highest space utilization rate in the SUS, achieving 160 percent of statutory requirements; has the largest percentage of classes with 30+ students; the smallest percentage of classes with less than 30 students; and has the second highest percentage of classes with 100+ students

## How Will the Funds Be Used?

- Land acquisition funding of \$50 million is for 64 acres located contiguous to campus, currently used by the Miami Dade County Fair and Expo; \$10 million was appropriated in 2014-15; \$40 million remaining
- FIU, Miami-Dade County, and the Fair have been working together since 2010 to develop FIU acquisition and Fair relocation plans
- On September 3, the County Commission approved a MOU establishing a framework for FIU acquisition of the site as well as a resolution for voter approval of the acquisition
- Miami-Dade County voters will consider FIU's acquisition of the site on the November 4 General Election

# What is the Vision for the Land?

- **ACADEMIC AND RESEARCH SPACE**
  - Classrooms; teaching, research and technology labs; faculty and staff offices
  - Emphasis on facilities that support and expand programs in science, technology, engineering and mathematics (STEM)
  - Expansion of research capacity for Medicine, Nursing, Public Health and Social Work
- **INCUBATOR, ENTREPRENEURSHIP AND DATA CENTER**
  - Innovation and entrepreneurship space to focus on community economic development
  - University research incubator
  - Data center to support university research and teaching technology
- **LOWER DIVISION STUDENT HOUSING FACILITIES**
  - 2,000 additional beds with meeting rooms and study space
- **SUPPORT SPACE**
  - Exercise, health, wellness, and recreational facilities for students
  - Food service facilities, student services, and pedestrian pathways and green space

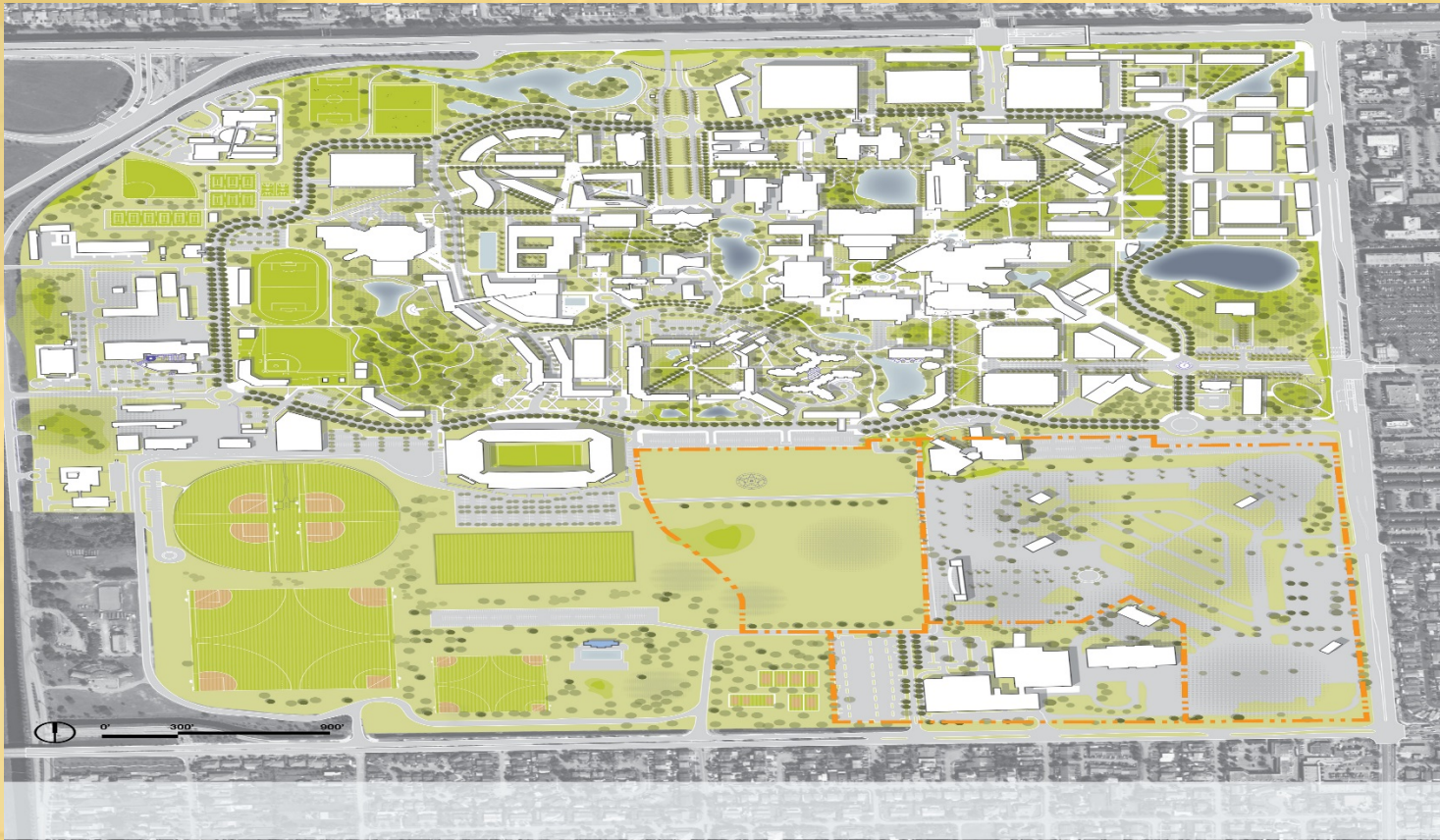
## How Will Students and the Community Benefit

