



Item: AS: I-2

**COMMITTEE ON ACADEMIC AND STUDENT AFFAIRS**

Wednesday, December 14, 2011

**SUBJECT: SPONSORED RESEARCH TRENDS AND HIGHLIGHTS AND  
COMMUNITY ENGAGEMENT UPDATE**

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**PROPOSED COMMITTEE ACTION**

No action required. Information item.

**BACKGROUND INFORMATION**

Sponsored research funding has increased appreciably over the last four years, up 28 percent from fiscal year 2008 to fiscal year 2011, despite a 7 percent reduction in the number of tenured and tenure track faculty. During this time period, the dollar amount of sponsored research per faculty member rose dramatically, by 46 percent. The Division of Research implemented several new initiatives this year to stimulate research, including seed grant and mentoring programs, research priority funding and sponsoring various seminars, lectures, conferences and workshops.

FAU has shown its strong commitment to the communities it serves by creating an Office of Community Engagement and hiring a vice president to direct that office. The University is well-represented in South Florida through partnerships and various outreach efforts. Alliances are being strengthened with economic development agencies, research organizations and other universities.

**IMPLEMENTATION PLAN/DATE**

N/A

**FISCAL IMPLICATIONS**

N/A

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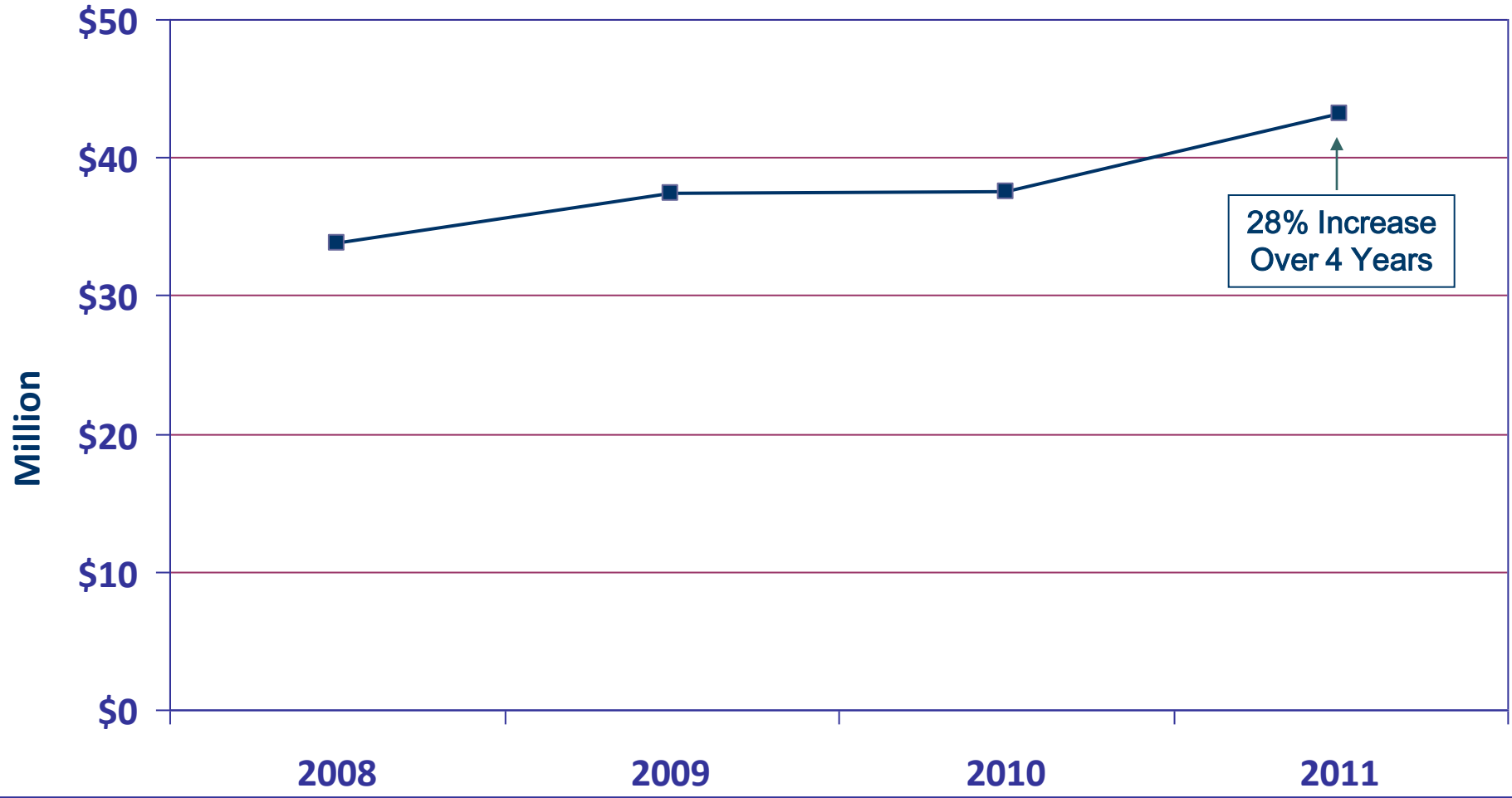


