



Item: AS-I-3

Academic and Student Affairs Committee

Tuesday, August 22, 2018

SUBJECT: REPORT ON RESEARCH

PROPOSED COMMITTEE ACTION

No action is necessary. This item is only informational.

BACKGROUND INFORMATION

Dr. Daniel Flynn, Vice President for Research, will give a general update on the Division of Research.

IMPLEMENTATION PLAN/DATE

Not Applicable

FISCAL IMPLICATIONS

Not Applicable

Supporting Documentation:

Update on Research - presentation

Submitted by:

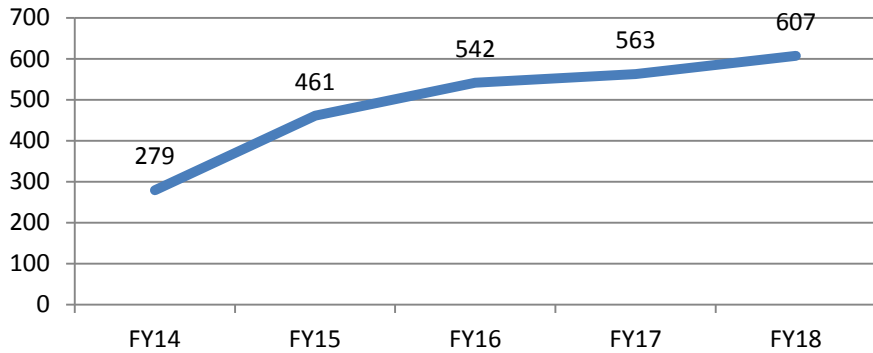
Dr. Daniel Flynn, Vice President for Research

