

# 2013-2014 Work Plan

**FIU**



# 2013 University Work Plan

## **FIU Mission**

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.

## **FIU Vision**

Florida International University will be a leading urban public research university focused on student learning, innovation, and collaboration.

# 2013 University Work Plan

## Statement of Strategy

### Local

- ✓ Anchor institution for greater South Florida
- ✓ Leading One Community One Goal jobs initiative
- ✓ Leading Life Sciences South Florida
- ✓ Enhance business and cost efficiencies

### National

- ✓ Largest producer of minority degrees in the nation
- ✓ Deepening our role as the nation's leading producer of STEM degrees for minority students
- ✓ PCAST and NRC involvement by President Rosenberg



# 2013 University Work Plan

Only 13% of students live on campus. FIU students spend more hours (16-20 hrs. per week) commuting to class than students around the country.

67% of students take care of family members compared to 42% nationally.

At FIU transfer students represent 12% freshmen and 65% seniors, as compared to the national average of 9% and 43% respectively transfer students.



65% of FIU's seniors say they often have serious conversations with students of different races or ethnicities. By comparison, 55% of seniors nationally do so.

31% of FIU's seniors work off-campus for pay more than 30 hrs. per week compared to the average of 19% at other institutions.

On average students earn 9.8 credits per semester.

# 2013 University Work Plan

## Key Initiatives and Investments – same as last year

### Graduation Success Initiative (GSI)

- ✓ Graduation rate increased from 41% to 47
- ✓ College Algebra pass rate increased from 47% to 52%

### Enhancing STEM Success

- ✓ STEM Transformation Institute created
- ✓ MOU signed with MDCPS for MAST at BBC
- ✓ Largest number of learning assistants in US

### Preparing Students for the Workforce through Internships

- ✓ Miami Foundation funding for regional talent development
- ✓ Increase in internships by 9% to a total of 3,070; new internship program in Macao will start in 2014

### GSI: Graduation Success Initiative



# 2013 University Work Plan

## Graduation Success Initiative (GSI)

- ✓ Objective: Improve undergraduate academic success as measured by retention and on-time graduation.
- ✓ Action: Adopted an all-professional-advisor, case-load model and hired 59 professional academic advisors in the last four years to achieve a 380:1 advisor-to-student ratio (defined as best practice by NACADA). Hired Director of Academic Advisor Development to develop and evaluate professional advisors.
- ✓ Results: Improved FTIC on-time graduation rate by 6.3% in one year.





# 2013 University Work Plan

## Math Mastery Lab – Improving Success in College Algebra

*Our “High-Tech High-Touch” approach to teaching the gateway course using faculty development, peer tutoring, and a computer-based mastery program.*

- ✓ Students practice class materials in a computer lab for 3-4 hours per week aided by 30 Learning Assistants and 7 Instructors.
- ✓ All Instructors and Learning Assistants receive ongoing training in using evidence-based practices to teach mathematics.
- ✓ For Fall 2012 and Spring 2013, 2,550 students visited the lab over 76,000 times for ~150,000 hrs of lab time.

# 2013 University Work Plan

## Math Mastery Lab –Improving Success in College Algebra

Year	Title V Pass Rate Goal	Pass Rate
Year 1 (10/2010-9/2011)	33% baseline	Implementation/baseline year: pilots started in Spring 2011
Year 2 (10/2011- 9.2012)	41%	47% pass rate for pilots for Fall-Spring-Summer (N=752)
Year3 (10/2012- 9/2013)	49%	52% for Fall-Spring for all MMC students (N=1702)
Year 4 (10/2013-9/2014)	57%	
Year 5 (10/2014-9/2015)	65%	



