



**FLORIDA INTERNATIONAL UNIVERSITY  
BOARD OF TRUSTEES  
EXTERNAL RELATIONS COMMITTEE**

Wednesday, March 14, 2012  
12:00 pm  
Florida International University  
Modesto A. Maidique Campus  
Graham Center Ballrooms

**Committee Membership:**

Claudia Puig, *Chair*; Jorge L. Arrizurieta, *Vice Chair*; Sukrit Agrawal; Jose J. Armas; Marcelo Claire;  
Gerald C. Grant, Jr.

**Liaisons:**

T. Gene Prescott, *Foundation Board of Directors*; Monica Rabassa, *President's Council*; Gonzalo A. Acevedo,  
*Alumni Association Board of Directors*

**AGENDA**

- |   |  |
|---|--|
| 1. Call to Order and Chair's Remarks          | Claudia Puig   |
| 2. Approval of Minutes                        | Claudia Puig   |
| 3. President's Remarks                        | Mark B. Rosenberg  |
| 4. Strategic discussion on External Relations | Sandra B. Gonzalez-Levy<br>Stephen A. Sauls<br>Divina Grossman |
| 5. New Business ( <i>If Any</i> )             | Claudia Puig   |
| 6. Concluding Remarks and Adjournment         | Claudia Puig   |

*Next External Relations Committee Meeting is scheduled for September 5, 2012*

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**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**External Relations Committee**

March 14, 2012

**Subject: Approval of Minutes of the Meeting held August 17, 2011**

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**Proposed Committee Action:**

Approval of Minutes of the External Relations Committee meeting held on Wednesday, August 17, 2011 at the Modesto A. Maidique Campus, Charles Perry/Primera Casa (PC) 521.

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**Background Information:**

Committee members will review and approve the Minutes of the External Relations Meeting held on Wednesday, August 17, 2011 at the Modesto A. Maidique Campus, Charles Perry/Primera Casa (PC) 521.

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<b>Supporting Documentation:</b>	External Relations Committee meeting minutes: August 17, 2011
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<b>Facilitator/Presenter:</b>	Committee Chair Claudia Puig
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**FLORIDA INTERNATIONAL UNIVERSITY  
BOARD OF TRUSTEES  
EXTERNAL RELATIONS COMMITTEE  
MINUTES  
AUGUST 17, 2011**

**1. Call to Order and Chair's Remarks**

The Florida International University Board of Trustees' External Relations Committee meeting was called to order by Committee Chair Claudia Puig at 1:03 pm on Wednesday, August 17, 2011 at the Modesto A. Maidique Campus, Primera Casa, room 521.

The following attendance was recorded:

***Present***

Claudia Puig, *Chair*  
Jorge L. Arrizurieta, *Vice Chair*  
Sukrit Agrawal  
Jose J. Armas  
Joseph L. Caruncho

***Excused***

Marcelo Claure

T. Gene Prescott, *Vice Chair, FIU Foundation Board of Directors*  
Monica Rabassa, *President's Council*

Trustees Thomas A. Breslin and Patrick O'Keefe and University President Mark B. Rosenberg were also in attendance.

Committee Chair Puig welcomed all Trustees, President Mark B. Rosenberg, faculty and staff to the meeting. She welcomed Trustee Jose J. Armas to the Committee, noting that his expertise will prove to be invaluable to the Committee. She also welcomed Vice Chair of the Foundation Board of Directors T. Gene Prescott and President's Council Member Monica Rabassa to the meeting.

**2. Approval of Minutes**

Committee Chair Puig asked if there were any additions or corrections to the minutes of the December 2, 2010 External Relations Committee meeting. Hearing none, a motion was made and passed to approve the Minutes of the External Relations Committee Meeting held on December 2, 2010.

### **3. Strategic Discussion on External Relations**

University President Mark B. Rosenberg noted that the State's economic outlook remained an area of concern. He further noted that the University recognized significant funding shortfalls, adding that FIU is poised to make a substantive contribution to addressing the challenges that lie ahead for the community at large. He added that the University's leadership provides the opportunity and responsibility to engage locally and globally. He added that FIU embraces its role as an anchor institution in Greater Miami and the Caribbean Basin. He further noted that as the University launched the 2010-2015 Worlds Ahead Strategic Plan, the FIU Board of Trustees External Relations Committee's focus would extend beyond reviewing policies relating to local, state and federal legislation.

President Rosenberg asked three questions of the Committee members and liaisons to help frame the external relations discussion: (1) where do you see our community in the next ten years; (2) identify areas where you see FIU playing a role as an anchor institution; and (3) are there specific initiatives or partnerships that the University should consider?

Committee members and liaisons discussed the need for increased community engagement and provided feedback on strategies for building enhanced and creating new relationships. Meeting participants discussed the importance of building an image in the community. Committee members also recognized the University's growing alumni base and the large college-aged population in Miami-Dade County as untapped resources that will gain in significance in the coming years.

Committee members noted that the University should consider aggressive marketing efforts when appropriate, suggesting to increase visibility through the use of signage and securing signature speakers at commencement ceremonies as possible approaches. Trustees also noted the importance of student internships as a critical component of preparation for entering the workforce, adding that this also allows for employers to preview the work skills and have access to students that exemplify the level of quality education provided at FIU. Trustees also commented that professional programs that prepare students in specific skills or with focused training can create a number of career paths that fulfill a need in the community.

Trustees also discussed the importance of necessary infrastructure, specifically the building of an access road that is critical as the University continues to expand and deepen its connection with the community. Trustees agreed that the University should be at the forefront of important issues that impact the community and recommended the hosting of town hall meetings whenever possible as this would provide the venue where stakeholders can join the discussion.

Provost and Executive Vice President Douglas Wartzok stated that the University administration greatly benefited from the Board's input and feedback. He noted that the innovative companies doing business in Latin America and South Florida were encouraged to apply for an opportunity to present at FIU's second annual Americas Venture Capital Conference. He added that the Conference would be held November 16-17, 2011 at the Biltmore Hotel and seeks to build a community that invests and nurtures innovative ideas and leaders.

Provost and Exec. VP Wartzok noted that the Graduate Certificate in Healthcare Management is designed for working healthcare professionals and prepares students for a career in a healthcare environment by providing additional management skills and knowledge of the current factors affecting the healthcare delivery system. He added that this is a very practically oriented degree and fulfills a need in the community. He further noted that a collaborative effort with the Faculty Senate is underway to ensure that students have the necessary writing and mathematics skills upon graduation.

Vice President for Engagement Divina Grossman provided an update on internship opportunities in development and new relationships with local, national and international organizations. She noted that FIU, in partnership with Miami-Dade County Public Schools, received a \$1 million grant from JP Morgan/Chase to implement a university-assisted community school initiative at Miami Northwestern Senior High School. She added that Life Tech Florida (formerly the Life Sciences Corridor Initiative) aims to establish an industry cluster in South Florida focused on biotechnology, pharmaceuticals, diagnostics, and information technology.

President Rosenberg thanked the Committee members and liaisons for their hard work and dedication on behalf of the University and noted that he looked forward to continuing the discussion on external relations. He noted that based on the comments, the University must remain intentional in its approach, leverage more who FIU is and what we do and engaging more the strength of FIU. He added that the University's Strategic Plan delineates the areas of focus for the next several years and is based on institutional strengths that form the groundwork for future innovation, economic development and job creation in the region. He concluded that as the University continues on its current growth trajectory, FIU remains committed to providing accessible high quality educational experiences, while addressing our region's most crucial issues.

#### **4. New Business**

*No new business was raised.*

#### **5. Closing Remarks and Adjournment**

With no other business, Committee Chair Puig adjourned the meeting of the Florida International University Board of Trustees External Relations Committee on Wednesday, August 17, 2011, at 2:26 p.m.

*Trustee requests:*

*There were no Trustee requests.*

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**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**External Relations Committee**

March 14, 2012

**Subject: President's Remarks**

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**Proposed Committee Action:**  
None. Discussion only.

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**Background Information:**  
University President Mark B. Rosenberg will provide remarks.

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**Supporting Documentation:** N/A

**Facilitator/Presenter:** Mark B. Rosenberg

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**THE FLORIDA INTERNATIONAL UNIVERSITY**  
**BOARD OF TRUSTEES**  
**External Relations Committee**

March 14, 2012

**Subject: Strategic Discussion on External Relations**

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**Proposed Committee Action:**

None. Discussion only.

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**Background Information:**

Sr. Vice President of External Relations Sandra B. Gonzalez-Levy, Vice President of Governmental Relations Stephen A. Sauls and Vice President for Engagement Divina Grossman will lead the discussion on External Relations.

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**Supporting Documentation:**

External Relations Update

- Miami-Dade County Park and Recreation Department, Youth Fair Relocation – Site Options
- Bragging Rights & Basic Truths of FIU and its Students (Fall 2011) *FIU Magazine, Volume 22*

FIU 2012 Federal Priorities

Office of Engagement Initiatives Update

- Life Sciences South Florida
- Fall 2011 – Off Campus Dual Enrollment Report
- “More South Florida high schools get top marks,” [Miami Herald](#)

**Facilitator/Presenter:**

Sandra B. Gonzalez-Levy  
Stephen A. Sauls  
Divina Grossman

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**Board of Trustees  
External Relations Committee**

*March 14, 2012*

**External Relations Update**

**FIU's Footprint Expansion:**

- *The Fair Relocation Project:* Florida International University (FIU), the Miami-Dade County Fair & Exposition, Inc. (The Fair) and Miami-Dade County are working with other institutions in the community to explore the possibility of finding a new location for the Fair so that FIU can expand into what is currently the fairgrounds, adjacent to the Modesto A. Maidique Campus. This expansion would allow FIU to continue growing and serving the needs of our community.

The project is currently in a discovery and exploratory phase. FIU administrators continue to meet with groups including the Miami-Dade Expressway Authority (MDX), Florida Department of Transportation (FDOT), Department of Environmental Resource Management (DERM), the City of Sweetwater, the South Florida Water Management District, among others.

After studying as many as 16 alternate sites for the Fair (*map enclosed*), the parties have focused their attention on a portion of the Bird Basin property, owned by the South Florida Water Management District (SFWMD) and the Board of Trustees of the Internal Improvement Trust Fund (BTITF), as a possible site for the relocation. The Bird Basin property is off SW 8<sup>th</sup> Street near Krome Avenue, about six miles west of MMC. We are currently discussing the property with SFWMD and will keep you abreast of our progress.

- *BBC Access Road:* FIU, in partnership with Miami-Dade County Public Schools is working with North Miami city council members and stakeholders to provide an adequate secondary access road in the area to address the safety and security concerns of our students and the students at two neighboring public schools. With more than 13,000 people in the area regularly, all of these students, faculty, staff and visitors could be affected if there were a need to evacuate in case of an emergency. In order to continue serving the area and its residents, we need to prepare adequately by establishing an additional access road. Our next steps included pursuing one of the options which was access through 135<sup>th</sup>. However, that is off the table per the council's decision. We are moving forward with a potential second option through 143<sup>rd</sup>. We will also move forward in working with the Metropolitan Planning Organization (MPO) to pursue recommended improvements to 151<sup>st</sup> Street. Additional information is forthcoming.

