



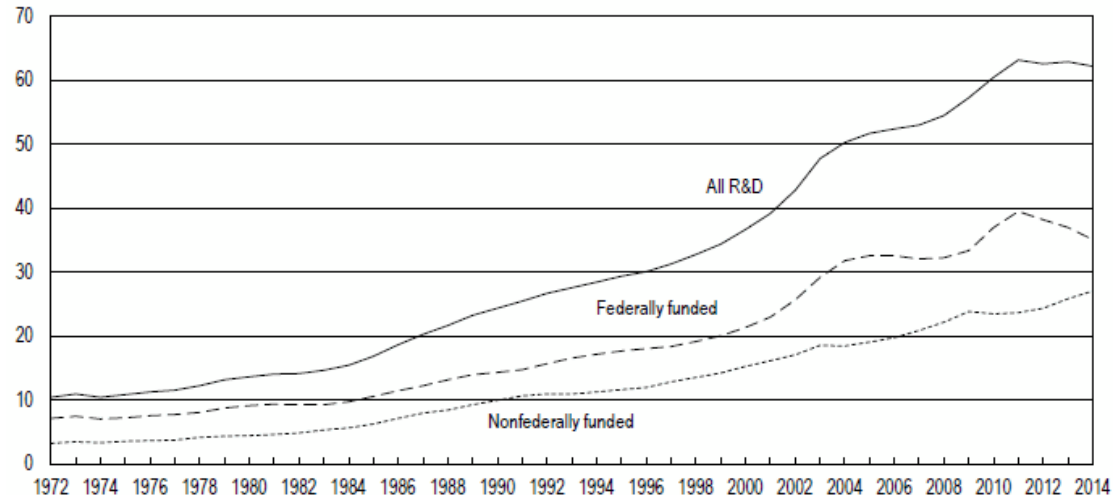
Office of Research Grants, and Sponsored Programs (OSP) FY16 – ANNUAL REPORT

KSU Year in Review FY16

In the latest reports from the National Science Foundation, nationally reports of federal funding for higher education indicates that “research and development funds declined by 5.1% between FY 2013 and FY 2014 and has fallen over 11% since its peak in FY 2011 (figure 1).¹ Kentucky State University however, has defied this trend and in the 2014 Higher Education Research and Development (HERD) Survey reported a KSU increase by seven (7) positions from the previous year position of 383. Currently ranked at 376, KSU also saw overall two percent increase in the amount of research expenditures reported. Among HBCUs KSU ranked 31st among 50 reporting institutions.

FIGURE 1. Higher education R&D expenditures, by source of funds: FYs 1972–2014

Billions of constant 2009 dollars



SOURCE: National Science Foundation, National Center for Science and Engineering Statistics, Higher Education Research and Development Survey.

Comparisons and performance indicators for research and development at KSU

- Ranked 4th of the 8 schools reporting from the Commonwealth, reporting \$5,694,000 in expenditures
- One of only two schools who reported a positive percentage of increase from 2013 to 2014, (KSU 2%, NKU 13%)
- Over a 5-year period KSU has an average of 7% increase in research expenditures
- KSU is the only reporting institution in the Commonwealth that data indicates a positive percentage of change when comparing 2010 to 2014, calculated at 16%
- KSU ranked 17th among 1890 Land Grant Institutions in 2013, however 2014 saw KSU climb to 14th

