



Office of Research Grants, and Sponsored Programs (OSP) FY17 – ANNUAL REPORT

KSU Year in Review FY17



The Kentucky State University Office of Research, Grants, and Sponsored Programs has been able to utilize the training modules provided by the Collaborative Institutional Training Initiative, otherwise known as the CITI program to provide professional training and certification in IRB (International Review Board) a course of the training that has served over 50 members of the university. Additionally, the CITI Program also includes the Social and Behavioral Responsible Conduct of Research course of the training which has been completed by 25 members of the university and the COI's (Conflict of Interests) course, completed by 15 individuals. These series of trainings are available to members of the faculty, staff and student body.

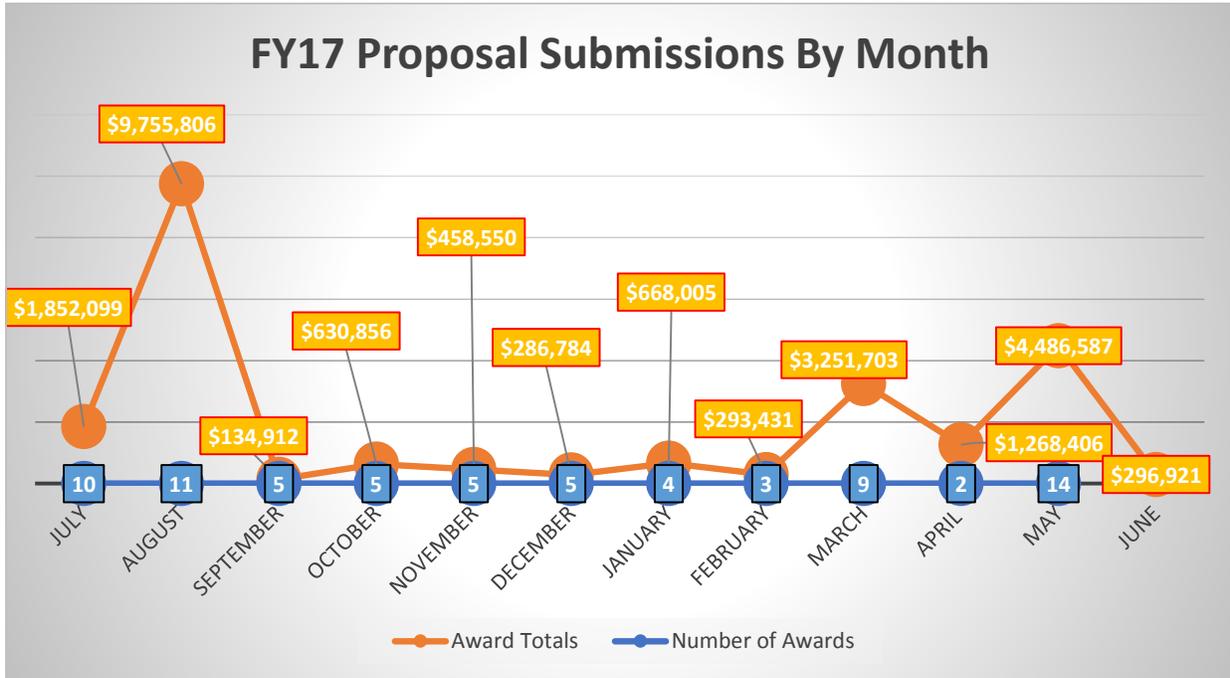
FY17 Grant Submission Overview

During FY17, a total of 83 proposals were submitted, with a requested total budgeted amount of \$23,725,327. The average amount of a proposal submitted in FY17 was \$289,333, and a monthly average of \$1,694,666. Sixty percent of the proposals submitted by KSU were classified as “research”, 25% as “public service”, and 11% as “student services”. The College of Ag. Accounted for 61% of the total amount requested in FY 17, while the office of the president accounted for 13%, College of Professional Studies 11%, and the Colleges of Arts and Sciences/Academic Affairs combined to make up the final 15%.

The university requested at total of \$1,301,022 in indirect costs (IDC) for administrative costs associated with grants and contracts. Based on 33 proposals that allow IDC the average amount per proposal totaled \$37,080, and the average requested IDC rate 42.05%.