- Increase bachelors degrees in STEM
- Increase graduate degrees in STEM
- Increase number of STEM graduates employed in Florida
- Improve student retention and graduate rates through expanded industry partnerships and internships
- Increase research expenditures and jobs
- Increase patents, licenses and start-up companies

# Rendering of Fair and Adjacent County Park



# Site Plan / Map



**FIU**

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# Satellite Chiller Plant Continuation Funding





## Why is the Satellite Chiller Plant Needed?

- The Satellite Chiller Plant on the Modesto A. Maidique Campus (MMC) has been a priority LBR request since first partially funded in 2007-08 because chilled water that is used to cool buildings is at full capacity with zero redundancy and no emergency generator back-up
- From 2009-10 to 2014-15, Gross Square Feet of buildings has increased from 5.4 million to 8.2 million, an increase of 52 percent
- High cooling need buildings added to MMC from 2009-10 include the College of Nursing (AHC 3), the Science Classroom Building (AHC 4), and the Stempel College of Public Health and Social Work (AHC 5), all focusing on STEM instruction and research labs

## How Will the Funds Be Used?

- Continuation funding request of \$7 million will allow the build-out of the remaining three chillers and two generators to provide emergency back-up chilled water to essential/critically needed facilities, such as vivarium and labs, in the event of a power outage
- Upon completion of the project, chilling capacity will be sufficient to support new facilities underway and provide some redundancy in the event of a chiller failure

# Current and Historical Funding Requests/ Vetoes

- **Total Project Cost:** \$14,110,000
  
- **Funding Received:**

\$ 1,110,000	2007-08	Appropriated
\$ 6,000,000	2008-09	Appropriated
  
- **Funding Requested/Vetoed:**

\$ 7,000,000	2009-10	BOG 3-Year PECO List
\$ 7,000,000	2010-11	Appropriated/Vetoed
\$ 6,000,000	2011-12	Appropriated/Vetoed
\$ 7,000,000	2012-13	BOG 3-Year PECO List
\$ 7,000,000	2013-14	BOG 3-Year PECO List
  
- **Current Request:** \$ 7,000,000      2015-16      BOG LBR

# Project Description

- **Project Size:** 13,200 Gross Square Feet Concrete Facility
- **Architect/Engineer:** SMG Engineering
- **Construction Manager:** Poole and Kent
- **Facility Completion:** February 2013 – Structure
- **Chillers Installed:** 2-1500 Ton Chillers and Cooling Towers
- **Chillers Needed:** 3-1500 Ton Chillers and Cooling Towers
- **Generators Needed:** 2 – allows 3000 ton capacity during power outages and emergencies