# 2013 University Work Plan

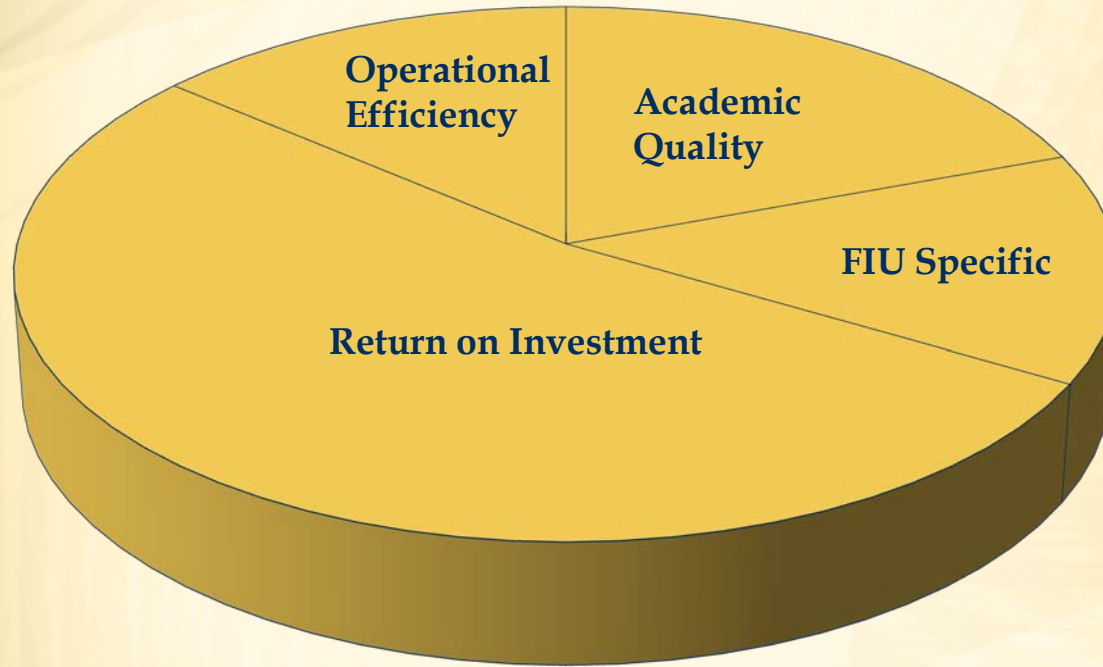
## STEM Production – Baccalaureate Level

2008-2009	934
2009-2010	1,026
2010-2011	1,128
2011-2012	1,158
2012-2013	1,219 (projected)

✓ The University has seen a 31% growth in baccalaureate STEM degrees between 2008/09 and 2012/13.

# 2013 University Work Plan

## 36 Key Board of Governors Indicators



# 2013 University Work Plan

## 36 Key Board of Governors Indicators

	Improved	Steady	Declined
Academic Quality	2	4	1
Operational Efficiency	1	6	-
Return on Investment	11	5	2
FIU Specific	5	-	-
Total	19	15	3

# 2013 University Work Plan

## Academic Quality

### Measures that improved in 2011-12

SAT score (1699)

### 2012-13 Results

1,704

### 2013-14 Goals

1,710

Faculty awards (5)

6

7

### Measures that remained steady in 2011-12

High school GPA (3.7)

3.7

3.7

Professional/licensure exam first-time pass rate  
cf. national average (3 above/2 below)

3 above/2 below

4 above/1 below

National academy members (2)

2

2

Science/engineering disciplines ranked in  
top 100 for research expenditures (4)

4

4

### Measures that declined in 2011-12

Post-doctoral appointees (57)

55

56



# 2013 University Work Plan

## Operational Efficiency

### Measures that improved in 2011-12

FTIC graduation rates [in 6 years or less] (47%)

### 2012-13 Results

48%

### 2013-14 Goal

49%

### Measures that remained steady in 2011-12

Freshman retention rate (82%)

82%

82%

FTIC graduation rates [in 4 years or less] (23%)

23%

24%

AA transfer graduation rates [in 2 years or less] (22%)

22%

23%

AA transfer graduation rates [in 4 years or less] (62%)

62%

63%

Bachelor's degrees without excess hours (56%)

56%

56%

Average time to degree [for FTIC] (5.5 years)

5.5 years

5.5 years

### Measures that declined in 2011-12

None

# 2013 University Work Plan

## Return on Investment

Measures that improved in 2011-12	2012-13 Results	2013-14 Goals
Bachelor's degrees awarded (7,238)	7,618	8,019
Graduate degrees awarded (3,383)	3,690	3,987
Annual gifts received (\$15.3M)	\$24.1 M	\$43.6 M
Endowment (\$132.5)	\$163.4 M	\$185.8 M
Total research expenditures [incl. non-science and engineering disciplines] (\$118.1M)	\$120 M	\$126 M
Science and engineering research expenditures (\$83.6M)	\$85M	\$89M
Science and engineering R&D expenditures in non-medical/health sciences (\$76.9M)	\$78M	\$82M
Licenses/options executed (0)	1	3
Number of start-up companies (0)	1	2
Research doctoral degrees awarded (151)	155	166
Professional doctoral degrees awarded (230)	251	290

