



Item: AS: I-4

**COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS**

**Thursday, December 13, 2012**

**SUBJECT: 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:**

**Research Trends and Highlights**

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

**Phone: 561-297-0268**



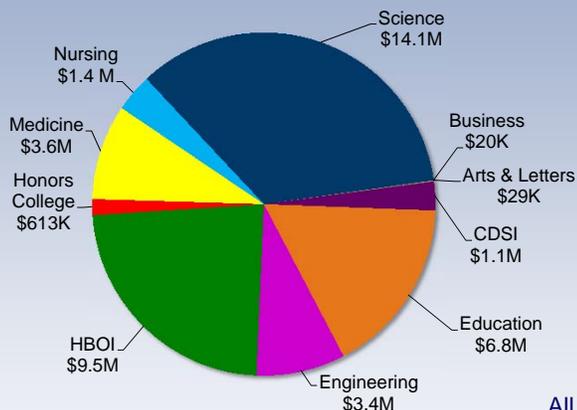
Florida Atlantic University  
Division of Research

Research Trends and Highlights  
December 2012

FLORIDA ATLANTIC UNIVERSITY

Proposal Submissions: 132

July 1, 2012 to November 26, 2012



Total Federal Awards Pending \$89.2M

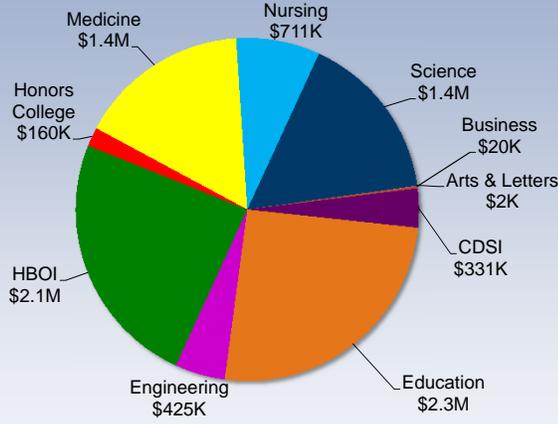
All Awards FY 12-13 Pending \$45M

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# FLORIDA ATLANTIC UNIVERSITY

Awards Received: 109

July 1, 2012 to November 26, 2012



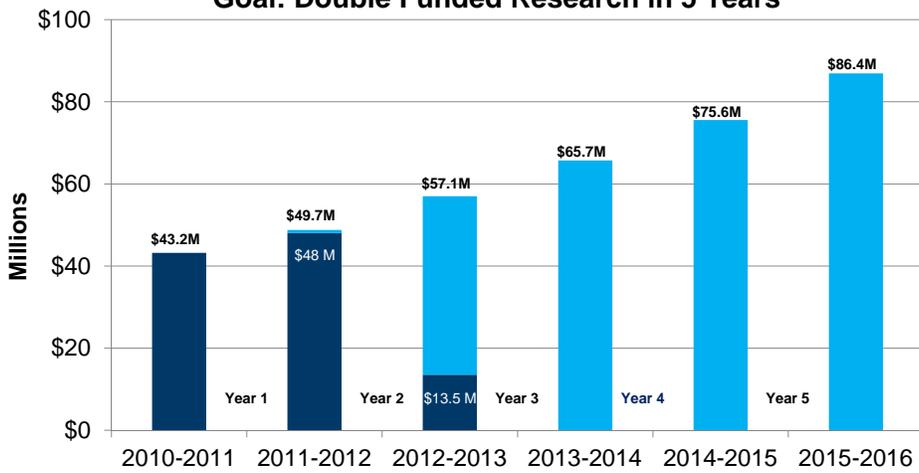
**Total \$13.5M**

\*Other\* (\$4.5M) 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

Amount	Funding Source	Project	Principal Investigator	College/Department
\$1,500,000	Florida Department of Education	Prepare test forms, collect and assess data for students with cognitive disabilities	Jeff Schilit	Division of Research
\$647,639	Florida Department of Education	Provide capacity building and support to teachers, administrators, parents and families of children with disabilities	Jeff Schilit	Division of Research
\$631,343	Palm Healthcare Foundation	Provide and evaluate a comprehensive program of family and community-centered diabetes education and care for children and adults who are at risk of diabetes	Kathleen Valentine	Nursing
\$330,281	National Science Foundation	Develop a vehicular networking testbed and the software tools needed to quickly develop and deploy protocols and applications on the testbed to help improve roadway safety	Imadeldin Mahgoub	Computer, Electrical Engineering and Computer Science
\$261,760	South Florida Water Management District	On-site maintenance and support services to the staff of the South Florida Water Management District	Loisa Kerwin	Environmental Studies
\$250,000	Palm Beach County School District	iTeach US History Partnership Years 2 & 3 Florida Teacher Quality Grants Program 2012-2014	Barbara Ridener	Education

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## Research Highlights

October 5, 2012 to November 28, 2012

### Initiatives to Stimulate Research

#### Workshops

- Graduate Student Fellowship Workshop (October 25)
- IRB Review of Research Involving Adults with Diminished Capacity to Consent (October 25)
- National Endowment for the Humanities Roundtable (November 26)

#### Campus Visits

- U.S. Housing and Urban Development to Explore External Funding Opportunities (October 17)
- U.S. Department of Education to Discuss the DOE's Recognizing Educational Success, Professional Excellence and Collaborative Teaching Initiative (October 23)

#### Internal Awards

- Division of Research Seed Grant Program – Applications Due November 30, 2012
- Faculty Mentor/Mentee Research Program – Applications Due January 11, 2013
- Researcher and Scholar of the Year Awards – Applications Due January 28, 2013

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## Research Highlights

### Notable Events

#### Sponsorships/Participation in Industry Events

- TEDx, Delray Beach
- MedUTech, Boca Raton
- 2012 World Stem Cell Summit, West Palm Beach
- The South Florida Tech Gateway, Fort Lauderdale
- Startup Weekend, Research Park

#### Media Highlights

- College of Medicine & Boca Raton Regional Hospital, Breast Cancer Research Collaboration
- FAU Developing Innovative Technologies to Address Challenges of Telemedicine & Home-healthcare
- FAU Networking Research to Help Improve Road Safety

#### Tech Transfer

- Interact Software

#### Upcoming Research Development Opportunities

- Veterans Affairs Funding Workshop
- Space Coast Energy Consortium Roundtable

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