## Photographs / Renderings



Satellite Chiller Plant Facility Partially Completed February 2013

## Photographs / Renderings

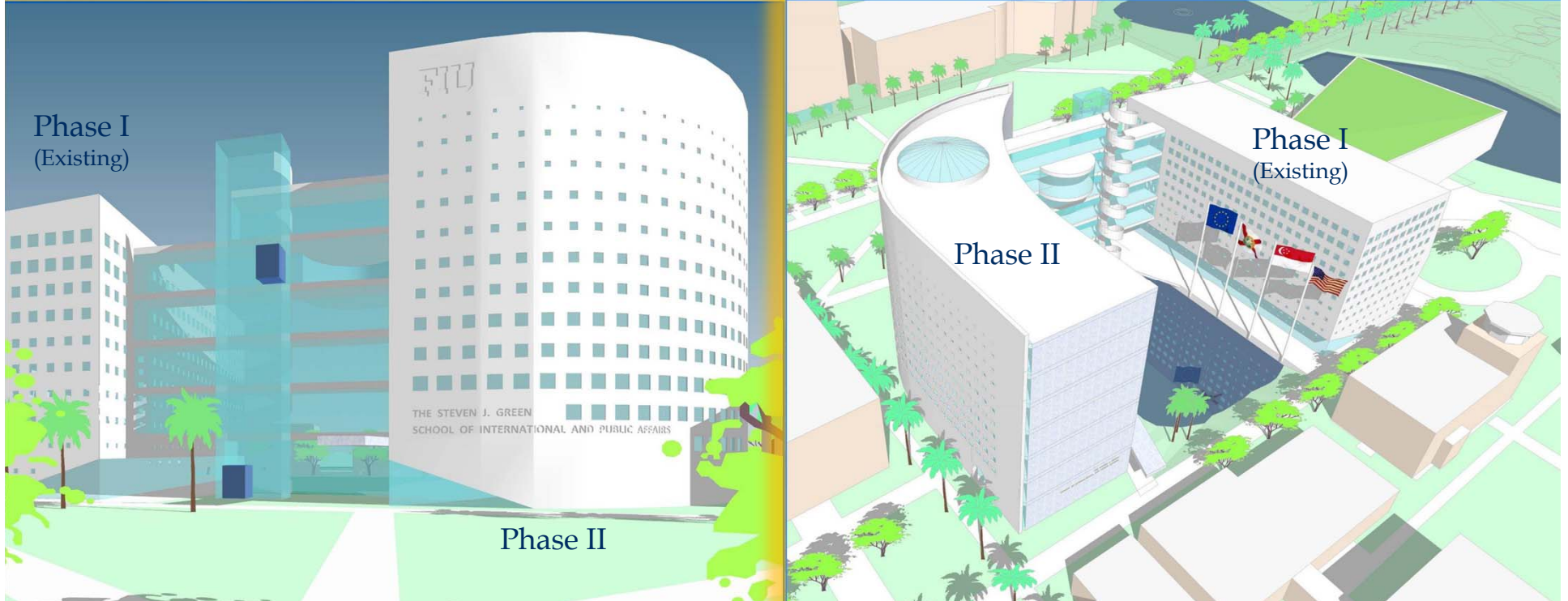


Additional Need for 3 Chillers and 2 Generators

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# School of International and Public Affairs Phase II



# Why is the SIPA Phase II Building Needed?

- The FIU School of International and Public Affairs (SIPA) aspires to be a globally recognized, top five school of international and public affairs, committed to innovative education with professional programs in global governance, human security, disaster preparedness, and risk management and corporate citizenship
- SIPA alone serves over 6,000 students with nearly 200 faculty members. Its eight departments and 17 interdisciplinary centers, institutes, and programs are scattered throughout campus
- Currently the SIPA I, completed in 2011, cannot house 14 academic centers, institutes and programs, scattering students and faculty across four buildings around campus
- Funding of \$20,000,000 is requested to complete Phase II of the School of International and Public Affairs



# How Will Students Benefit?

- Expansion would give SIPA the critically needed square footage to unite its students and faculty in an innovative teaching-learning environment
- Research has shown that collaborative spaces result in better learning outcomes and increased graduation and retention rates
- Collaborative space at SIPA will create an environment most conducive to critical investigation of the biggest challenges facing our community and the world and will allow our students to solve problems in our state
- The facility will serve as a think tank to foster synergies among faculty, students, visiting diplomats, policy makers or world leaders to come up with innovative solutions