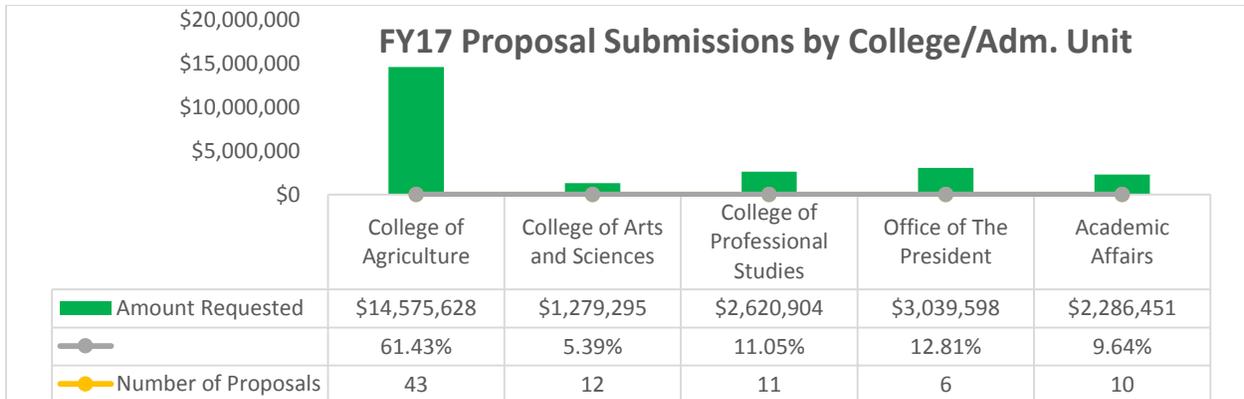
In the FY16 Kentucky State University had a total amount requested of \$21,223,345. Thus, there was a \$2M increase in this year compared to last year.

Monthly Trends in Proposal Submissions and Amount Requested



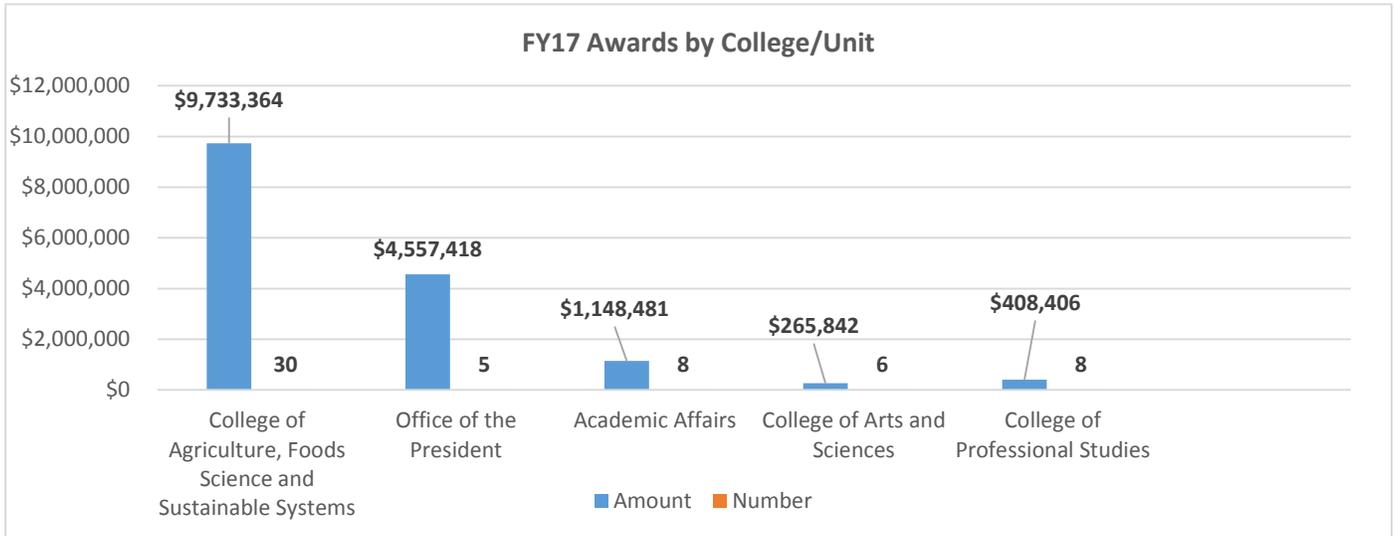
Proposal Submissions by College/Unit

In terms of proposal submissions by college, every unit featured on the chart below saw an increase including the College of Ag. Which moved up to 43 proposals submitted. Academic Affairs submitted 4 proposals last year, which more than doubled to 10 in FY17. The College of Professional Studies went from 6 to 11, Arts and Sciences from 5 to 12, and the office of the president grew from 3 to 6. This shows that the faculty and staff members of the university are taking grant writing and proposal submissions more seriously and will play a major role in funding opportunities going forward.



