COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS
Tuesday, April 16, 2013

SUBJECT: SPONSORED RESEARCH TRENDS AND HIGHLIGHTS

PROPOSED COMMITTEE ACTION
No action required. Information item.

BACKGROUND INFORMATION
See attached PowerPoint presentation.

IMPLEMENTATION PLAN/DATE
N/A

FISCAL IMPLICATIONS
N/A

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

Proposal Submissions: 291
July 1, 2012 to April 2, 2013

Total Federal Awards
FY 12-13 Pending
$77M

Science $37.5M
Business $20K
Arts & Letters $36.5K
CDSI $2.3M
Education $17.3M
Honors College $613K
Nursing $5.7M
HBOI $13.7M
Engineering $17.6M
Medicine $7M

Total $107 M
"Other" ($5M) not shown

Division of Research

Total $85.3M

All Awards
FY 12-13 Pending
Awards Received: 199

July 1, 2012 to April 2, 2013

Total $23.7M

"Other" ($7M) not shown

Division of Research

Goal: Double Funded Research in 5 Years
**Major New Awards** *(March 7, 2013 to April 2, 2013)*

<table>
<thead>
<tr>
<th>Amount</th>
<th>Funding Source</th>
<th>Project</th>
<th>Principal Investigator</th>
<th>College/Department</th>
</tr>
</thead>
<tbody>
<tr>
<td>$422,413</td>
<td>National Institutes of Health</td>
<td>Improve the care of older individuals who reside in nursing homes and reduce unnecessary Medicare expenditures.</td>
<td>Joseph Ouslander</td>
<td>Medicine/Clinical Sciences</td>
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<td>$202,425</td>
<td>U.S. Army Corps of Engineers</td>
<td>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.</td>
<td>Dale Gawlik</td>
<td>Science/Biological Science</td>
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<td>$199,803</td>
<td>National Science Foundation</td>
<td>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 &quot;big ideas.&quot;</td>
<td>Evonne Rezler</td>
<td>Science/Chemistry and Biochemistry</td>
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<tr>
<td>$121,121</td>
<td>National Institutes of Health</td>
<td>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.</td>
<td>Esther Guzman</td>
<td>HBOI/Marine Biomedical</td>
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**Campus Visits** *(since March 7, 2013)*

- Space Coast Energy Consortium Campus Visit and Presentation – March 29, 2013

**Events and Roundtables**

- 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
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.