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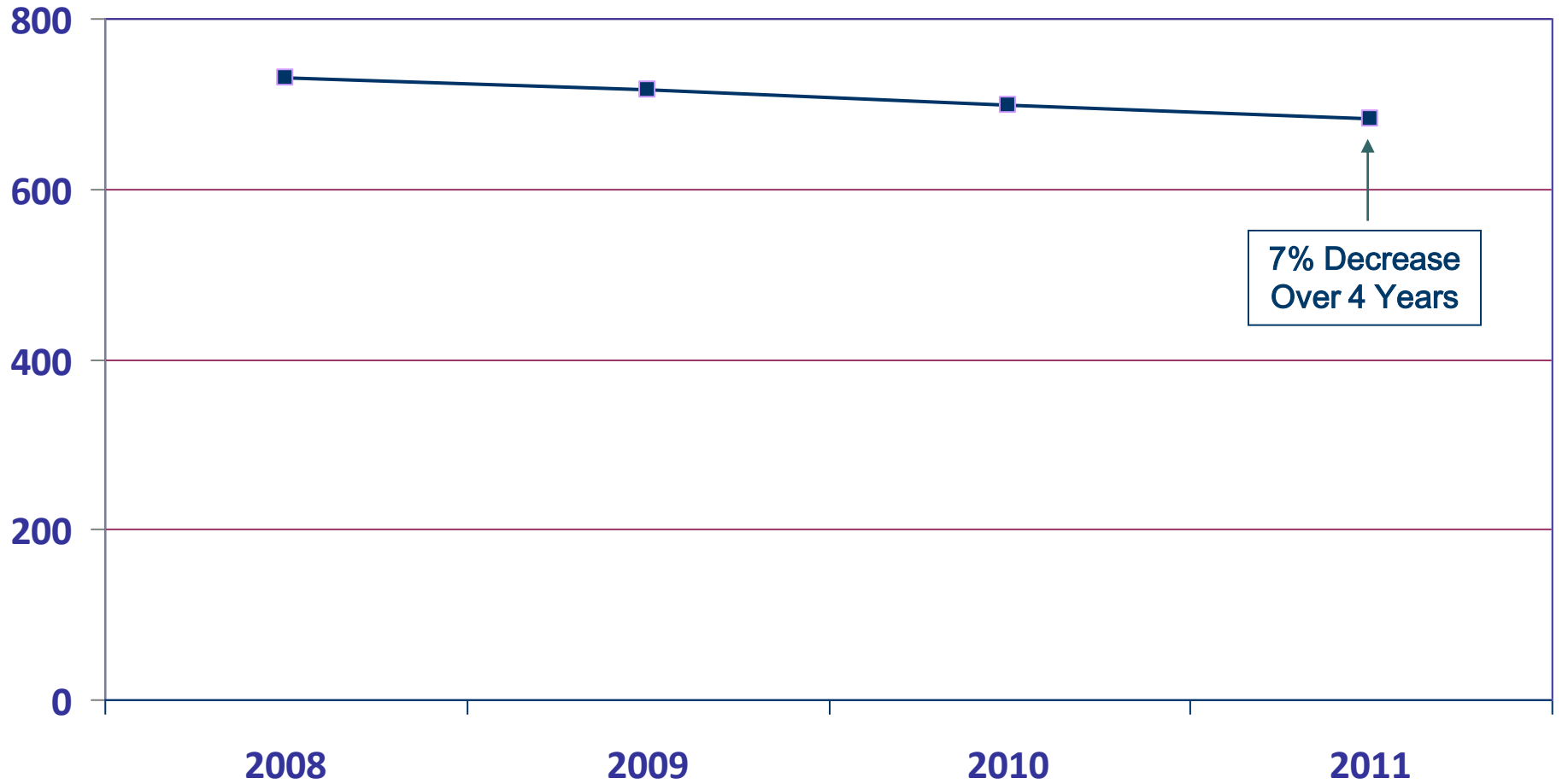
**Sponsored Research Trends and Highlights**