**FIU's Haiti Initiative:**

- FIU is committed to the long term recovery of the Haitian people, both locally and abroad. Our students, faculty and staff continue to engage in numerous activities to

support the needs of the Haitian community. Enclosed in your materials is a copy of our second annual report published in January, 2012.

### **Communication and Messaging:**

- Research: The Division of External Relations has developed and launched a newly designed FIU Research website - <http://fiu.edu/research/> which promotes and highlights the great work of our researchers. In particular, a recent story which received national media attention recognizes FIU researcher, Laura Dinehart, an assistant professor at the College of Education, who discovered that 4-year-olds who demonstrate strong handwriting skills are more likely to excel academically in elementary school. Dinehart's findings establish a new link in understanding how penmanship plays a role in a child's academic development. The story was viewed across the nation by more than 3.5 million people.

The External Relations team also produced FIU's annual research report which will be distributed at the full board meeting. Enclosed in your materials, you will find three publications highlighting *Worlds Ahead* research programs:

STEM Education at FIU: Graduates of science, technology, engineering and math (STEM)-related programs are in high demand. The U.S. Department of Labor has identified STEM-related careers as some of the highest paying as well as having the greatest potential for job growth. FIU faculty conducted groundbreaking research in the local and international communities. Undergraduate and graduate students work alongside them and other students in the lab and in the field to gain unique skill-sets and inspiring research experiences.

FIU's School of Environment, Arts and Society (SEAS): By bringing together the natural sciences, social sciences and humanities, SEAS is transforming the way FIU conducts research, educates students and engages the community. Because the world's environmental challenges are multi-dimensional, the SEAS revolutionary approach to full-spectrum education will ensure our students become innovative leaders of the 21<sup>st</sup> century.

Global Water for Sustainability Program (GLOWS): GLOWS is one of SEAS's premiere programs whose mission is to promote the integrated management of water resources and aquatic ecosystems worldwide. The program is currently managing a portfolio of \$70 million, including clean water projects in Rwanda, Tanzania, Kenya, the Republic of Georgia and a four-nation project in West Africa.

- o Worlds Ahead Brand: As we continue to enhance our brand campaign, we want to ensure that all of our ambassadors are well equipped to share those *Worlds Ahead* stories and promote FIU as an urban, multi-campus, public research university serving its students and the diverse population of South Florida.

Enclosed in your materials, you will find **FIU Quickview** which provides FIU facts at a glance. We will be producing it four times a year in order to update.

- *Social Media:* We continue to enhance FIU's social media presence through increased engagement from students, faculty, staff, alumni and other community leaders. Below is an update on our overall figures:
  - FIU's Facebook page has 32,874 likes/subscribers with an additional 10,000 new likes/subscribers in the last six months. The site's weekly reach is 40,910.
  - FIU's main Twitter account (@FIU) has 6,432 followers/subscribers and the FIU News Twitter account (@FIUnews) has 4,909 followers/subscribers.
  - The FIU News site - <http://news.fiu.edu/> - continues to serve as the main source of FIU's latest stories. The site receives 33,792 visits per month and is averaging 70 comments per month on the news site in the last six months.
  - FIU's YouTube channel has 1,256 subscribers with more than 808,598 FIU videos viewed. FIU's Flickr account which is used for photo sharing has 1,283,574 views.
  - FIU's Bit.ly account, which tracks clicks from social media platforms to FIU News, typically averages between 5,000 to 6,000 visits to FIU News on a monthly basis.
  - The team continues to look for ways of enhancing FIU's social media presence and is currently working on several emerging networks including Tumblr, Instagram, Google Plus and Pinterest.
- *Highlighting our best and brightest:*
  - The FIU Magazine received national recognition for the Fall 2011 cover story "Bragging Rights and Basic Truths" from the Council for Advancement and Support of Education (CASE). FIU was acknowledged with the General Excellence Award. A copy of the cover story is enclosed for your convenience.
  - Eighteen FIU graduates were nominated for the 2011 Primetime Emmy Awards. The National Academy of Television Arts and Sciences (N.A.T.A.S.) recognizes excellence in television through these annual awards. Regionally, Emmy's are also awarded to broadcast journalists and award categories include: Best Newscast, Best Investigative Report, Best General Assignment Report and Best Crime Story. Below are the FIU nominees and winners.
    - 1) Rebecca Medina '01
    - 2) Steve Owen '97
    - 3) Steven Cooper '96 - WKMG Orlando, Business/Consumer - "Consumers vs. Ford"
    - 4) Jorge Vivar '05
    - 5) Kandra Velez '07- WPBT, Health/Science/Environment - "Changing Seas"
    - 6) Ivan Taylor '96
    - 7) Jeff Brenner '90
    - 8) Benard Worrell '04 - Sun Sports, Editor-Sports "Miami Heat"
    - 9) Katherine Carballo '07 - Sun Sports, Sports "Inside the Heat"
    - 10) Patricia Donoso '05 - Sun Sports, won for Sports "Inside the Heat"
    - 11) Dianne Fernandez '94
    - 12) Sandra Peebles '89 - WLTV, Government/Politics "Absentee Ballot Fraud"

- 13) Teri Arvesu '99 - WLTV, Government/Politics "Absentee Ballot Fraud," Religion "El Poder de la Oracion"
- 14) Fabian Perez-Crespo '92
- 15) Amanda Ramirez '05
- 16) Maria I. Montoya '09 - MEGA, Commercial - MEGA TV
- 17) Ray Darnott '08
- 18) Tammy Darling '97

A recognition event is currently being planned to acknowledge the great work of these *Worlds Ahead* alumni.

- o FIU students and graduates from the **College of Education** continue to be recognized regularly through the Francisco R. Walker Miami-Dade County Teacher of the Year awards. In particular, an FIU student or graduate has been named Teacher of the Year for the last three consecutive years with many additional graduates making it to the list of finalists.

**2013 Teacher of the Year Winner:**

Alexandre Lopes is a 4<sup>th</sup> semester doctoral student (EdD) in the Exceptional Student Education program. He was selected to be part of a cohort of students in Project EDUCATE, a U.S. Department of Education grant to prepare doctoral level special education leaders to meet the demands of high need communities and students. He has a bachelor's degree in Arts and Communication from the Universidade Federal do Rio de Janeiro, Brazil, and a master's degree in Education from the University of Miami. He is a National Board Certified teacher.

**2013 Teacher of the Year Finalists:**

Leticia Bacallao, Reading Education (MS) '08  
 Mia Lafrance, Special Education (MS) '98  
 Rebecca Manzanias, Elementary Education (BS) '06 & Reading Education (MS) '09

**2012 Teacher of the Year Winner:**

Agustin Grana, Special Education (BS) '00

**2012 Teacher of the Year Finalists:**

Lisette Marie Reigosa, Reading Education (MS) '07  
 David Menasche, English Education (BS) '97

**2012 Rookie Teacher of the Year:**

Janet Blanco-Soto, Elementary Education (BS) '07

**2011 Teacher of the Year Winner:**

Cristine O'Hara, English Education (BS) '99 & Urban Education (MS) '04

**Community Relations:**

- o Community Leaders Summit: FIU hosted the third Annual Community Leaders Summit on October 25, 2011 with over 100 community leaders in attendance. An executive report was compiled with summaries of the group discussions and community leader recommendations (*included in your board materials*). We continue to keep participants

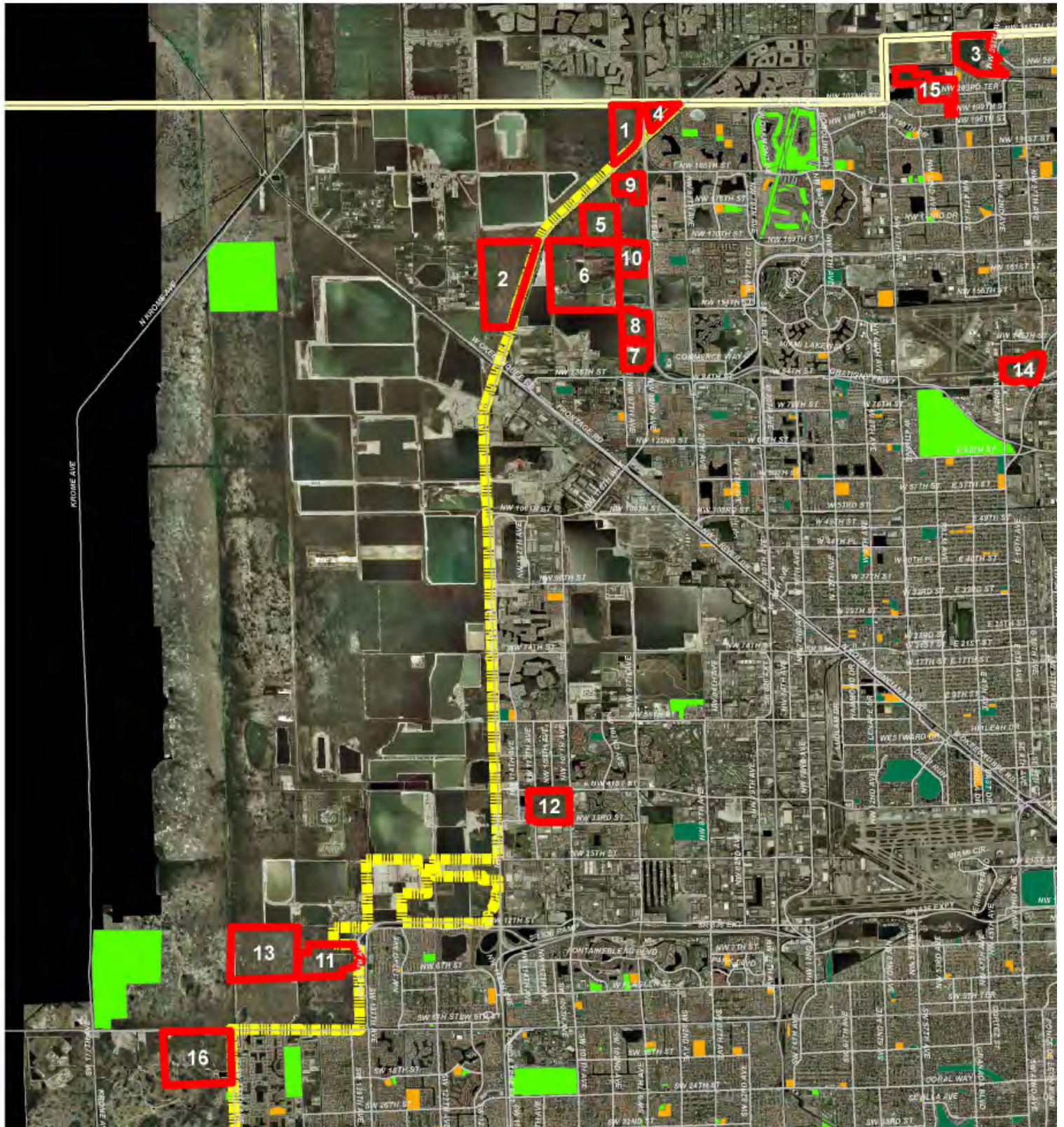


engaged through regular email communication, updates through the news site and social media outlets and invitations to university events.