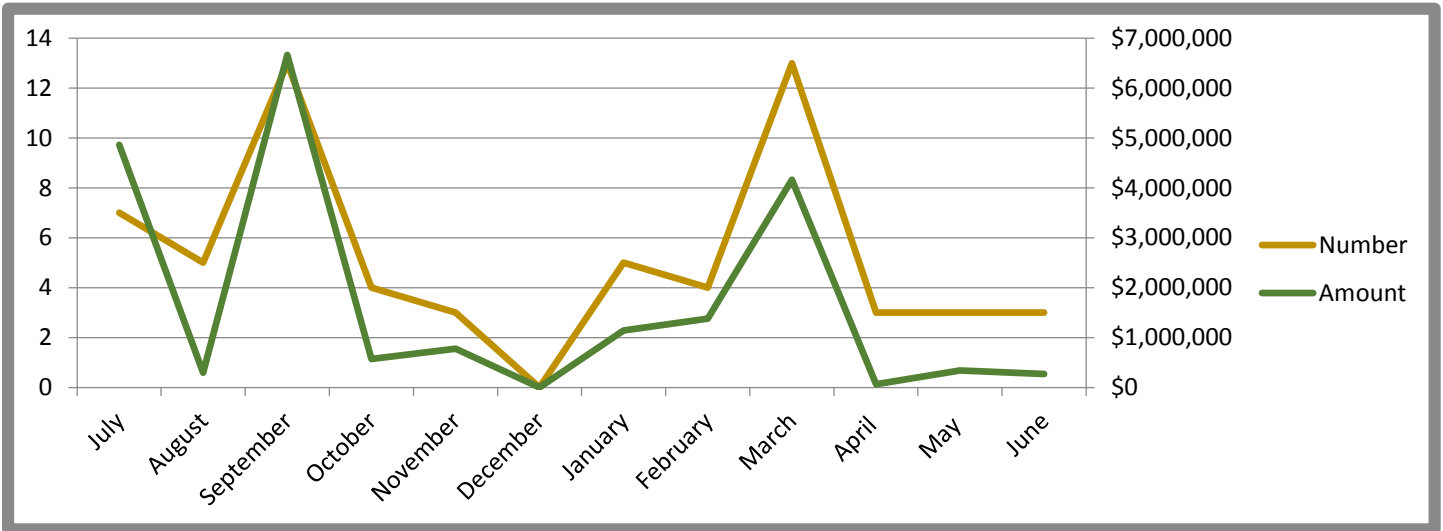
Table 1. Higher education R&D expenditures, ranked by FY 2014 R&D expenditures: FYs 2010–14							% of change FY13-14
State Institutions of Kentucky		2010	2011	2012	2013	2014	
68	U. Kentucky	359,944	372,932	360,776	339,764	328,239	-3%
107	U. Louisville	189,090	197,438	196,842	186,772	183,376	-2%
335	Western Kentucky U.	9,943	8,344	10,639	9,322	8,280	-11%
376	Kentucky State U.	4,912	4,562	6,859	5,605	5,694	2%
490	Eastern Kentucky U.	3,531	3,782	3,404	2,845	2,221	-22%
506	Murray State U.	3,396	3,718	3,345	2,192	2,080	-5%
507	Northern Kentucky U.	2,316	2,397	2,201	1,810	2,052	13%
519	Morehead State U.	2,145	2,018	2,174	2,631	1,892	-28%