FY18 Research Activity Report

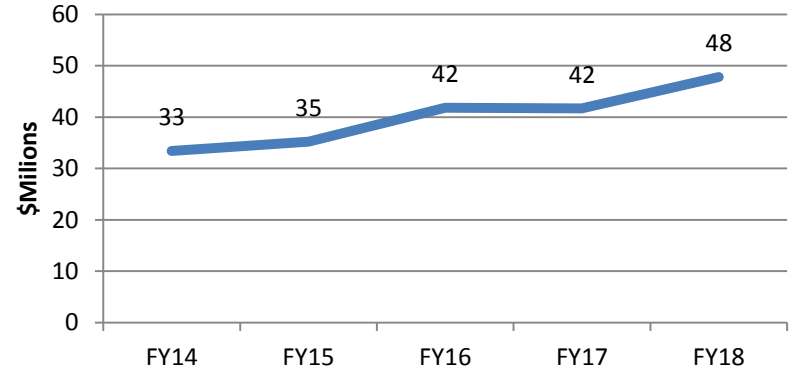
Division of Research

Research Grant Activity

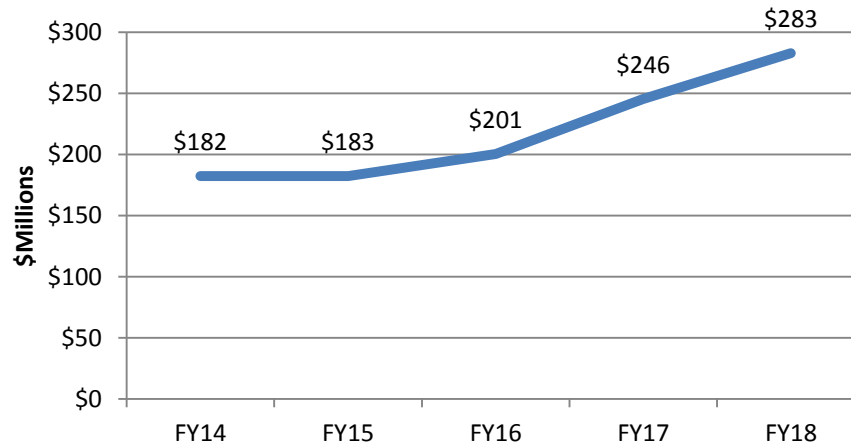
Applications Submitted



Research Awards

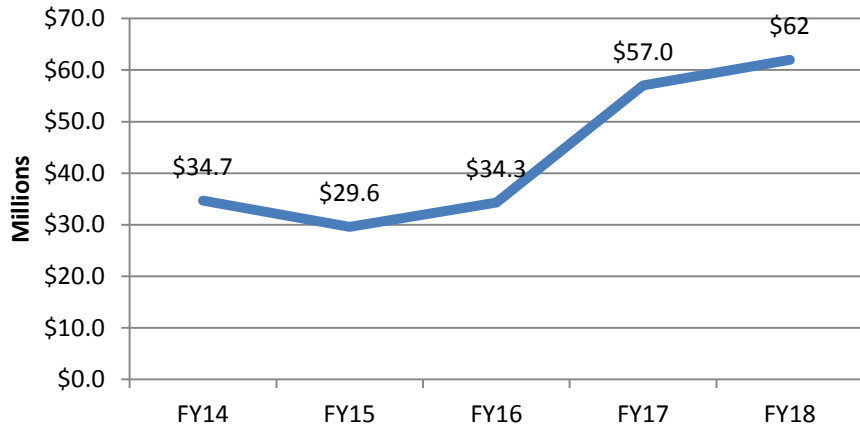


Grants Dollars Requested

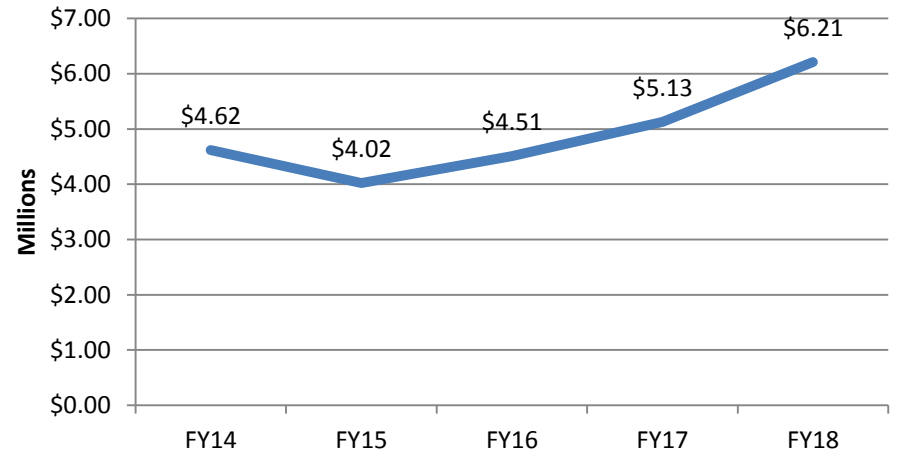


Research Expenditures

Research Expenditures

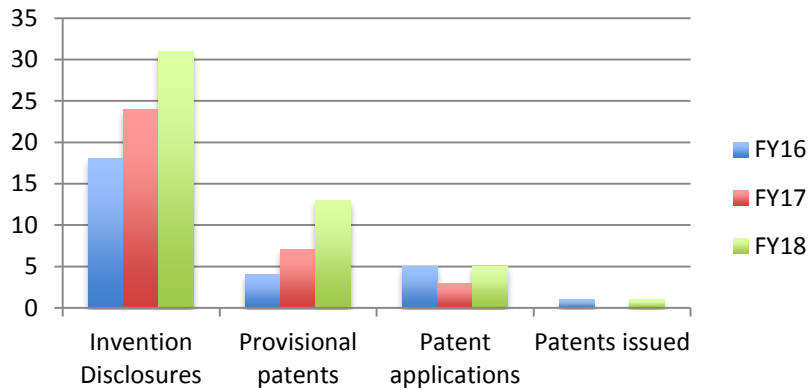


F&A Collected

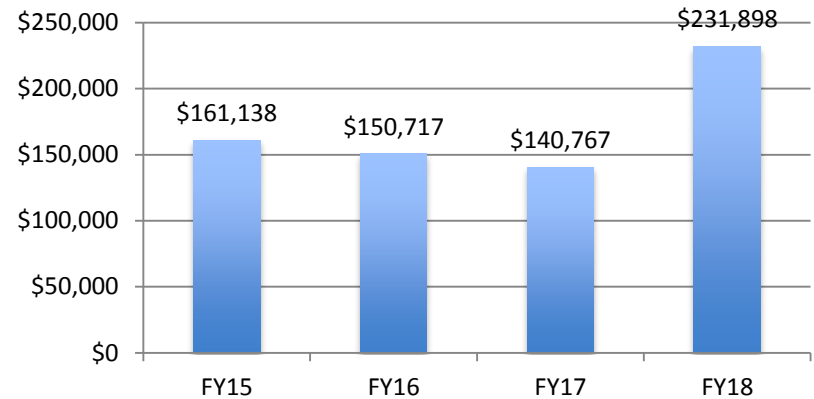


Intellectual Property

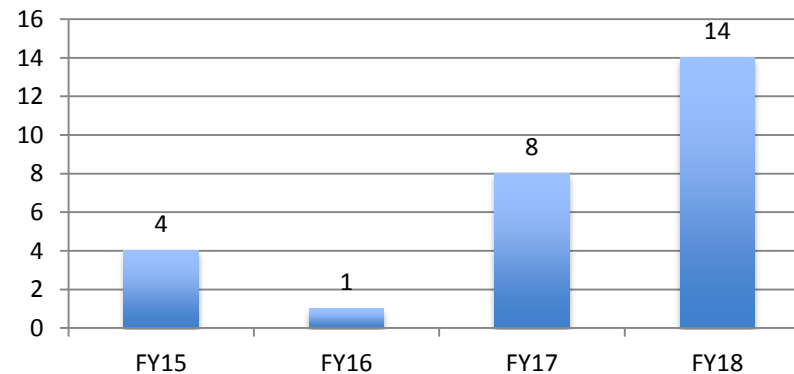
Faculty IP activity



Royalty Revenue



FAU-Derived Startup Companies



Notable Achievements

- University Transportation Center - \$10M/5yr
- SBDC (\$1.2M/yr)
- I-CORP grant (\$300k)
- 2 patents issued
- Signature Programs on each campus
 - Davie – Transportation, Water Management
 - Jupiter – Neuroscience, Chemical biology
 - HBOI – Marine Science, Ocean Engineering
 - Sea Tech – Ocean Engineering
 - Boca – BioMedical, Sensor Systems/AI

FY19 Initiatives

- Advance Pillar Hiring
- Advance the Florida-Israel Institute mission
- Hospital partnership, clinical trials
- Classified Research
 - SCIF at HBOI
 - DARPA project - \$6.8M (budget in negotiation)
 - Navy/Raytheon DD254, DART
 - AUTECH, Bechtel Industries
 - FOERC, SUS partners
- Federal Lobbying
 - Mesonet, non-acoustic detection, SNMREC, Aquaculture
- Goals: Applications over 620; Awards >\$50M; Expenditures nearing \$70M; F&A over \$7M

FY19 Initiatives

- Goals
 - Invention Disclosures up to 40,
 - Provisional Patents to 15-20
 - Determine # of ‘Copyrights’ on campus and value
 - FAU-derived startups >15
- Startup companies
 - One possibly significant startup company planned
 - Equity stake in company – Water Sensors