- *CEOs for Cities:* FIU, through President Rosenberg's leadership, is serving as one of three lead institutions in building a Miami City Cluster through the national organization, CEOs for Cities. The organization researches, creates, shares and helps implement best practices for making cities more successful. The first meeting of the Miami Cluster convened on January 30, 2012 with partners Eduardo Padron, President, Miami Dade College, and Javier Soto, President, The Miami Foundation. President Donna Shalala from the University of Miami was in attendance.
- *Third Geopolitical Summit:* FIU hosted "Rediscovering America? A Geopolitical Summit" on February 13, 2012 with special lecture by Thomas L. Friedman, Foreign Affairs columnist for The New York Times. The Summit brought more than 600 people to participate in a discussion with one of the nation's most influential columnists and thinkers, Thomas L. Friedman who shared his views on the critical challenges that the US currently faces. His lecture was followed by a panel of FIU experts that provided a thoughtful critique on Mr. Friedman's presentation.
- *Attracting the Best:* In the last three months, FIU has hosted a series of distinguished guest speakers in a number of forums. The University has also participated in numerous activities to enhance our presence, visibility and impact to the community.
  - **Jan. 13:** FIU hosted the Twenty-First Annual Rev. Dr. Martin Luther King Jr. Commemorative Breakfast with Keynote Speaker, Alvin F. Poussaint, M.D., Professor of Psychiatry, Harvard Medical School.
  - **Jan. 15:** FIU participated in Univision's Three Kings Parade. Participation included an FIU float with members of the FIU community.
  - **Jan. 16:** FIU participated in the Martin Luther King Parade. Participation included an FIU float with members of the FIU community.
  - **Jan. 17:** FIU's Center for Leadership hosted The Miami Leadership Summit.
  - **Jan. 19:** Dr. Ira Harkavy, PhD, Associate VP & Director University of Pennsylvania participated in the Honors College Annual Distinguished Lecture Series.
  - **Jan. 25:** Presidential Candidate Newt Gingrich delivered foreign policy speech at FIU's Wertheim Performing Arts Center.
  - **Jan. 26:** U.S. Supreme Court Justice Samuel Alito sat as chief justice for FIU's 9th annual Moot Court Competition at FIU's College of Law.

- **Feb. 2:** Famed trial attorney Roy Black, shared stories from his career as part of the FIU College of Law's inaugural Great Legal Storyteller Series. The series is part of the College of Law's Trial Advocacy Program.
- **Feb. 8:** FIU hosted Life of the Mind Lecture with keynote speaker David Lawrence, President of the Early Childhood Initiative Foundation.
- **Feb. 10:** Chen Xueqi, Tianjin University of Commerce (TUC) Chairman of the Administrative Affairs Committee along with a Chinese delegation from TUC, visited FIU for a lecture and the opening of an exhibit in the Patricia and Phillip Frost Art Museum, "Tianjin Arts in Miami: Sharing the Essence of Chinese Culture."
- **Feb. 13:** FIU hosted "Rediscovering America? A Geopolitical Summit" with special lecture by Thomas L. Friedman, Foreign Affairs columnist for The New York Times.
- **Feb. 17:** U.S. Department of Housing and Urban Development (HUD) Director for Office of Sustainable Housing and Communities, Shelley R. Poticha, visited FIU As part of the on-going FIU-City of Sweetwater University City Alliance.
- **Feb. 22:** Ambassador Joao Vale de Alemeida, Head of the European Union Delegation to the United States provided the FIU community with a lecture on the "Transatlantic Relations in a Turbulent Time."
- **Feb. 23-26:** 2012 Food Network South Beach Wine & Food Festival benefiting FIU's Chaplin School of Hospitality and Tourism Management and the Southern Wine & Spirits Beverage Management Center.
- **March 5:** World-renowned author Isabel Allende was recognized by the Department of English at the Third Annual Lawrence Sanders Award Ceremony.
- **March 7:** FIU's Baseball team played an Exhibition Game against the Miami Marlins at the new stadium.

# PARK AND RECREATION DEPARTMENT YOUTH FAIR RELOCATION - SITE OPTIONS



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Meet w/  
advisor  
3:15 p.m.

# FIU

M A G A Z I N E

FALL 2011 VOLUME 22

## Bragging Rights & BASIC TRUTHS of FIU and its Students

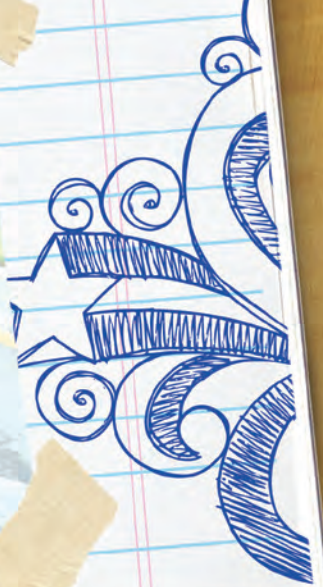
Anthony Leone '91 Proves Fast Food  
Doesn't Have to Be "Fat Food" **18**

FIU Blue Man Reveals  
His Irresistible Superpower **7**

Why the World Is Paying Attention  
to Professor Rich Olson's Scary Message **14**

One Sun Belt Championship  
Just Isn't Enough for T.Y. Hilton **41**





# Bragging Rights ★ & BASIC TRUTHS ★

A national survey offers a closer look at FIU undergraduates and their experiences at the university

Photos by Angel Valentin

By Deborah O'Neil MA '09

Sophomore Donna Duggins scans her planner for an opening as she settles in for a one-hour commute to Biscayne Bay Campus on the Golden Panther Express. The well-worn pages of her appointment book are crowded with notes:

Monday: Test 10 a.m.

Tuesday: Work 9 a.m. to 6 p.m.

Wednesday: Chapters on media and the justice system

Thursday: Work 9 a.m. to 6 p.m.

Friday: Meet classmates at BBC to work on group project

The Honors College public relations major took 18 credits in the spring while working full time at Bed, Bath & Beyond. Somewhere in her schedule she needs to carve out 10 hours for community service required by the Honors College. Every time a professor mentions an assignment, test, anything, she pulls out her planner. Sometimes, she goes to her boss with planner in hand to figure out her schedule.

It's a balancing act Duggins has down to a science, and one that represents the experiences of many FIU students. Long hours of commuting. Tough academic demands. Full-time job. Lack of free time. Last year, FIU's academic leaders set out to learn more about the lives of FIU students and their educational experience by participating in

the National Survey of Student Engagement (NSSE). This was the third time FIU took part in the survey, with 1,485 freshmen and 1,865 seniors participating. Their responses are compared to those of more than 300,000 students at 564 universities around the country.

"We have so many myths about our students, things that might have been true 30 years ago," said Vice Provost Irma Becerra-Fernandez, who analyzed the results. "We really wanted to know, 'Who are our students?'"

They look a lot like Donna Duggins. Young, full-time students who live at home and have worked harder than they thought they could in order to succeed in college. The survey revealed that FIU is more of a typical college campus than commonly believed, with most students under age 24 and most attending full time.

That's a change from FIU's origins. Becerra-Fernandez, who earned her Ph.D. at FIU in 1994, remembers when FIU served an older population.

"To me it is a palpable difference between the institution that I started with and the one it is now," she said. "Upper classmen back then were already working and were going to FIU part time. But because we started that way, people think we are still that way."

The results give FIU plenty of reasons to be proud, while also shedding light on areas where FIU falls below the national average.





Continued

The good news is that 85 percent of the students said their entire educational experience at FIU is excellent or good. Three-quarters of seniors reported that they would attend FIU again. FIU faculty get high marks for being available, helpful and sympathetic.

Information like this amounts to a treasure trove for academic administrators. It informs the creation of academic policy and helps the university prioritize needs.

"We are looking carefully at the areas where we need to improve and we are taking action," Becerra-Fernandez said.

### ★ Improving writing and advising ★

Two areas that FIU is assessing are writing and academic advising. The survey shows that students were below the national average on preparing two or more drafts of a paper before turning it in. In addition, FIU students write fewer papers overall.

The results aren't a surprise given class sizes at FIU, said Paula Gillespie, director of FIU's Center for Excellence in Writing. Bigger classes generally mean fewer writing assignments and more multiple-choice exams. This summer, the university began hiring more instructors who can teach writing within each academic discipline, said Becerra-Fernandez.

Beyond that, she said, FIU needs to explore technology and peer-review programs that can assist faculty and students. The university has formed a task force that is preparing a report on how FIU can improve writing outcomes.

"We are going to be very creative," she said. "Our students need to be able to learn how to effectively put their thoughts into written communication."

The Writing Center is initiating a new Writing Fellows program that trains undergraduates to be writing tutors. Those tutors are assigned to classes where they work with students on

writing assignments before they are turned in to the professor.

"The writing fellows work with the faculty so they know the goal of the paper," Gillespie said. "They are helping students not only to write better papers, but helping them to master material."

In recent years, FIU has been investing in its academic advising services. In the survey, only 20 percent of FIU seniors rated their academic advising as excellent, well below the national average of 32 percent.

A major initiative is expected to improve advising. All students will be required to declare a major upon admission starting in Fall 2012, a change that will place students in an academic home earlier. Students will work with advisors in their major from day one to stay on track, said Undergraduate Education Dean Douglas Robertson.

Currently, students must declare a major once they reach 60 credits, typically at the end of their second year.

"Data show that if you find an academic home that coincides with your vision of what you want to do or where you want to go, and FIU provides a clear path along the way, you tend to get there," Robertson said. "Students will feel a sense of being informed and directed and supported all the time."

### ★ Understanding diverse perspectives ★

FIU students stood out against the national average when it comes to diversity. The responses reveal that meaningful diversity experiences are embedded into the entire educational experience at FIU, from social encounters to classroom assignments.

"Diversity here is not only about ethnicity, but socio-economic diversity and diversity in terms of perspective," said Becerra-Fernandez. "It's wonderful that we rank

high in diversity."

Some 65 percent of seniors said they often have serious conversations with students of different races or ethnicities. By comparison, 55 percent of seniors nationally do so. The results are similar for freshmen who were asked how often they have serious conversations with students who have very different religious beliefs, political opinions or personal values. Sixty-four percent of FIU freshmen said very often or often compared with 55 percent of freshmen nationally.

"The university strives to create opportunities for dialogue about diversity and opportunities to state that as a very clear code of expectations," Vice President of Student Affairs Rosa Jones said. "The message is clearly articulated that the university celebrates diversity. It's not something that happens by osmosis."

Incoming freshmen get the message at Panther Camp, a three-day Student Affairs orientation program that challenges students to examine their values and consider new perspectives.

Through the Global Learning initiative, all undergraduates are taking courses that help them develop global awareness, a global perspective, and an attitude of global engagement. The courses are complemented with co-curricular activities such as Diversity Week, which this year had programs on immigration, religion, gender issues, racial justice and disabilities.

### ★ Building campus life ★

With only 13 percent of students living on campus, FIU remains a commuter school. That's typical for an urban university in a major city. However, FIU students spend more hours on the road than students around the country. They also work more and spend more time



FIU students Michael Finch, Donna Duggins and Jamaal Ephriam work on a group project for their spring class, Visual Design for Media. (Right) Honors College public relations major Donna Duggins takes the FIU bus back and forth between MMC and BBC.

taking care of family.

All of this makes it difficult to engage students in campus life. Nearly 85 percent of FIU freshmen and seniors surveyed spend less than five hours a week participating in co-curricular activities.

