COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS
Thursday, December 13, 2012

SUBJECT: 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: 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

Proposal Submissions: 132
July 1, 2012 to November 26, 2012

Total Federal Awards Pending $89.2M

Division of Research

Florida Atlantic University

All Awards FY 12-13 Pending $45M

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Division of Research
Awards Received: 109
July 1, 2012 to November 26, 2012

Total $13.5M
"Other" ($4.5M) not shown

Divison of Research

Goal: Double Funded Research in 5 Years

Division of Research
<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>$1,500,000</td>
<td>Florida Department of Education</td>
<td>Prepare test forms, collect and assess data for students with cognitive disabilities</td>
<td>Jeff Schilit</td>
<td>Division of Research</td>
</tr>
<tr>
<td>$647,639</td>
<td>Florida Department of Education</td>
<td>Provide capacity building and support to teachers, administrators, parents and families of children with disabilities</td>
<td>Jeff Schilit</td>
<td>Division of Research</td>
</tr>
<tr>
<td>$631,343</td>
<td>Palm Healthcare Foundation</td>
<td>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</td>
<td>Kathleen Valentine</td>
<td>Nursing</td>
</tr>
<tr>
<td>$330,281</td>
<td>National Science Foundation</td>
<td>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</td>
<td>Imadeldin Mahgoub</td>
<td>Computer, Electrical Engineering and Computer Science</td>
</tr>
<tr>
<td>$261,760</td>
<td>South Florida Water Management District</td>
<td>On-site maintenance and support services to the staff of the South Florida Water Management District</td>
<td>Loisa Kerwin</td>
<td>Environmental Studies</td>
</tr>
<tr>
<td>$250,000</td>
<td>Palm Beach County School District</td>
<td>iTeach US History Partnership Years 2 &amp; 3 Florida Teacher Quality Grants Program 2012-2014</td>
<td>Barbara Ridener</td>
<td>Education</td>
</tr>
</tbody>
</table>

Initiatives to Stimulate Research

October 5, 2012 to November 28, 2012

- **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
Research Highlights

Notable Events
Sponsorships/Participation in Industry Events
• TEDx, Delray Beach
• MedU Tech, 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

Division of Research