*(continued on next slide)*

# 2013 University Work Plan

## Return on Investment *(continued)*

Measures that remained steady in 2011-12	2012-13 Results	2013-14 Goals
Bachelor's degrees in STEM (16%; 1,158)	16%; 1,219	16.25%
Graduate degrees in STEM (15%)	15%	15.25%
Baccalaureate graduates employed in Florida (67%)	67%	67%
Baccalaureate graduates continuing their education in Florida (21%)	21%	21%
Patents issued (1)	1	3
<b>Measures that declined in 2011-12</b>		
Research expenditures funded from external resources (71%)	66%	66%
Licensing income received (\$60,000)	\$40,000	\$50,000

# 2013 University Work Plan

## University Specific Key Performance Indicators

Measures that improved in 2011-12	2012-13 Results	2013-14 Goals
Bachelor's degrees awarded to minorities (5,688)	6,021	6,372
Bachelor's degrees in areas of strategic emphasis* (3,040)	3,183	3,333
Graduate degrees in areas of strategic emphasis (1,336)	1,409	1,485
Increase in student credit hours offered fully online (19.3%)	20%	20.5%
Gradual increase in full-time students (65%)	65.5%	66%

\*Areas include STEM, Education, Global, Health, and Security for a total of 45 degree programs out of our inventory of 180 degree programs (25%)



# 2013 University Work Plan

## Smart Growth – New Students

- ✓ Fall 2012 actual 50,394
- ✓ Fall 2013 planned 50,000
- ✓ Fall 2014 planned 50,500
- ✓ Fall 2015 planned 51,000



# 2013 University Work Plan

## Smart Growth – New Faculty



Three new faculty in the Department of Psychology received early career awards:

- ✓ Dr. Raul Gonzalez, an expert in HIV and drug abuse research, was awarded the Outstanding Early Career Investigator Award by the National Institute on Drug Abuse (NIDA).
- ✓ The Association for Psychological Science honored Dr. Lindsay Malloy as an up-and-coming researcher as a Rising Star for her work on children's and adolescents' disclosure of negative experiences.
- ✓ Dr. Jeremy Pettit's research on depression, anxiety and suicidal behaviors has been recognized with the Edwin Shneidman Award by the American Association for Suicidology.

# 2013 University Work Plan

## Smart Growth – New Faculty



- ✓ Dr. Frank Mora will assume the position of Director of FIU's Latin American and Caribbean Center after three and a half years as the Deputy Assistant Secretary of Defense for Policy in charge of Western Hemisphere Affairs.
- ✓ Mora brings to FIU a wealth of policy-practitioner experience. He served during the U.S. response to the devastating January 2010 earthquake in Haiti as well as the Obama decision to lift travel restrictions to Cuba.



# 2013 University Work Plan

## Funded Research Growth Indicators

	FY 2009	FY 2010	FY 2011	FY 2012	Improvement
Faculty with external funding	36%	38%	41%	43%	+19%
Assistant professors with external funding	15.8%	18.5%	22.3%	22.8%	+44%
Principal investigators	-	300	306	392	+30.6%



# 2013 University Work Plan

## American Marketing Association (AMA) Student Chapter Competes at the Top



- ✓ Top 2% of 300+ schools represented from around the world
- ✓ FIU placed in the top 10 for the case competition
- ✓ Selected as a mentor chapter to provide guidance to every chapter in attendance to the AMA International Collegiate Conference
- ✓ Won 16 competitions at the 35<sup>nd</sup> Annual International AMA Collegiate Conference in New Orleans, competing with more than 300 chapters.
- ✓ AMA won the Silver Chapter award, which continues to place FIU in the top eight chapters within the collegiate division – a position FIU has held consecutively for the past 11 years
- ✓ In addition, the chapter won 10 awards for its philanthropic efforts in the AMA Saves Lives campaign, based on organ donation, and the Best Video Award about the campaign

# 2013 University Work Plan

## New Programs 2013-2014

2013:

- ✓ Bachelor's in Anthropology
- ✓ Bachelor's in Interdisciplinary Studies

2014:

- ✓ Bachelor in Sustainability
- ✓ Professional Science Master in Medical Physics
- ✓ Professional Science Master in Forensic Science
- ✓ Professional Science Master in Environmental Policy and Management
- ✓ PhD in International Crime and Justice
- ✓ PhD in Linguistics

# 2013 University Work Plan

## 2013-2014 Expectations

- ✓ 4,700 NEW FTIC Students
- ✓ 8,100 NEW Transfer Students
- ✓ 4,100 NEW Graduate Students
- ✓ 12,500 Degrees
- ✓ 85 New and Replacement Faculty
- ✓ 780 Proposals Submitted
- ✓ 600 New Grants Awarded
- ✓ \$50M Philanthropic Giving