FY16 Grant Submission Overview

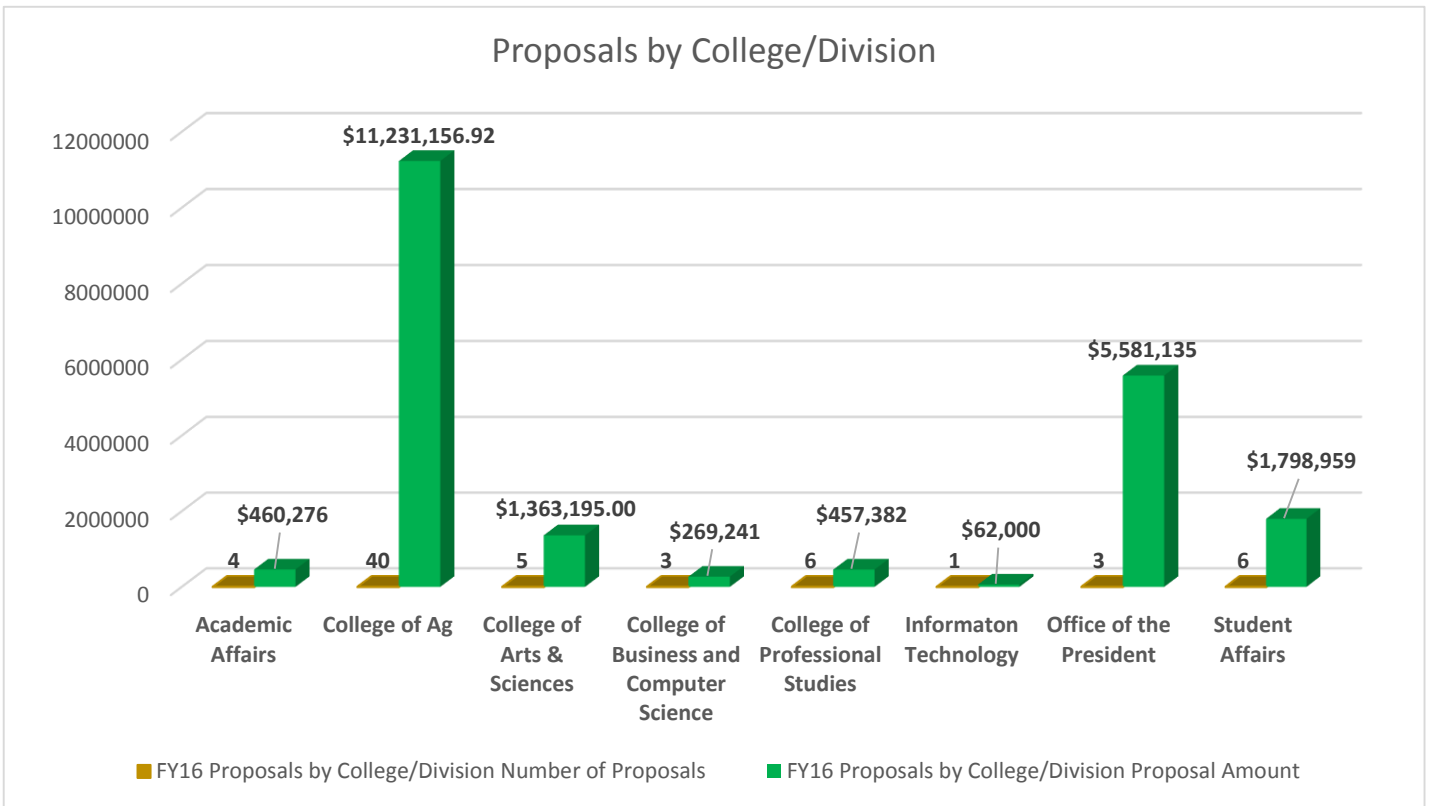
During FY16 a total of 68 proposals were submitted, with a requested total budgeted amount of \$21,223,345. The average amount of a proposal submitted in FY16 was \$307,741, and a monthly overall average of \$1,711,486. Forty-five percent of the proposals submitted by KSU were classified as “research”, 25% as “public service”, and 10% as “student services”. Agriculture and Natural Resources accounted for 20% of the total amount requested in FY 16, while Aquaculture tallied 16.8%, Student Support Services 8%, Mathematics and Physics 6.4%, Land Grant & Extension 5.7%, and Environmental Studies & Sustainable Systems 5.2%.

The University requested at total of \$915,646 in indirect costs (IDC) for administrative costs associated with grants and contracts. Based on 45 proposals that allow IDC the average amount per proposal totaled \$20,347.