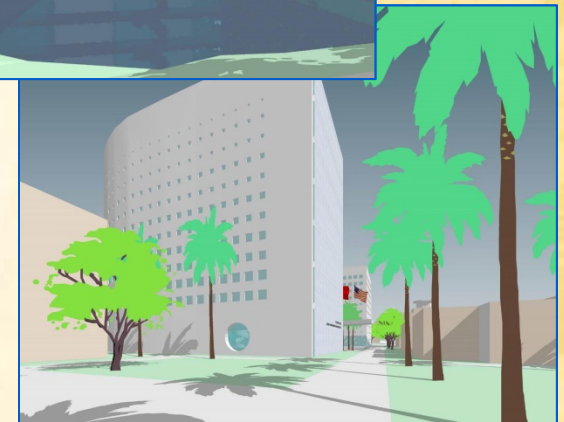
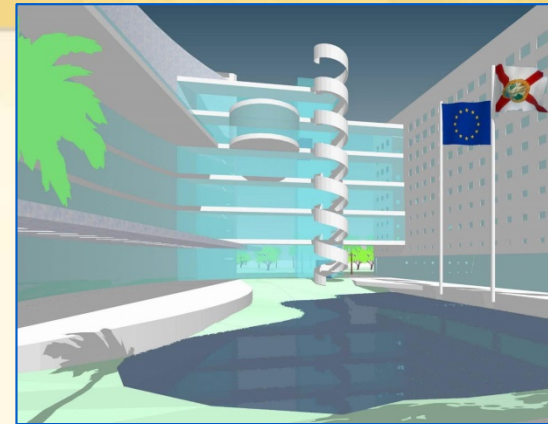
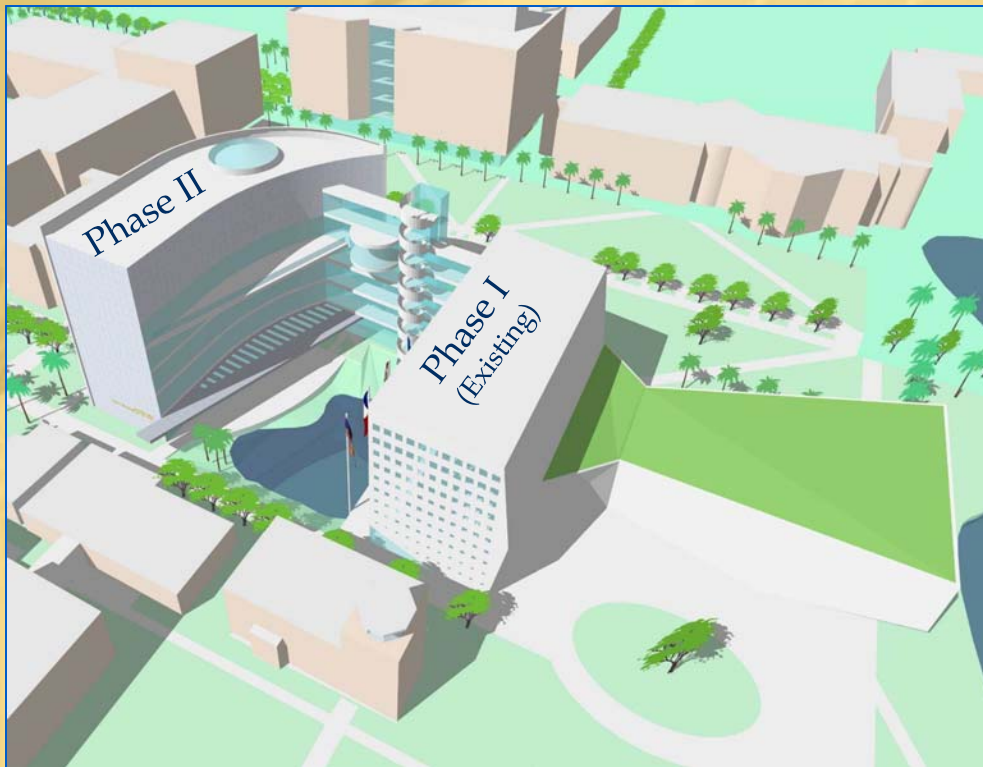
# How Will the Funding Be Used?