Consider the schedule Donna Duggins kept all spring. On Mondays and Wednesdays, the South Miami resident drove her 1997 Nissan Sentra to MMC, attended one class, and then hopped on the shuttle to BBC for two more classes. Hours clocked in traffic: 3. Hours in class: 4.5.

On Fridays, Duggins spent more time commuting than in class. Tuesdays, Thursdays, Saturdays and Sundays were spent working.

"I really like FIU," said Duggins, "I just wish I had more time for campus life because I'm proud to be a Panther."

Helping students like Duggins have a well-rounded college experience is a continual challenge, said Jones.

"We want to have the students engaged because we know the data shows the students who are engaged tend to be much more

persistent and graduate," she said. "We also know that by being engaged they have a greater likelihood of being involved in things that will make them a more holistic person – music, art, athletics – things they discover here."

One solution is to offer more student housing. FIU will be doubling the number of on-campus residences in the next 10 years to 6,000 beds. Even then, less than 20 percent of students will live on campus.

Jones says the university has to be innovative about providing nearby off-campus housing. "In many urban institutions, there are no boundaries," she said. "The question this raises is what other kinds of partnerships do we develop in terms of housing?"

Other solutions come through creative programming. For instance, says Jones, Students Affairs is decentralizing programs so that activities can take place in the academic buildings where students take classes. They have also modified the hours of student activities.

"A lot of programs are in the evenings," she said. "If you come in on a Thursday evening

our students start arriving at 8 or 9 p.m. and are here until midnight. So many of them are working, but they can come after work."




Offering more on-campus jobs provides still more opportunities to help students. FIU is making strides in on-campus employment. Last spring, FIU and Florida Power & Light opened an on-campus call center that employs FIU students.

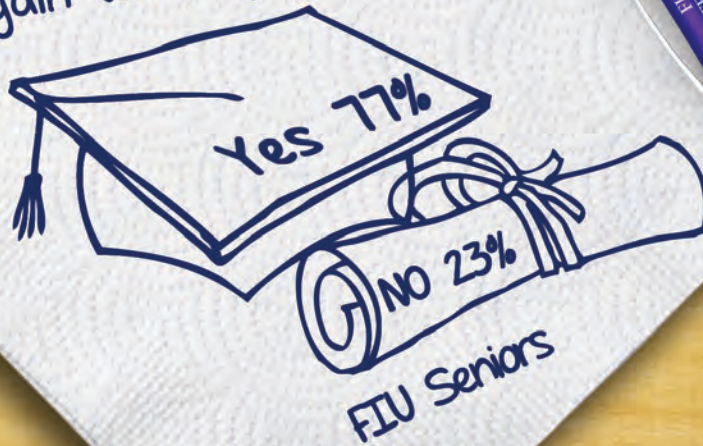
"One of the best things is working on campus, unlike other jobs where you have to sacrifice your school schedule in order to go to work," said FIU student Manuel Niño, an FPL customer care center representative.

Duggins works to pay her bills – car insurance, phone, clothing. She doesn't want to ask her parents for money. Even with her full-time job, she has maintained a 3.78 GPA. She keeps her eye on her goal – graduating – as she sticks to the hour-by-hour plans she has spelled out in her pink and green planner with the word "DREAM" drawn across it.

Sissi Aguila '99, MA '08, and Martin Haro '05 contributed to this story.






 If you could start over again would you go to FIU?



Homecoming!!!  
 Oct. 1, 2011



Donna Duggins: 40 hours a week

Percent of seniors who work off campus 21 hours or more a week



FIU



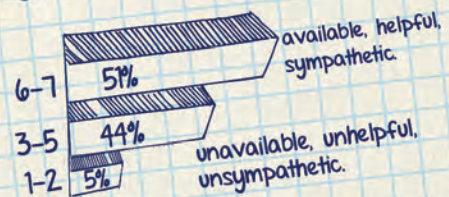
NATIONAL

# FIU

★ Percent of freshmen who say FIU provides the support they need to succeed academically 77%

★ Percent of FIU seniors who rate their entire experience at FIU as good or excellent 85%

FIU seniors rate the quality of their relationship to faculty on a scale of 1-7

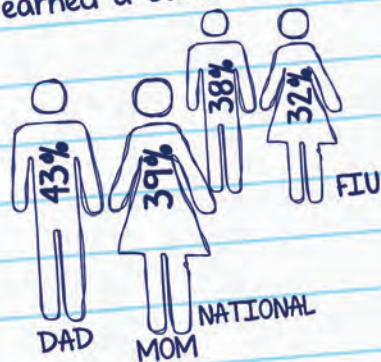


FEBRUARY

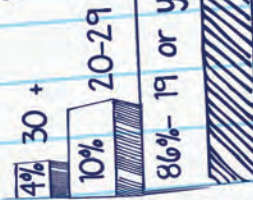


# FIU 101

Percent of seniors whose fathers and mothers have earned a bachelors degree or higher



Age of Freshmen



How often have you learned something that changed the way you understand an issue or concept?

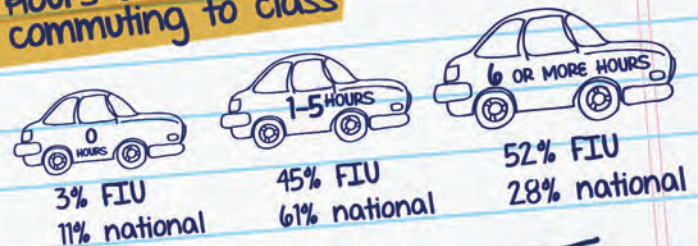


76% FIU seniors  
68% national

Hours a week seniors spend commuting to class

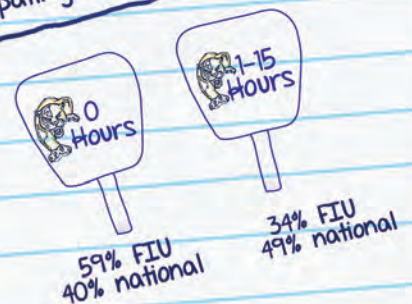
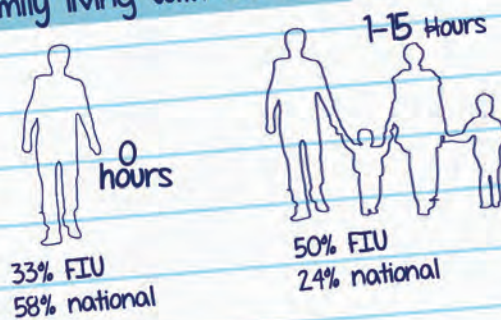


Percent of seniors who often worked harder than they thought they could to meet an instructor's standards



Hours a week freshmen spend participating in student life activities

Hours a week seniors spend caring for family living with them



To what extent does FIU encourage contact among students from different economic, social and racial or ethnic backgrounds?

Very much: 35% FIU freshmen  
26% national

To what extent has your university contributed to your understanding of people of other races and ethnicities?



Figures compiled from the 2010 National Survey of Student Engagement  
National= the national average of all student responses to the National Survey of Student Engagement





## **FIU 2012 FEDERAL PRIORITIES**

### **STEM**

Meet our region's need for a high-quality workforce skilled in Science, Technology, Engineering and Math by transforming STEM Education, teacher preparation and industry engagement. Additionally, federal policies and investments must be focused on research-driven strategies that address underrepresented minorities.

### **FINANCIAL AID**

Protect the maximum Pell grant and forestall interest rate increases on Stafford Loans. Over 20,000 FIU students currently receive Pell grants with a majority of those at the level of greatest need. 33,000 students receive Stafford loans, with and would face on average an additional \$7,800 in payments over the life span of the loan.

### **DEFENSE AND HOMELAND SECURITY**

Advance solutions in forensics sciences and biosensor testing to protect our troops in-theater and first responders at home.

### **VETERANS**

Propel ongoing applied research in NeuroProsthetics which seeks to restore touch to prostheses, of great potential to our Veterans that have experienced sensory loss.

### **WATER AND THE ENVIRONMENT**

Protect critical water and coastal research funding that is helping protect Florida's ecosystem, in particular the Everglades and Florida Bay. FIU seeks to also launch a research and monitoring plan for the effects on US ecosystems of drilling activities in Cuban waters.

### **NEIGHBORHOOD HEALTH AND HIV/AIDS**

Partner with the federal government to expand FIU's innovative NeighborhoodHELP model, an effective means for reduction of health care costs and expansion of clinical research focused on minority health disparities such as those that exist with Cancer, HIV/AIDS and Substance/Alcohol abuse.

### **TIGER, TRANSPORTATION AND UNIVERSITYCITY**

In partnership with the City of Sweetwater, Miami-Dade County, MDX, pursue competitive federal USDOT TIGER grants and others from HUD to advance the vision of UniversityCity—a viable plan for economic development and transportation connectivity in Southwest Miami-Dade County.

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## **Office of Engagement Initiatives Board of Trustees**

### **Life Sciences South Florida:**

- Executive Committee created
- Strategic Priorities 2011-2013
  - Establish shared communication portal, technology platform, research core facilities, and institute of commercialization
  - Conduct an extensive asset map and cluster analysis
  - Recruit, develop, and retain talent in the region
  - Create, develop and strengthen the K-20 STEM pathway in the region
- Website launch on February 14, 2012
- Creation of five subcommittees
- Subcommittees Updates:
  - ✓ Webinars and Conferences:
    - Webinars will be hosted every quarter for SFL Region
    - LSSF Webinar is scheduled on Thursday, March 22 at 2:00PM. Presenter is Dr. Ranu Jung, Chair of Biomedical Engineering Department
  - ✓ Shared Communication Portal and Technology Platform
    - First in person meeting on January 17, led by VP Ivan Baines, Max Planck
    - VPs and CIOs are researching existing platform models that can assist in the creation of this portal
  - ✓ STEM K-20 and Workforce Development
    - An inventory is being created of innovative STEM Programs in the participating academic institutions
  - ✓ Talent Recruitment
    - Working with Rick Beasely, President of South Florida Workforce to explore funding opportunities for region-wide internships
  - ✓ Asset Map
    - Working with Avalanche Consulting to receive a quote for Asset Map creation on the portal
    - Educational Programs
    - Research Capabilities
    - Life Sciences Companies
    - Venture Capital Companies

**Project ACCESS:**

- Dual Enrollment Increased 672% from Fall 2009 to Fall 2011
  - From 425 to 3291 Students
  - From 16 to 102 Courses
  - From 6 to 31 Schools
- Dual Enrollment Workshop with Woodrow Wilson Foundation with 75 MDCPS teachers and FIU Faculty
- FDOE School 2010-2011 Report:
  - No “F” Schools in MDCPS
  - MNWHS rose from F in 2009, D in 2010, to B in 2011
- MOU Signed for STEM Math and Science Certificates for Elementary and Middle School Teachers (December 2011)
- MDCPS EXSEL Center Launched for Students with ADHD/Behavioral Disabilities and Families
- 100Kin10, collaborative proposal to create more STEM teachers

**The Education Effect:**

- Received \$1 million grant from the JP Morgan Chase Foundation in September 2011
- New Project Director hired – Maria Lovett
- UPenn Netter Center’s Dr. Ira Harkavy consultation visit with MNWHS Team and 40 Community Organizations Leaders on January 19-20, 2012
- MNWHS students and parents dialogue with President Rosenberg and Trustee Grant (November 2011)
- Funded projects include aquaponics/community garden, service-learning, dual enrollment expansion, Panther for a Day program and financial literacy workshops

