



Item: AS: I-3

**COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS**

**Tuesday, April 16, 2013**

**SUBJECT: SPONSORED RESEARCH TRENDS AND HIGHLIGHTS**

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**PROPOSED COMMITTEE ACTION**

No action required. Information item.

**BACKGROUND INFORMATION**

See attached PowerPoint presentation.

**IMPLEMENTATION PLAN/DATE**

N/A

**FISCAL IMPLICATIONS**

N/A

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**Supporting Documentation:**

**Sponsored Research Trends and Highlights**

**Presented by: Dr. Barry Rosson, VP for Research**

**Phone: 561-297-0268**



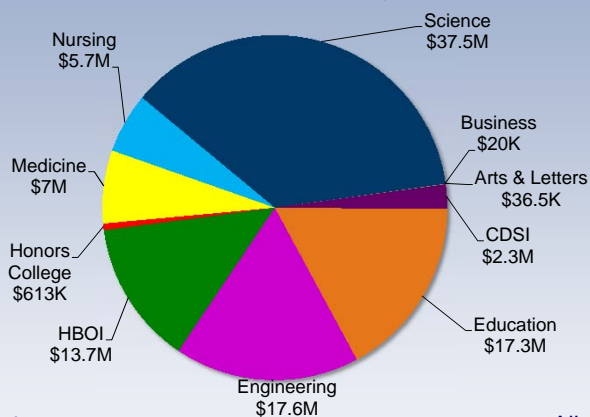
Florida Atlantic University  
Division of Research

Research Trends and Highlights  
April 2013

FLORIDA ATLANTIC UNIVERSITY

Proposal Submissions: 291

July 1, 2012 to April 2, 2013



Total Federal Awards  
FY 12-13 Pending  
\$77M

**Total \$107 M**

\*Other\* (\$5M) not shown

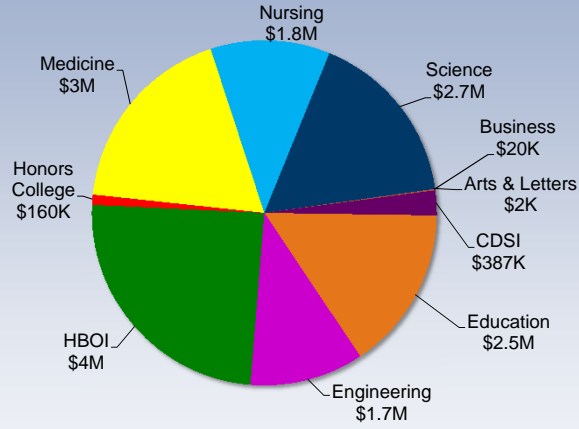
All Awards  
FY 12-13 Pending  
\$85.3M

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Awards Received: 199

July 1, 2012 to April 2, 2013



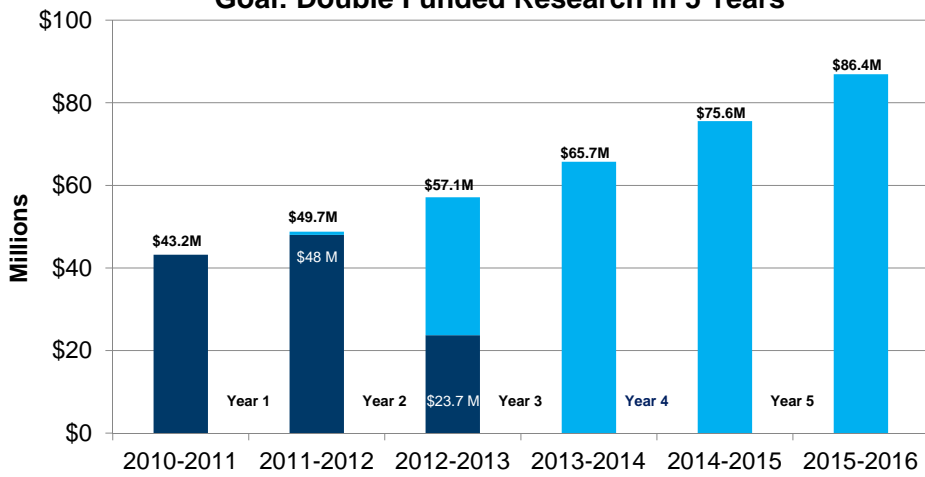
**Total \$23.7M**

\*Other\* (\$7M) not shown

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# FLORIDA ATLANTIC UNIVERSITY

Goal: Double Funded Research in 5 Years



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## Research Highlights

### Major New Awards (March 7, 2013 to April 2, 2013)

Amount	Funding Source	Project	Principal Investigator	College/Department
\$422,413	National Institutes of Health	Improve the care of older individuals who reside in nursing homes and reduce unnecessary Medicare expenditures.	Joseph Ouslander	Medicine/Clinical Sciences
\$202,425	U.S. Army Corps of Engineers	Provide estimates of the density of aquatic fauna in drying pools as they become available to wading birds and measure microhabitat that will be used in models to predict maximum prey densities during the dry season.	Dale Gawlik	Science/ Biological Science
\$199,803	National Science Foundation	Vertical integration of Raman spectroscopy experiments and experiences into the undergraduate chemistry curriculum that address key course-specific learning outcomes and more chemical concepts or "big ideas."	Evonne Rezler	Science/ Chemistry and Biochemistry
\$121,121	National Institutes of Health	Identify marine natural products that target the receptor for advanced glycation end products (RAGE) with the potential to be useful as chemotherapies against pancreatic cancer.	Esther Guzman	HBOI/Marine Biomedical

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## Research Highlights

(since March 7, 2013)

### Campus Visits

- Space Coast Energy Consortium Campus Visit and Presentation – March 29, 2013
- Florida Center for Environmental Studies: UK/Florida: Sea Level Rise Exchange – March 25 – 27, 2013

### Events and Roundtables

- Women's Leadership Forum: Women in Science, Technology, Engineering and Mathematics – March 15, 2013
- Obama-Singh 21st Century Knowledge Initiative Roundtable – March 27, 2013

### Upcoming Events

- Graduate Research Day – April 12, 2013
- Honors Convocation – April 16, 2013
- Sponsored Programs Recognition Reception – April 17, 2013
- Center of Excellence in Biomedical and Marine Biotechnology Symposium – April 26, 2013

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## Research Highlights

(since March 7, 2013)

### Internal Awards

- Researcher and Scholar of the Year Awards to be announced at Honors Convocation- April 22, 2013

### Sponsorships and Outreach

- Sponsor of the Academic Leadership Symposium – March 15, 2013
- Sponsor of the Palm Beach Strategic Forum – April 20, 2013
- Sponsor of TedxDelray Beach – May 3, 2013

### Research News

- Dr. Ken Dawson-Scully recently announced a spin-off company, Eco Neurologics, Inc., to develop drugs to treat epilepsy, migraines and stroke.
- Dr. Erika Hoff was recently appointed to the Language and Communication study section at the National Institutes of Health.
- Office of Technology Transfer expects to sign agreement with Loopback Analytics to integrate INTERACT materials into their platform of services.