- Greatly enhance SIPA's goal is to achieve full membership in the Association of Professional Schools of International and Public Affairs (APSIA). APSIA represents the best schools of international and public affairs in the world, combining multidisciplinary and policy orientated studies with career development
- SIPA graduates will be better prepared to not only enter the workforce but obtain mid-level and leadership positions in NGOs, government agencies, non-profit and for profit organizations specializing in international and public affairs
- Many students also contribute to the economic development of the community as they start their own companies while still in school and forge strategic partnerships, growing their companies or starting new ones
- Finally completion of the SIPA II building would greatly enhance the ability to attract private dollars through partnerships and philanthropy to SIPA

# Project Funding Overview

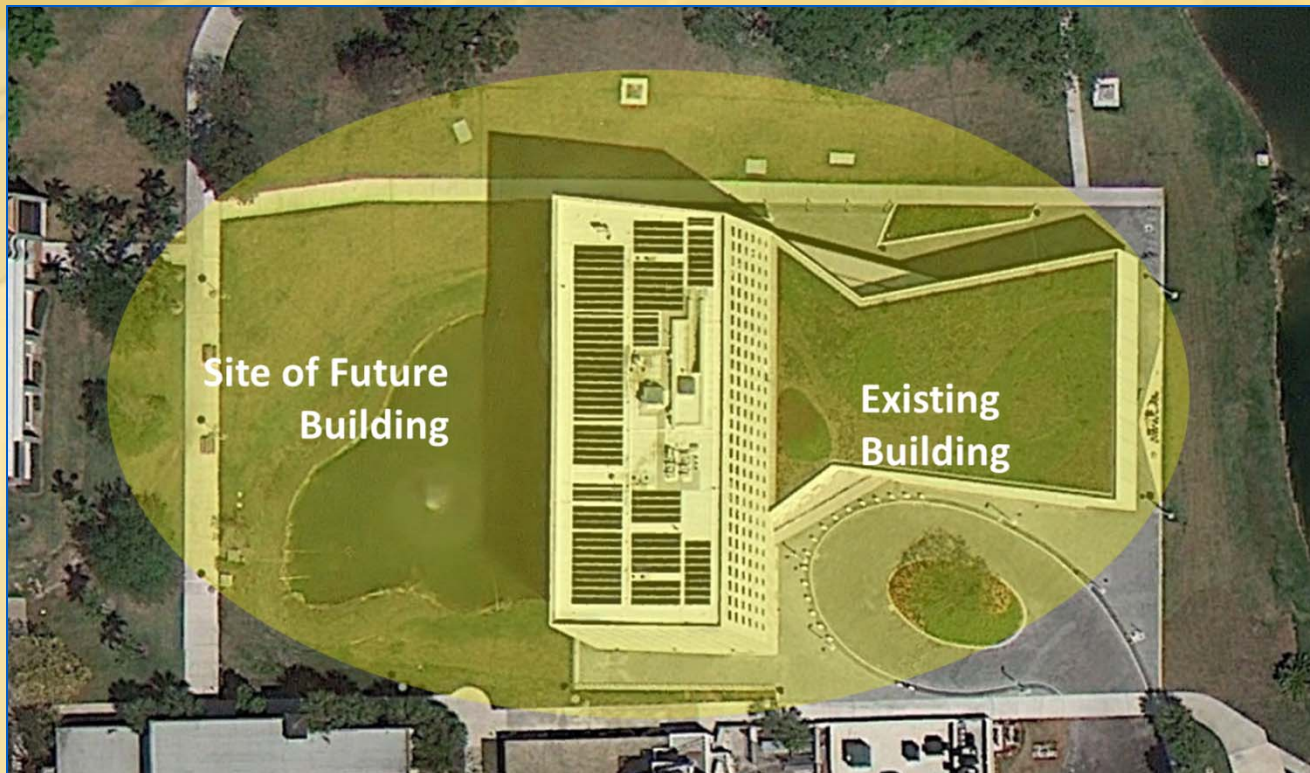
- **Project Cost:** \$ 30,000,000
- **Funding Received from Private Source:** \$ 10,000,000
- **Funding Requested:** \$ 20,000,000
- **Project Details:**
  - Project Size:** 77,000 Gross Square Feet
  - Architect/Engineer:** To Be Determined
  - Construction Manager:** To Be Determined
  - Facility Completion:** 2017
  - Features:**
    - Faculty Offices
    - Classrooms
    - Language Labs
    - Technology Labs
    - Conference Facilities
    - Negotiation & Mediation Facilities
    - Experiential Teaching Space

# Photographs / Renderings



SIPA Phase II

## Photographs / Renderings



SIPA Phase II – Site Plan