**December 14, 2011**

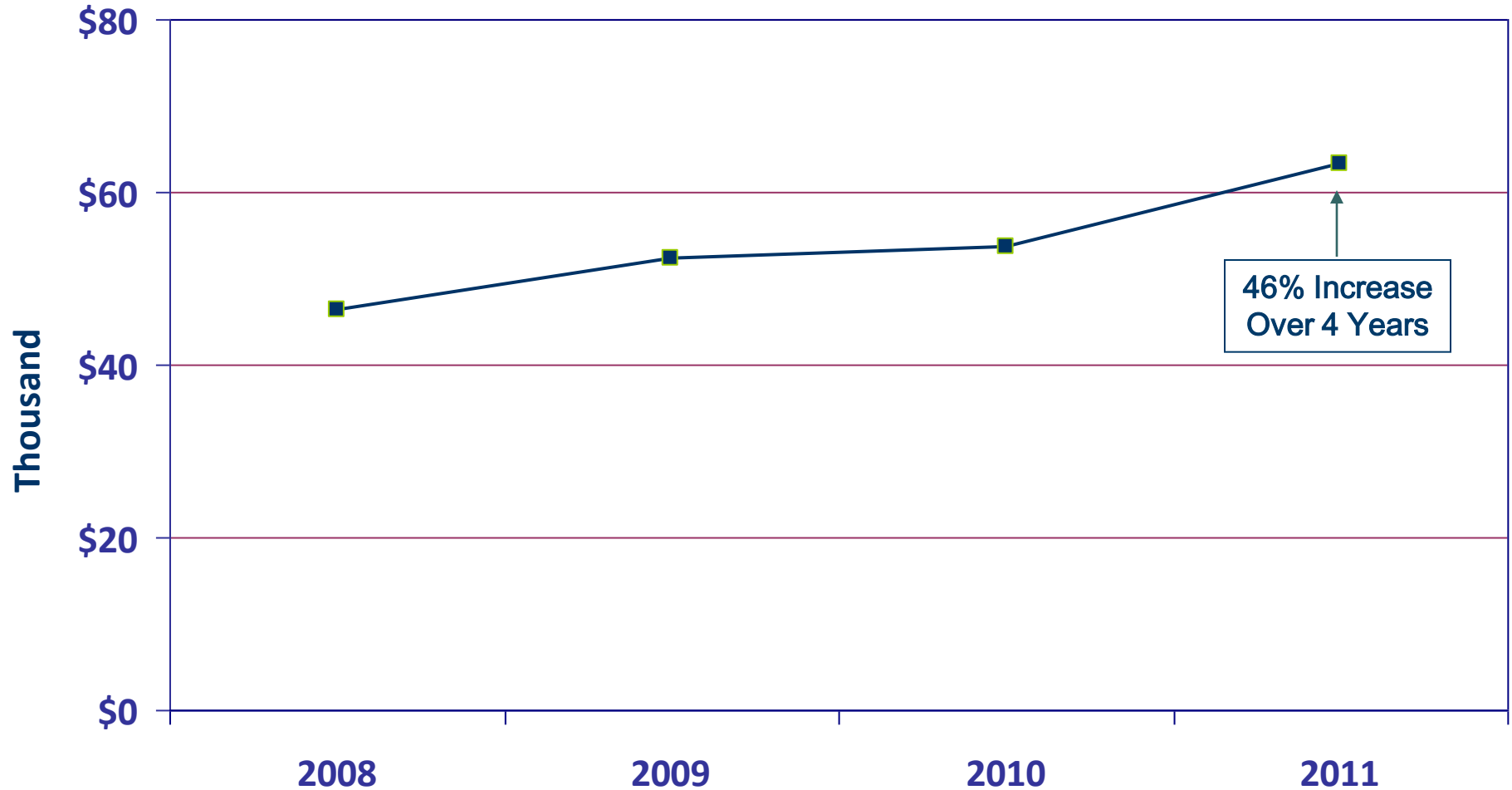
### Sponsored Research Funding



### Tenured & Tenure Track Faculty Members



## Sponsored Research Funding Per Faculty Member



# Research Highlights

## Major New Awards

Amount	Funding Source	Project	Principal Investigator
\$2.0M	Office of Naval Research	HBOI Underwater Laser Imaging and Communications Research – Phase I	Fraser Dalgleish
\$3.2M	National Institutes of Health	Early Dual Language Development in Children from Spanish-Speaking Families	Erika Hoff
\$4.6M	National Oceanic and Atmospheric Administration	The Cooperative Institute for Ocean Exploration, Research and Technology	Shirley Pomponi
\$1.3M	Florida Department of Education	Race to the Top	Jeffrey Schilit
\$2.0M	US Department of Energy	Center for Ocean Engineering	Sue Skemp
\$2.7M	US Department of Education	National Center for Education Research	Linda Webb

## Research Highlights

### Initiatives to Stimulate Research

- **Division of Research**
  - Faculty Research Seed Grant Program
  - Faculty Mentor/Mentee Program
  - Research Priority Areas
- SUS New Florida Initiatives (FAU received 4 awards totaling \$790,000)
  - State University Research Commercialization Assistance Grant Program (SURCAG)
    - \$65,000 – Megan Davis – Culture Queen Conch Pearls
  - Clustering Grant Program
    - \$300,000 – Rodney Murphey – Neuroscience Cluster (with Max Planck)
    - \$175,000 – Leonard Berry – SUS Climate Change Task Force (with UF and FSU)
  - Scholars Boost Grants Program
    - \$250,000 – Javad Hashemi – Department of Ocean and Mechanical Engineering

# Research Highlights

## Notable Events

- February 2011 -- Visit by Dr. Arlene Garrison, Oak Ridge Associated Universities
- April 2011 -- Faculty Recognition Reception 2010 New Project Awards
- May 2011 -- EDC BioTech Conference: Growing South Florida's Life Sciences Cluster
- June 2011 -- NIH Regional Seminar: Program Funding and Grants Administration