Monthly trends in proposal submissions and amount requested

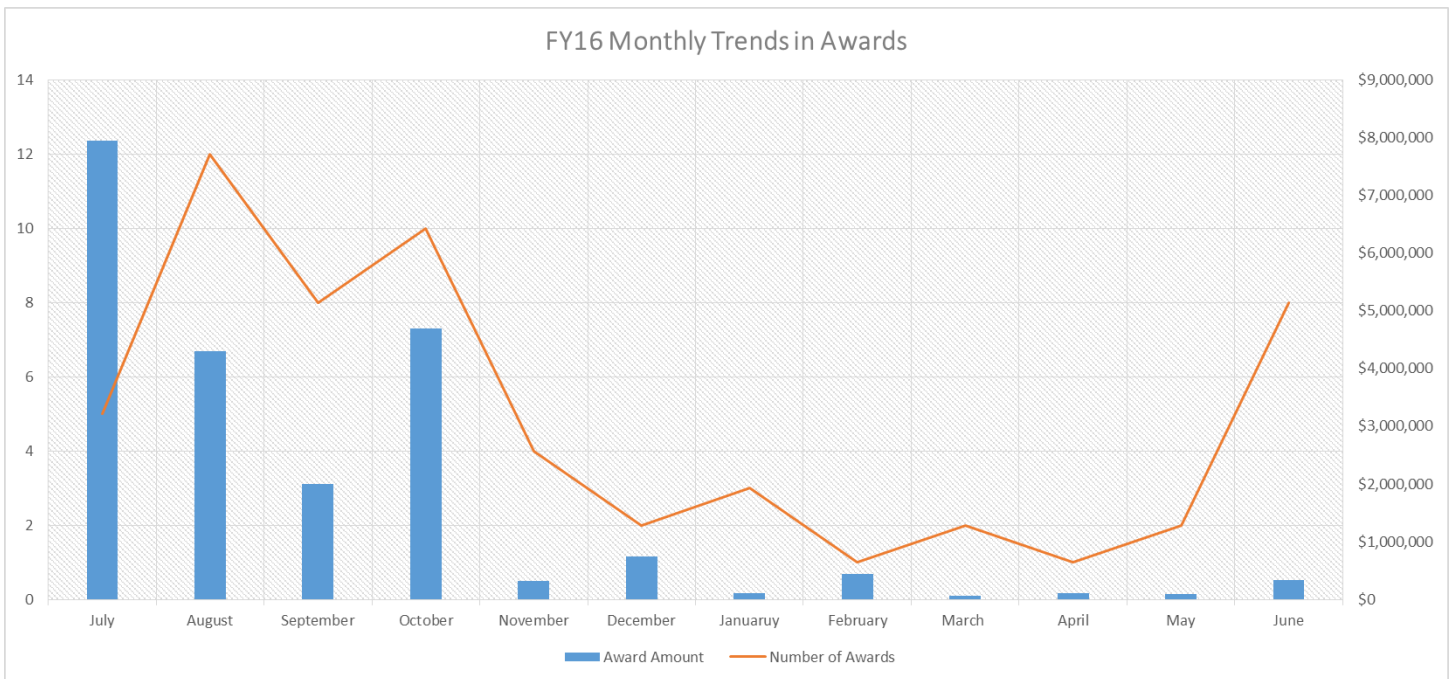


Proposals by College/Division

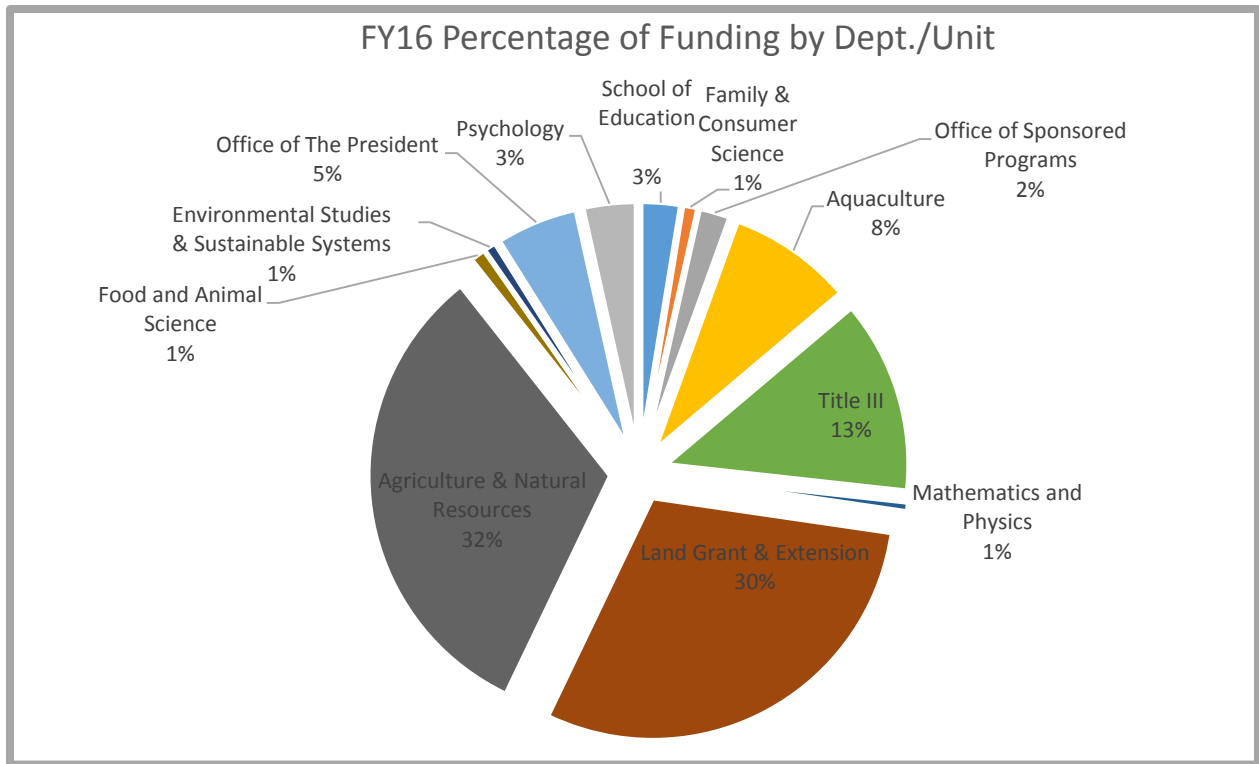


FY16 Grants Awards Review

In 58 new awards were received and activated through the OSP which total \$21,152,629. The average award totaled \$364,700. The College of Agriculture accounted for 72% of all awards in FY16 at \$15,281,684, followed by the Office of the President at 18%, the College of Arts & Sciences at 5%, and the College of Professional Students at 3%.