**Internships:**

- Student internships increased 1579 to 1774 (12 percent)
- FPL Internship Program
  - 31 FPL interns hired since December 2010
  - 13 of the 31 interns have been hired in permanent positions

**Fundación MIR Dominican Republic Initiative:**

- Partnership with three Fundación MIR Schools in La Romana, DR
- FIU COE Team Conducted Professional Development Workshop for 54 Educators
- Alternative Spring Break with 12 FIU Students to Assist in Development of Student Government

# Life Sciences South Florida

- Executive Committee Created
- Strategic Priorities 2011-2013
- Website Launch on February 14, 2012
- Five Subcommittees Created



# Project ACCESS



FLORIDA  
INTERNATIONAL  
UNIVERSITY



- Dual Enrollment Increased 672% from Fall 2009 to Fall 2011
  - From 425 to 3291 Students
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- MOU Signed for STEM Math and Science Certificates for Elementary and Middle School Teachers (December 2011)
- MDCPS EXSEL Center Launched for Students with ADHD/Behavioral Disabilities and Families



# The Education Effect

- \$1 M Grant from JPMorgan Chase Foundation to Develop a University Assisted Community School at MNWHS
- Launched *The Education Effect* in August 2011
- MNWHS Students and Parents Dialogue with President Rosenberg and Trustee Grant (November 2011)
- UPenn Netter Center's Dr. Ira Harkavy Consultation Visit with MNWHS Team and 40 Community Organizations Leaders



# Internships

- Student internships increased 1579 to 1774 (12 percent)
- FPL Internship Program
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# Fundación MIR Dominican Republic Initiative

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- Alternative Spring Break with 12 FIU Students to Assist in Development of Student Government



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## LIFE SCIENCES SOUTH FLORIDA

### Strategic Priorities and Executive Subcommittees for 2011-2013

1. *Establish shared communication portal, technology platform, research core facilities, and institute of commercialization*
  - a. Create a distinctive brand, encompassing:
    - unified vision for Life Tech Florida from a cohesive region
    - common definition understood and shared by everyone and widely communicated inside and outside the region
    - strong message about the region's assets
    - summary of our collective strengths, weaknesses, focal areas, products or services
  - b. Develop shared platform for technology & research infrastructure and central technology transfer office
    - Assess research infrastructure, technology, resources, facilities, and programs
    - Build cost-effectiveness and efficiency by sharing research infrastructure, resources, facilities, best practices and programs
    - Provide seamless access to a wide array of technologies across the region for researchers applying for R01 grants
    - Tap into "unused capacity": institutions with technologies that are not used to full capacity and can be shared with others to maximize overall research productivity
    - Create a shared technology transfer office with branches at different institutions
  - c. Create a financial, legal, and administrative model to enable shared platform and communication
    - Draft a cross-institutional MOU to enable sharing to occur
    - Develop a three-tiered financial structure with internal price; collaborative price (for Life Tech Florida members, without IDC); and an external price (for institutions outside of LTF, full costs including IDC)
2. *Conduct an extensive asset map and cluster analysis*
  - Identify strengths and synergies with member institutions
  - Scrutinize three important domains: neuroscience, metabolic disorders, and cancer
  - Identify and analyze gaps: for example, gaps in computational approaches, bioinformatics, and other areas
  - Identify research and industry clusters in the region

## LIFE SCIENCES SOUTH FLORIDA

### Strategic Priorities and Executive Subcommittees for 2011-2013

3. *Recruit, develop, and retain talent in the region*
  - Use the strengths of universities and institutions to recruit the best students in Medicine, Engineering, Arts and Sciences, and other areas
  - Make available to students and investigators the combined expertise and assets of the region
  - Apply a regional approach which significantly increases opportunities for students to find specific resources, technology, or expertise in their scientific area
  - Develop a region-wide internship program with opportunities for cross-fertilization of talent
4. *Create, develop and strengthen programs designed to increase STEM student and workforce development within the region*
  - a. Strengthen K-20 STEM career pathway
    - Develop and implement STEM pipeline programs beginning in elementary and middle school, leveraging assets of universities/colleges and research institutes
    - Define what jobs are in the pathway, starting early pipelines in advance of college years
  - b. Enhance workforce development throughout the continuum
    - Build programs from one-year certificate to postdoctoral
    - Survey industry and determine gaps in curricular programs and skill sets of graduates
    - Leverage public and private funding to fill gaps in workforce training
    - Develop and strengthen teacher preparation programs in STEM for pre-service and in-service teachers

#### Executive Committee Subcommittees:

1. Regional Conference and Seminars  
Divina Grossman  
David Armstrong / **Linda Howdysshell - Chair**  
Bob Swindell / Todd Holt  
Roy Pocknee
2. Shared Communication Portal, Technology Platform, Research Core Facilities & Institute of Commercialization  
**Ivan Baines - Co-Chair**  
**Harry Orf - Co-Chair**



## LIFE SCIENCES SOUTH FLORIDA

### Strategic Priorities and Executive Subcommittees for 2011-2013

Jack Lord

Elvis Rojas

Gary Margules

3. Asset Map and Cluster Analysis

**Andrew Duffell - Chair**

Ivan Baines

Kelly Smallridge

Frank Nero

4. Talent Recruitment

Mary Jane Saunders

**Ron Toll - Chair**

Gary Margules

5. STEM K-20 Student and Workforce Development

Dennis Gallon

**Rolando Montoya - Chair**

Marcelo Radice

Ed Massey

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## Proposed left menu

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<b>Mission</b>
<b>Strategic Priorities and Goals</b>
<b>Institutional Members and Executive Committee</b>
<b>Asset Map</b>
<b>Educational Programs and Number of Graduates</b>
<b>Research Capabilities, Research Parks, and Institutes</b>
<b>Venture Capital Companies</b>
<b>Life Sciences Corporations</b>
<b>Media</b>
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## **Overview**

Life Sciences South Florida (LSSF) aims to establish an industry cluster in South Florida focused on life sciences, biotechnology, pharmaceuticals, diagnostics, and information technology. Biotechnology is defined as "any technological application that uses biological systems, living organisms, or derivatives thereof, to make or modify products or processes for specific use (United Nations Convention on Biologic Diversity, 1992)." LSSF draws inspiration from successful regional economic development clusters such as the Florida High Tech Corridor in Central Florida, Silicon Valley in California, and the Research Triangle in North Carolina. The history of these productive clusters points to a number of critical factors for success:

1. Regionalism
2. Presence of a connecting culture
3. Committed university leadership
4. Key individual leaders
5. Entrepreneurial culture, and
6. Availability of capital resources.

Assembling these ingredients synergistically to leverage existing regional life sciences assets in South Florida with state, federal, and private investment opportunities will be key to developing a more resilient economy that will generate more stable, sustainable, and high-paying jobs.

To spawn and stimulate economic growth in South Florida, LSSF will link the elements of the innovation ecosystem: research, entrepreneurship, venture capital, and life sciences companies, with a goal toward increasing research density and accelerating research commercialization. Additionally, the life sciences and biotechnology workforce required to support economic innovation will be strengthened by enhancing K-20 STEM education and talent development in the region.

LSSF Executive Committee members include leaders of 16 educational, economic development, and research institutions: Florida International University, Florida Atlantic University, Florida Gulf Coast University, Nova Southeastern University, University of Miami, Miami-Dade College, Broward College, Palm Beach State College, Indian River State College, the Beacon Council, the Business Development Board of Palm Beach County, Greater Fort Lauderdale Alliance, Florida Atlantic Research Park, University of Miami Life Sciences and Technology Park, Max Planck Florida Institute, and Scripps Florida.

## **History**

On August 17, 2010, LSSF was launched under its original name "Life Sciences Corridor" by President Mark Rosenberg of Florida International University and President Frank Nero of the Beacon Council who convened a meeting with Presidents

## DRAFT

of four public and private universities, four state colleges, three economic development councils, and the Presidents of Enterprise Florida, the Florida High Tech Corridor, and the President of the Florida Network of Research, Science, and Technology Parks. Later on in its development, the LSSF membership was expanded to include Presidents of the two research parks and two research institutes in the region.

After the initial meeting and over a year later, LSSF members participated in nine meetings and conference calls to discuss the regional plan of action that would lead to the successful creation of an industry cluster. A decision was made to develop an asset map to identify regional assets including educational programs in the life sciences and IT and the number of graduates annually, research strengths and capabilities, venture capital companies, and life sciences corporations. An Executive Committee was formed, which had the first meeting on September 23, 2011. The Executive Committee formulated and approved four LSSF strategic priorities and goals:

1. Establish a shared communication portal, technology platform, research core facilities, and an institute of commercialization.
2. Conduct an extensive asset map and cluster analysis of regional resources in education, research, venture capital and life sciences companies.
3. Recruit, develop, and retain talent in the region using the strengths of universities and institutions to recruit the best talent for the life sciences and IT industry.
4. Create, develop and strengthen programs designed to increase STEM student and workforce development within the region.

These strategic priorities expand upon the long-term innovation and high-technology growth plan envisioned for the state of Florida contained in the New Florida Initiative ([http://www.flbog.org/new\\_florida/](http://www.flbog.org/new_florida/)). Members of LSSF executed Memoranda of Understanding (MOU) articulating their commitment to collaborate with each other toward the achievement of strategic priorities established. Recently, the initiative was rebranded Life Sciences South Florida with the tagline Technology, Talent, and Research; a trademark application for the name was submitted.

### **Mission**

Universities, state colleges, research institutes, and research parks will utilize our collective assets and facilitate collaborations with economic development councils and regional, state, national, and international industries, governments, and communities to promote innovation, investment, entrepreneurship and economic growth in the areas of biotechnology, pharmaceuticals, diagnostics, and information technology to generate high-technology and high-paying employment.

(We propose a similar format to the Florida High Tech Corridor webpage. A separate small window opens prior to viewing their homepage. Similarly, Life Sciences South Florida's mission will appear in a small box when the "mission" tab is clicked along with the logo).

## **Strategic Priorities and Goals**

The strategic priorities and goals were derived from a process that involved initial interviews with all Presidents of LSSF institutional members. After creating an original draft of 18 strategic priorities identified, the top four were selected by consensus at the Inaugural Meeting of the LSSF Executive Committee Meeting on September 23, 2011:

1. *Establish a shared communication portal, technology platform, research core facilities, and institute of commercialization*
  - a. Create a distinctive brand, encompassing:
    - a unified vision for Life Tech Florida from a cohesive region
    - a common definition understood and shared by everyone and widely communicated inside and outside the region
    - a strong message about the region's assets
    - a summary of our collective strengths, weaknesses, focal areas, products or services
  - b. Develop a shared platform for technology and research infrastructure and a central technology transfer office:
    - Assess research infrastructure, technology, resources, facilities, and programs
    - Build cost-effectiveness and efficiency by sharing research infrastructure, resources, facilities, best practices and programs
    - Provide seamless access to a wide array of technologies across the region for researchers applying for R01 grants
    - Tap into "unused capacity": institutions with technologies that are not used to full capacity and can be shared with others to maximize overall research productivity
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    - Develop a three-tiered financial structure with internal price; collaborative price (for Life Tech Florida members, without IDC); and an external price (for institutions outside of LTF, full costs including IDC)



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2. *Conduct an extensive asset map and cluster analysis*
  - Identify research and industry clusters in the region
  - Identify strengths and synergies with member institutions
  - Scrutinize three important domains: neuroscience, metabolic disorders, and cancer
  - Identify and analyze gaps: for example, gaps in computational approaches, bioinformatics, and other areas
3. *Recruit, develop, and retain talent in the region*
  - Use the strengths of universities and institutions to recruit the best students in Medicine, Engineering, Arts and Sciences, and other areas
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    - Develop and implement STEM pipeline programs beginning in elementary and middle school, leveraging assets of universities, state colleges, and research institutes
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  - b. Enhance workforce development throughout the continuum:
    - Build programs from one-year certificate to postdoctoral
    - Survey industry and determine gaps in curricular programs and skill sets of graduates
    - Leverage public and private funding to fill gaps in workforce training
    - Develop and strengthen teacher preparation programs in STEM for pre-service and in-service teachers.