- August 2011 -- BioFlorida, Southeast Florida Chapter
- September 2011 -- Visit by Rear Adm. Neil Morisetti, UK Climate & Energy Security Envoy
- October 2011 – Vaccine Gene Therapy Institute / FAU Symposium
- January 2012 -- NSF Day Workshop at UCF



# Research Highlights

## Workshops to Foster Sponsored Research

- August 2011 -- FAU Science, Technology, Engineering and Math Initiative  
(Topic leaders: Drs. Terry Watson & Tammy Ferguson, FAU HS & Dr. Julie Servoss, CoMed)
- September 2011 -- Integrative Graduate Education and Research Traineeship Program in System's Biology  
(Topic leaders: Dr. Ramaswamy Narayanan, CoSci & Dr. John Schatzle, VGTI)
- September, October 2011 -- How to Get NSF Funding: A View from the Inside  
(Topic leader: Dr. Clay Cook, HBOI)
- October 2011 -- Healthy Aging Research Initiative  
(Topic leaders: Dr. Joseph Ouslander, CoMed & Dr. Ruth Tappen, CoNursing)
- November 2011 to March 2012 – Research Administration Training Modules  
(Topic leaders: JoAnn Moretti, Nancy Thoman & James Wilkie, DoR)



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**Community Engagement Update**

## Community Engagement Update

- Appointed Dr. Jennifer O'Flannery Anderson as Vice President for Community Engagement
- Established Office of Community Engagement
- Posted *Community Engagement and Economic Development Report* to the Division of Research Home Page

## Community Engagement Update

- Charter Member of LifeTech Corridor
- Charter Member of MedUTech
- MobileHelp Joined the Research Park at FAU
- New Members Appointed to Technology Review & Advisory Committee
- Economic and Scientific Partnerships in St. Lucie County

## Community Engagement Update

- Centralized Internship Portal
- President Saunders' Meetings
- Stadium Suite Visits
- Capitol Hill Visits
- Florida Legislative Testimony
- Planning for Collaborative Research with Brazilian Universities