Total amount of indirect costs (IDC) allocated for FY16 was \$337,465. Forty-four allowed IDC charges and averaged \$7,669 per award. The average rate of 12% and ranged from an allowed 8% to the HHS approved IDC for KSU of 52.7%.



Agencies engaged by KSU continued to show diversification consisting of federal, state, universities, and corporate foundations. The US Department of Agriculture and the various directorates (APHIS, NIFA, NRCS, etc.) accounted for 73% of all grant awarded at \$15,512,784. The US Department of Education ranked second and accounted for 11% at \$2,356,510, while the Department of Justice (\$728,615), Health and Human Services (\$666,065), and the Commonwealth of Kentucky (\$660,683) tied for third.

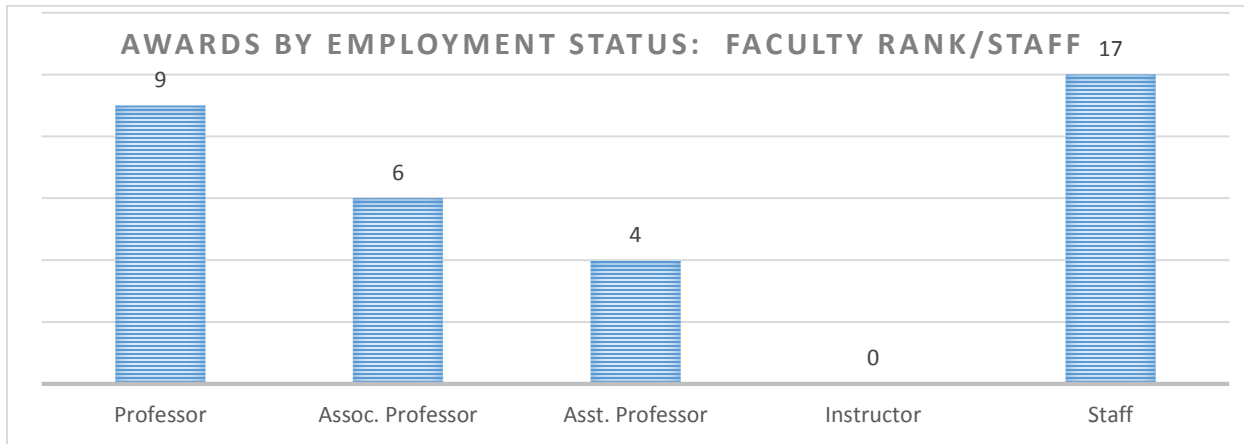
Outlook for FY17

 Community of Science (COS) is a web-based tool for locating and securing research funding. Pivot™ answers the growing demands on research developers to quickly discover the right funding opportunities and effectively collaborate with their colleagues. Pivot empowers researchers around the world with tools that they need at various stages of their research lifecycle. Pivot is intuitive and easy to use. It is designed for a researcher – anyone from corporate to academia (faculty, staff researchers, and graduate students) can benefit from using it.



As reflected in the chart below and based on an estimated 129, roughly 15% of KSU faculty received grant awards at PI in FY16. Pivot will also use us to increase the awareness of grant opportunities, formulate teams based on interest and expertise, and build capacity in the development of competitive applications.

Training tools such as the Collaborative Institutional Training Initiative (CITI) Program allow KSU to ensure all university stakeholders have a nationally recognized model of training for human subjects' research (HSR), biosafety/biohazard mitigation, and animal care and usage (IACUC).



As the university moves forward with the design of its strategic plan and directives for growth and innovation in types of research engagement by faculty and students, the Office of Sponsored Programs (OSP) is poised to contribute to the anticipated growth in this area by conducting the following activities:

1. Assessing the research/outreach interest of the colleges/divisions through regular meetings with Deans and Chairs,
2. Facilitating grants workshops with successful KSU grantees, agency representatives, and external collaborators, and
3. Promoting junior faculty mentoring in research and grantsmanship by full professors.