### **Institutional Members and Executive Committee**

Formally established on September 23, 2011, the Executive Committee represents the leadership of institutional members comprising five public and private universities, four community and state colleges, three economic development agencies, two research parks and two research institutes in the South Florida region.

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The Executive Committee engages in monthly conference calls and quarterly meetings to discuss progress on stated goals. Industry reports from life science companies are presented to the Executive Committee to educate and inform them about innovative advances and business models for life sciences companies in the region.

### Institutional Members:

- *Public and Private Universities:*  
Florida International University, Florida Atlantic University, Florida Gulf Coast University, Nova Southeastern University, and University of Miami
- *State Colleges:*  
Broward College, Indian River State College, Miami-Dade College, and Palm Beach State College
- *Economic Development Agencies:*  
Beacon Council, Greater Fort Lauderdale Alliance, and Business Development Board of Palm Beach County
- *Research Parks:*  
Florida Atlantic Research Park/Florida Atlantic Research and Development Authority and University of Miami Innovation Center and University of Miami Life Science and Technology Park
- *Research Institutes:*  
Max Planck Florida Institute and Scripps Florida

*\*Each Institutional member's name will link to their homepage*

### Executive Committee Members:

- David Armstrong - President, Broward College
- Ivan Baines - Chief Scientific Facilities Officer, Max Planck Florida Institute
- Andrew Duffell - President and CEO, Florida Atlantic Research and Development Authority
- Dennis Gallon - President, Palm Beach State College
- Divina Grossman - Vice President for Engagement, Florida International University
- Todd Holt - Director, Business Development of Greater Ft. Lauderdale Alliance
- Linda Howdyshell - Provost, Broward College
- Jonathan "Jack" Lord - Chief Innovation Officer, University of Miami Innovation and Life Science and Technology Park

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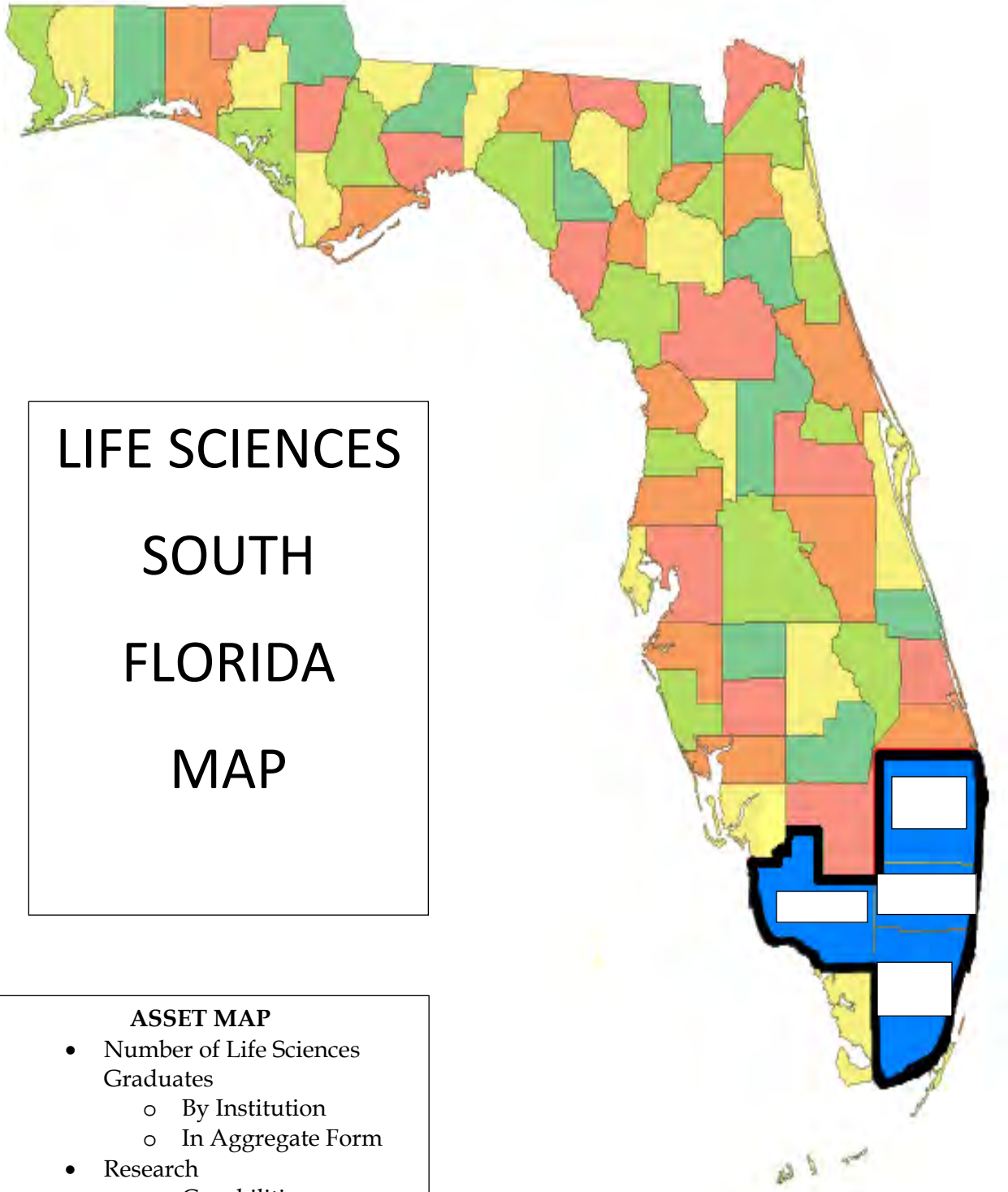
- Gary S. Margules - Vice President for Research and Technology Transfer, Nova Southeastern University
- Ed Massey – President, Indian River State College
- Rolando Montoya – Provost, Miami-Dade College
- Frank Nero – President, Beacon Council
- Harry W. Orf - Vice President of Scientific Operations, Scripps Florida
- Marcelo Radice - Executive Director, University of Miami Life Science and Technology Park and Florida Network of Research, Science and Technology Parks
- Elvis Rojas - Plant Manager, Merck and Company
- Mark Rosenberg – President, Florida International University
- Mary Jane Saunders – President, Florida Atlantic University
- Kelly Smallridge - President and CEO, Business Development Board of Palm Beach County
- Shawn Rowan - Assistant Vice President, Business Development Board of Palm Beach County
- Robert Swindell - President and CEO, Greater Ft. Lauderdale Alliance
- Ronald Toll - Provost, Florida Gulf Coast University

[\\*Recommended head shot of Executive Committee Members](#)

### Asset Map

As a key step, LSSF embarked on the development of an asset map to identify existing strengths, resources, and opportunities in the life sciences and IT within the region that will provide baseline information to assist stakeholders and policy makers in future strategic planning. Data collection was completed to create an asset map detailing the following:

- Educational Programs in Life Sciences and IT and Number of Graduates (Last two years)
  - By Institution
  - In Aggregate Form
- Research
  - Capabilities
  - Facilities
  - Parks
  - Institutes
- Venture Capital Companies
- Life Sciences Companies



# LIFE SCIENCES SOUTH FLORIDA MAP

## ASSET MAP

- Number of Life Sciences Graduates
  - By Institution
  - In Aggregate Form
- Research
  - Capabilities
  - Facilities
  - Parks
  - Institutes
- Venture Capital Companies
- Life Sciences Companies



## **Educational Programs and Number of Graduates**

Data were collected from university and state college members about their educational programs in the life sciences and IT and the number of graduates in the last two years, 2009-2010 and 2010-2011. The data are depicted by individual institution and in the aggregate by year.

[Life Science Education Programs by Institution 2009-2011 \(link\)](#)

[Life Science Education Programs by Aggregate 2010-2011 \(link\)](#)

[Life Science Education Programs by Aggregate 2009-2010 \(link\)](#)

\*These documents are currently being audited for accuracy. Please note that one institutional member, Nova Southeastern University, is still missing data.

## **Research Capabilities, Research Parks and Institutes**

Data on research capabilities in universities, as well as research parks and research institutes are outlined.

[Research Capabilities – listed by Institution and in aggregate form \(link\)](#)

[Research Parks \(link\)](#) – \*We have information but it would be best to either link directly or have the institution provide a brief paragraph introducing the company.

[Research Institutes \(link\)](#) – \*When clicking on the link, Max Planck and Scripps will appear with links to their homepages. Another alternative is to have those companies provide a paragraph introduction to accompany the link.

## **Venture Capital Companies (VCs)**

**Because financial investments from venture capital companies are needed to spin off companies from research patents and intellectual property of universities and research institutes, the following venture capital companies in the region are listed:**

- ABS Capital Partners ([www.abscapital.com](http://www.abscapital.com))
- Antares Capital Corporation ([www.antarescapital.com](http://www.antarescapital.com))
- Arcapita Venture ([www.arcapita.com](http://www.arcapita.com))
- Ballast Point Ventures ([www.ballastpointventures.com](http://www.ballastpointventures.com))
- Banyan Mezzanine Fund L.P. ([www.banyanmezzaninefunds.com](http://www.banyanmezzaninefunds.com))
- Carr Rigs & Ingram, LLC ([www.cricpa.com](http://www.cricpa.com))
- Chile Global Angels ([www.chileglobalangels.cl](http://www.chileglobalangels.cl))
- Chrysalis Venture ([www.chrysalisventures.com](http://www.chrysalisventures.com))
- Columbia Capital ([www.colcap.com](http://www.colcap.com))
- Darby Overseas Investments ([www.darbyoverseas.com/darby/index.jsp](http://www.darbyoverseas.com/darby/index.jsp))
- Dolphin Equity Partners ([www.dolphinequity.com](http://www.dolphinequity.com))

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- Flybridge Capital Partners ([www.flybridge.com](http://www.flybridge.com))
- Frontier Capital ([www.frontiercapital.com](http://www.frontiercapital.com))
- Habert Venture Partner, LLCFAU ([www.harbert.net](http://www.harbert.net))
- H.I.G. Venture ([www.higventures.com](http://www.higventures.com))
- Intersouth Partners ([www.intersouth.com](http://www.intersouth.com))
- Lovett Miller & Co. ([www.lovettmiller.com](http://www.lovettmiller.com))
- Mayport Venture Partners, LLC ([www.mayport.cc/index.html](http://www.mayport.cc/index.html))
- MC Capital Partners ([www.mcventurepartners.com](http://www.mcventurepartners.com))
- MMV Financial Inc. ([www.mmvf.com](http://www.mmvf.com))
- Monashees Capital ([www.monashees.com.br](http://www.monashees.com.br))
- New World Angels ([www.newworldangels.com](http://www.newworldangels.com))
- North Bay Equity Partners ([www.northbayequity.com/index.html](http://www.northbayequity.com/index.html))
- North Bridge ([www.northbridge.com](http://www.northbridge.com))

### Life Sciences Corporations

Using the Florida BioDatabase derived from the University of Florida's Sid Martin Biotechnology Incubator, LSSF has identified 75 life sciences companies in South Florida that use modern biological techniques to develop products or services for human health care or animal health care, agricultural productivity, food processing, renewable resources, industrial manufacturing, or environmental management. The companies are enumerated below:

[Life Sciences South Florida Company Profiles – \\* Life Science Company Profiles was provided by Florida BioDatabase and University of Florida's Sid Martin Biotechnology Incubator.](#) (Please include the link to Sid Martin Biotechnology website)

To find additional information regarding the various South Florida life sciences companies within our region, click on their website links listed below.

- Accu-Break Pharmaceuticals ([www.accubreak.com](http://www.accubreak.com))
- Actavis Pharmaceuticals ([www.actavis.com](http://www.actavis.com))
- Adhaere ([www.adhaere.com](http://www.adhaere.com))
- Akron Biotech ([www.akronbiotech.com](http://www.akronbiotech.com))
- Algenol Biofuels ([www.algenolbiofuels.com](http://www.algenolbiofuels.com))
- Altor Bioscience ([www.althorbioscience.com](http://www.althorbioscience.com))
- AssureImmune ([www.assureimmune.com](http://www.assureimmune.com))
- Aveva Drug Delivery Systems ([www.avevadds.com](http://www.avevadds.com))
- Beckman Coulter ([www.beckmancoulter.com](http://www.beckmancoulter.com))
- Becton Dickinson ([www.bd.com](http://www.bd.com))
- Bioheart ([www.bioheartinc.com](http://www.bioheartinc.com))
- Biomet 3i ([www.biomet3i.com](http://www.biomet3i.com))

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- Bio-Nucleonics ([www.bionucleonics.com](http://www.bionucleonics.com))
- BioRestorative Therapies ([www.stemcellassurance.com](http://www.stemcellassurance.com))
- Biotest Biopharmaceuticals ([www.biotestpharma.com](http://www.biotestpharma.com))
- Bio-Tissue ([www.biotissue.com](http://www.biotissue.com))
- BioTools ([www.btools.com](http://www.btools.com))
- Blue Ocean Biomedical ([www.blueoceanbio.com](http://www.blueoceanbio.com))
- Boston Scientific ([www.bostonscientific.com](http://www.bostonscientific.com))
- Catalyst Pharmaceutical Partners ([www.catalystpharma.com](http://www.catalystpharma.com))
- Chiral Corp ([www.pdr-chiral.com](http://www.pdr-chiral.com))
- CHS Pharma ([www.chspharma.com](http://www.chspharma.com))
- Concordia Pharmaceuticals ([www.concordiapharma.com](http://www.concordiapharma.com))
- Cordis ([www.cordis.com](http://www.cordis.com))
- CROMA Pharmaceuticals ([www.croma.at](http://www.croma.at))
- Custom Biologicals ([www.custombio.com](http://www.custombio.com))
- Cygene Labs ([www.cygenelabs.com](http://www.cygenelabs.com))
- Cytonics ([www.cytonics.com](http://www.cytonics.com))
- Cytorex Biosciences ([www.cytorex.com](http://www.cytorex.com))
- Dayamed ([www.dayamed.com](http://www.dayamed.com))
- Dharma Biomedical ([www.dharmabiomedical.com](http://www.dharmabiomedical.com))
- DNA Labs International ([www.dnalabsinternational.com](http://www.dnalabsinternational.com))
- Dydaic ([www.dyadic-group.com](http://www.dyadic-group.com))
- Emunamedica ([www.emunamedica.com](http://www.emunamedica.com))
- EnVont ([www.envont.com](http://www.envont.com))
- Envoy Therapeutics ([www.envoytherapeutics.com](http://www.envoytherapeutics.com))
- Eyetech ([www.eyetech.com](http://www.eyetech.com))
- GeneEx ([www.geneexinc.com](http://www.geneexinc.com))
- GLG Pharma ([www.glgpharma.com](http://www.glgpharma.com))
- Goodwin Biotechnology ([www.goodwinbio.com](http://www.goodwinbio.com))
- Health-Chem Diagnostics ([www.healthchemdiagnostics.com](http://www.healthchemdiagnostics.com))
- Heat Biologics ([www.heatbio.com](http://www.heatbio.com))
- Hema Diagnostics Systems ([www.rapid123.com](http://www.rapid123.com))
- ImmunoSite Technologies ([www.immunositetechnologies.com](http://www.immunositetechnologies.com))
- Innovia ([www.innovia-llc.com](http://www.innovia-llc.com))
- iTherapeutics ([www.itherapeutics.com](http://www.itherapeutics.com))
- Ivax Diagnostics ([www.ivaxdiagnostics.com](http://www.ivaxdiagnostics.com))
- Merck ([www.merck.com](http://www.merck.com))
- Meridian Bioenergy ([www.meridianbioenergy.com](http://www.meridianbioenergy.com))
- Metabogenix Technologies ([www.MetabogenixTechnologies.com](http://www.MetabogenixTechnologies.com))
- Miami Cardiovascular Innovations ([www.stentcell.com](http://www.stentcell.com))
- MolecularMD ([www.molecularmd.com](http://www.molecularmd.com))
- National Healing Corporation ([www.nationalhealing.com](http://www.nationalhealing.com))
- NeoGenomics Laboratories ([www.neogenomics.org](http://www.neogenomics.org))
- Noven Pharmaceuticals ([www.noven.com](http://www.noven.com))
- Nuovo Biologics ([www.nuovobiologics.com](http://www.nuovobiologics.com))
- Nutra Pharma ([www.nutrapharma.com](http://www.nutrapharma.com))

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- Ocean Ridge Biosciences ([www.oceanridgebio.com](http://www.oceanridgebio.com))
- Opko Health ([www.opko.com](http://www.opko.com))
- OrbusNeich ([www.orbusneich.com](http://www.orbusneich.com))
- Pique Therapeutics ([www.piquetherapeutics.com](http://www.piquetherapeutics.com))
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- Protix Therapeutics ([www.protixtherapeutics.com](http://www.protixtherapeutics.com))
- ReceptoPharm ([www.receptopharm.com](http://www.receptopharm.com))
- Source Molecular ([www.sourcemolecular.com](http://www.sourcemolecular.com))
- STROX Biopharmaceuticals ([www.stroxbio.com](http://www.stroxbio.com))
- Teva Pharmaceuticals ([www.tevausea.com](http://www.tevausea.com))
- Tigris Pharmaceuticals ([www.tigrispharma.com](http://www.tigrispharma.com))
- TransDermal Technologies ([www.transdermaltechnologies.com](http://www.transdermaltechnologies.com))
- Tyrogenex ([www.tyrogenex.com](http://www.tyrogenex.com))
- Vicor Therapeutics ([www.vicortech.com](http://www.vicortech.com))
- Watson Pharmaceuticals ([www.watson.com](http://www.watson.com))
- Xcovery ([www.xcovery.com](http://www.xcovery.com))
- Xcovery Vision ([xcoveryvision.com](http://xcoveryvision.com))

## Media

- **In The News**
  - Beacon Council Report
  - Miami Today Articles
- **Photo Gallery**
  - First Executive Committee Meeting held on September 23, 2011
  - LSSF Executive Committee Members
- **Meeting Minutes**
  - August 17, 2010
  - October 22, 2010
  - February 1, 2011
  - May 25, 2011
  - July 15, 2011
  - August 16, 2011
  - September 23, 2011
  - October 19, 2011
  - December 16, 2011

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- Articles
  - Related research articles
- White Papers



- Sample MOU

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# FALL 2011 - OFF CAMPUS DUAL ENROLLMENT REPORT

	School	#	Class	Code	Sec	PROF.	First	Last	Count
1	DORAL	90537	AMH	2041	R7P	PROF.	EMERIO	DIAZ	25
2	DORAL	90538	MUH	1011	R7P	DR.	ADALBERTO	YANES	36
3	DORAL	90539	SPC	2608	R7P	DR.	JOANN	BROWN (FIU)	27
1	HOMESTEAD	90574	EDF	1005	R7D	PROF.	WENDY	KASLOFSKY	33
2	HOMESTEAD	90568	ENC	1101	R7D	PROF.	ERNESTINE	CARR	38
3	HOMESTEAD	90573	PEM	2101	R7D	PROF.	JOHN	SMITH	28
4	HOMESTEAD	90575	PSY	2012	R7D	PROF.	TONI	SHAW	24
1	M. KILLIAN	90648	CPO	2002	R7G	PROF.	AMY	LANDER-ROLON	34
2	M. KILLIAN	90686	SPN	2330	R7G	PROF.	GLORIA	CASTILLO	22
1	HIALEAH	90545	ENC	1102	R7F	PROF.	MAITE	JEREZ	30
2	HIALEAH	90639	POS	2042	R7F	PROF.	KATRINA	HERRING	79
1	CORAL GABLES	90744	ART	1203C	R7S	PROF.	JENNIFER	STAPLETON	28
2	CORAL GABLES	90633	ART	2300	R7S	PROF.	DAVID	TAYLOR	14
3	CORAL GABLES	90690	ENC	1101	R7S	PROF.	PRESTON	SCANLON	67
4	CORAL GABLES	90636	ITA	2200	R7S	PROF.	MELISSA	GINSBERG	26
5	CORAL GABLES	81734	PEM	2101	R7S	PROF.	EULALIA	ALBALATE	98
6	CORAL GABLES	90638	POS	2042	R7S	PROF.	JAMES	DUNN	42
7	CORAL GABLES	90653	SPN	2200	R7S	PROF.	DAVID	KIRSNER	13
8	CORAL GABLES	84604	SPN	2233	R7S	PROF.	MERCEDES	VERAZAIN	23
9	CORAL GABLES	90661	SPN	2340	R7S	PROF.	MERCEDES	VERAZAIN	27
1	CAROL CITY	86191	MAC	1105	R7K	PROF.	EDONY	PRINCIVIL	23
2	CAROL CITY	90599	PEM	1141	R7K	PROF.	BENNETT	PACKMAN	22
3	CAROL CITY	90601	POS	2042	R7K	PROF.	MARION	ROGERS	10
1	NMB	90540	ENC	1101	R7X	PROF.	JUDITH	WEINBERG	61
2	NMB	90541	ENC	1102	R7X	PROF.	JUDITH	WEINBERG	42

	School	#	Class	Code	Sec	PROF.	First	Last	Count
3	NMB	90542	PEM	1141	R7X	PROF.	WAYNE	RULLAN	47
4	NMB	90544	PSY	2012	R7X	PROF.	SELENA	VOLCY	133
1	PALMETTO	84738	MAC	2313	R7Z	PROF.	CAROL	McKINNEY	34
1	H M LAKES	90741	AMH	2041	R7O	PROF.	JENNIFER	MURRAY	30
2	H M LAKES	90562	AML	2020	R7O	PROF.	MICHAEL	GARCIA	37
3	H M LAKES	90607	ENT	1000	R7O	PROF.	KEENAN	LAWHORNE	32
4	H M LAKES	90628	PEM	2101	R7O	PROF.	FELICIA	DENT	35
1	SOUTHRIDGE	90521	AMH	2041	R7E	PROF.	JOHN	BARDUNIAS	70
2	SOUTHRIDGE	90520	ENC	1101	R7E	PROF.	RICHARD	SIGNORE	123
3	SOUTHRIDGE	90528	ENG	2012	R7E	PROF.	RICHARD	SIGNORE	40
4	SOUTHRIDGE	90529	ENT	1000	R7E	PROF.	ANNA	CARRANZA	6
5	SOUTHRIDGE	90530	EUH	2011	R7E	PROF.	JOHN	BARDUNIAS	68
1	DASH	80304	ARC	1171	R7N	PROF.	JOSE	ORTEZ	12
2	DASH	80305	ARC	1171	R7N1	PROF.	JOSE	ORTEZ	19
3	DASH	90467	ARC	1930	R7N	PROF.	LILLIANE	DANGER	19
4	DASH	90468	ARC	1930	R7N1	PROF.	LILLIANE	DANGER	20
5	DASH	90469	ARC	1930	R7N2	PROF.	LILLIANE	DANGER	20
6	DASH	90470	ARC	1930	R7N3	PROF.	MARK	MARINE	19
7	DASH	90471	ARC	1930	R7N4	PROF.	MARK	MARINE	17
8	DASH	90472	ARC	1930	R7N5	PROF.	MARK	MARINE	16
9	DASH	90692	ART	1203	R7N	PROF.	JOHAN	EVERS	25
1	WESTLAND HIA.	90644	ECO	2013	R7W	PROF.	MANUEL	REYES	47
2	WESTLAND HIA.	86190	MAC	1105	R7W	PROF.	KENNETH	HANDELSMAN	12
3	WESTLAND HIA.	90629	PSY	2012	R7W	PROF.	MAYTE	IGLESIA	30
4	WESTLAND HIA.	90660	SPN	2230	R7W	PROF.	ARELYS	GONZALEZ	61
1	MIAMI BEACH	90593	SYG	2000	R7B	PROF.	WILLIAM	PRESSWOOD	28



	School	#	Class	Code	Sec	PROF.	First	Last	Count
1	MATER	90563	EDF	1005	R7Y	PROF.	ALEJANDRO	MARTINEZ	25
2	MATER	90564	SPC	2608	R7Y	DR.	JOANN	BROWN (FIU)	23
3	MATER	90697	SPC	2608	R7Y1	DR.	JOANN	BROWN (FIU)	34
4	MATER	90565	SPN	2210	R7Y	PROF.	CARMEN	PORTELA	33
1	NORLAND	90597	EDF	1005	R7M	PROF.	LENA	McARTHUR	31
2	NORLAND	90598	EDF	1005	R7M	PROF.	SHERON	COOPER	29
1	BRADDOCK	90637	ITA	2200	R7Q	PROF.	LINDA	ULMAN	25
1	CENTRAL	90641	AFA	2004	R7C	PROF.	MARAIAMA	JAITEH (FIU)	15
2	CENTRAL	90616	ENC	1101	R7C	DR.	KENNETH	PADDICK	74
3	CENTRAL	90622	MUH	1101	R7C	PROF.	JOHN	McMINN	28
4	CENTRAL	90666	SPC	2608	R7C	PROF.	KYLE	STEINFATT (FIU)	15
5	CENTRAL	90696	SPC	2608	R7C1	PROF.	KYLE	STEINFATT (FIU)	17
1	NORTHWESTERN	90645	CGS	2060	R7I	PROF.	KATHLEEN	LYDEN	22
2	NORTHWESTERN	90617	ENC	1101	R7I	PROF.	RICHARD	WILLIAMS	24
3	NORTHWESTERN	90620	ENC	1102	R7I	PROF.	RICHARD	WILLIAMS	21
4	NORTHWESTERN	90623	MUH	1011	R7I	PROF.	ERROL	ROCKIPOV (FIU)	12
5	NORTHWESTERN	90643	MUH	2116	R7I	PROF.	ERROL	ROCKIPOV (FIU)	10
6	NORTHWESTERN	90627	SPC	2300	R7I	PROF.	KYLE	STEINFATT (FIU)	11
7	NORTHWESTERN	90625	SPC	2608	R7I	PROF.	KYLE	STEINFATT (FIU)	20
8	NORTHWESTERN	90652	SPN	1130	R7I	PROF.	HECTOR	GUTIERREZ	17
1	BOOKER T.	90671	AFH	2000	R7BB	DR.	ROBERT	MORRIS	20
2	BOOKER T.	90672	ENC	1101	R7BB	PROF.	ASHAWNTE	SMATHERS-WEST	21
1	H. GARDENS	90615	AMH	2041	R7GG	PROF.	NANCY	ABAY	52
2	H. GARDENS	90618	ENC	1101	R7GG	DR.	NERRY	LOUIS	33
3	H. GARDENS	90621	EUH	2021	R7GG	PROF.	NANCY	ABAY	7
4	H. GARDENS	90624	MUH	1011	R7GG	PROF.	LUIS	GOMEZ-IMBERT (FIU)	22
5	H. GARDENS	90557	PEM	2101	R7GG	PROF.	FRANCISCO	MILLAN	23

	School	#	Class	Code	Sec	PROF.	First	Last	Count
6	H. GARDENS	90558	SPC	2608	R7GG	DR.	JOANN	BROWN (FIU)	30
1	F. VARELA	90614	AMH	2041	R7J	PROF.	CARMEN	SANTIAGO	14
2	F. VARELA	90635	ART	1201C	R7J	PROF.	DAN	DAWES	9
3	F. VARELA	90634	ART	2300C	R7J	PROF.	DAN	DAWES	9
4	F. VARELA	90619	ENC	1101	R7J	PROF.	ROBERT	D'AMATO	10
5	F. VARELA	90640	POS	2042	R7J	DR.	ROBERT	VICHOT	8
6	F. VARELA	90664	SPN	2233	R7J	PROF.	RODOLFO	SANCHEZ	23
7	F. VARELA	90662	SPN	2340	R7J	PROF.	ESTHER	FERNANDEZ	74
8	F. VARELA	90663	SPN	2340	R7J1	PROF.	RODOLFO	SANCHEZ	12
1	MIAMI SENIOR	90611	EDF	1005	R7MM	PROF.	BARBARA	QUINAZ	46
2	MIAMI SENIOR	90612	EDF	2085	R7MM	PROF.	AURORA	COUZO	39
1	SOUTH MIAMI	90684	SPN	2340	R7SS	PROF.	PAMELA	LLORENS	103
1	TURNER TECH	90559	ENC	1101	R7TT	PROF.	MARISEL	VEGA	22
1	CORAL PARK	90567	ART	2750C	R7CC	PROF.	JANET	HERBERT	29
2	CORAL PARK	90646	EGN	1100	R7CC	DR.	EBRAHIM	SHIRAZINEDJAD	11
1	ROBERT MORGAN	90613	AMH	2041	R7RR	PROF.	REGINA	STUCK	30
1	PINECREST	90630	PSY	2012	R7PP	PROF.	YVETTE	PERDOMO	15
1	MAST	90649	EGN	1100	R7AA	PROF.	TIM	CUNNYNGHAM	14
1	NORTH MIAMI	90650	LAH	2020	R7G	PROF.	GLADYS	DE LA CRUZ	30
2	NORTH MIAMI	90631	PSY	2012	R7G	DR.	PAMELA	SMITH	27
1	JACKSON	90687	ENC	1101	R7L	PROF.	THERESA	DIAZ	118
2	JACKSON	90689	ENC	1102	R7L	PROF.	THERESA	DIAZ	42

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## EDUCATION

# More South Florida high schools get top marks

Like 8

Following a statewide pattern, the number of S. Florida high schools earning high marks from the state is up. Scores are based partly on FCATs.

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## BRINGING UP GRADES

Dade schools that improved their grades include:

Miami Southridge Senior High earned an A, up from a D in 2010 and F in 2009;

Miami Jackson improved to an A from a D in 2010 and F in 2009;

Miami Beach earned an A, up from a B;

North Miami Senior High went to a C from a D; and

Miami Northwestern rose to a B, up from a D in 2010 and F in 2009.

Broward schools rising to an A from a B include:

Miramar High School;

Everglades High School in Miramar; and

Coral Glades High School in Coral Springs.

BY LAURA ISENSEE AND LAURA FIGUEROA  
LISENSEE@MIAMIHERALD.COM

More Miami-Dade and Broward high schools have earned A and B grades from the state, and several struggling South Florida schools jumped a letter grade or more.

And for the first time, no Miami-Dade school received an F.

The South Florida report cards for 2010-11 follow a statewide trend of more high-performing schools and fewer failing schools, according to grades released Wednesday.

Case in point: Several years ago, Miami Southridge Senior High received a red-letter F and battled a reputation as being unsafe. Last year, the school earned an A, up from a D in 2010 and an F in 2009.

"A lot of the success at Southridge was taking a comprehensive approach," Principal David Moore said. The school asked teachers to give 100 percent, gave them support, and students joined

the effort. The school has upped the number of dual enrollment classes with Florida International University.

The state Department of Education issues each public school and school district a letter grade — from A to F — each year based on its Florida Comprehensive Assessment Test scores. The exams are given in reading, math, writing and science.

This marks the second year the state used a more complex grading system for high schools. In the past, the grades were based solely on how students did on the FCAT. For 2009-10, the state added graduation rates, SAT and ACT scores and enrollment in college-prep courses and dual enrollment to the formula. FCAT scores still make up half of the grade.

Principals, like Raymond Fontana at North Miami Beach Senior High, have zeroed in on those categories, putting extra attention on graduation rates and bringing in college professors to teach advanced classes.

State officials said the biggest boost in letter grades came from students taking accelerated college-prep courses, dual enrollment and industry certification exams. For example, last year, the number of students who passed industry certification exams more than doubled.

Overall, Miami-Dade County Public Schools saw 25 schools earn an A; 11 a B; and 12 a C. Three schools received a D. More than 70 percent of Dade high schools rank an A or a B, compared to 59 percent last

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MORE SCHOOLS

year. "We all woke up this morning to one of the coldest days thus far this year, but I assure Miami-Dade schools are red-hot today," said Superintendent Alberto Carvalho, flanked by about a dozen principals and School Board members.

Carvalho attributed the improvement to various factors: including extra Saturday classes; partnerships with FIU and nonprofits like City Year and Teach for America; constant data-crunching; and strong teachers and principals.

In Broward, 17 schools received an A; 12 a B; and seven a C. Boyd Anderson High School in Lauderdale Lakes was the only school to earn a D, and Parkway Academy, a charter school in Miramar, earned an F.

"These results show that we have not neglected the academic focus of our students and we continue to try to do what's in the best interest of the kids," said Broward Superintendent Robert Runcie.

Statewide, 78 percent of high schools earned an A or a B grade, up from 71 percent last year. The number of failing or F schools dropped to six schools from 11.

For some, the high marks will turn into dollars. Schools that receive an A or schools that improve at least one letter grade are eligible for extra funding, which statewide totals nearly \$130 million.

**More South Florida high schools get top marks**  
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**Man armed with knife**

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