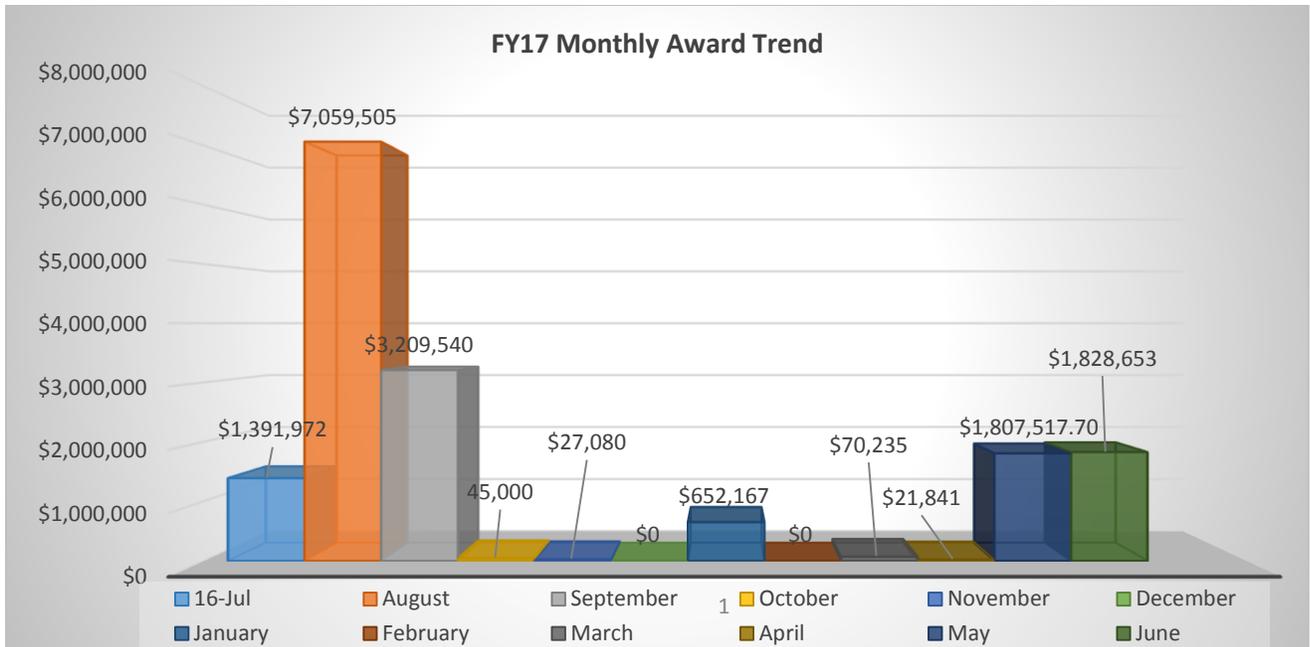
FY17 OSP Awards Review

In FY17, 58 new awards were received and activated through the OSP totaling \$16,113,511. The average awarded amount was \$277,819. The College of Agriculture accounted for 60% of all awards in FY16 at \$15,281,684, followed by the Office of the President at 28%, Academic Affairs at 7%, the College of Professional Studies at 3%, and the College of Arts & Sciences at 2%.



Monthly Trends in Awards

Monthly trends in the FY2017 awards varied. In August, which was our most financially productive month, 13 new awards were received and activated through the Office of Sponsored Programs. Those awards totaled over 7 Million dollars. In the following month (September), seven awards were received totaling 3.2 Million dollars. Subsequent monthly trends can be viewed in the chart below.



Indirect Costs

Total amount of indirect costs (IDC) allocated for FY17 was \$581,049. Sixteen awards allowed IDC and averaged \$32,245. The average rate of IDC rose to 29% from 12% the previous year, and ranged from an allowed 8% to the HHS approved IDC for KSU of 52.7%.

Awards by Funding Agency

Agency	Total Amount Granted	Percentage
NSF	\$162,155	1%
US Dept. of Ed.	\$3,511,518	26%
Private Foundations	\$166,480	1%
Commonwealth of Kentucky	\$1,089,652	8%
US Dept. of Agriculture	\$6,423,623	48%
US Dept. of Health and Human Services	\$300,000	2%
EKU	\$11,676	0%

Agencies engaged by KSU continued to show diversification consisting of federal, state, universities, and corporate foundations. Funding was more diverse in terms of sources in FY17 as the US Department of

Agriculture and the various directorates (APHIS, NIFA, NRCS, etc.) accounted for 48% of all grant awarded at \$6,423,623. The US Department of Education ranked second and accounted for 26% at \$3,511,518, The Department of Health and Human Services (\$300,000), and the Commonwealth of Kentucky at \$1,089,652.

Office of Sponsored Programs FY18 Outlook



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, roughly 21% of KSU faculty submitted proposals as Principal Investigators in FY17 (based on 107 faculty), up from 15% the previous year (based on 129). Pivot will allow 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 allows 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).

Title	Number of Employees Who Submitted Proposals	Percentage of Proposals accounted for	Number of Proposals Submitted
Professor	4	10%	20
Assoc. Prof.	6	15%	10
Ast. Prof.	10	26%	17
Instructor	2	5%	3
Staff	17	44%	27

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 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 encouraging grant writing by full professors.

HERD Survey (Higher Education Research and Development)

Higher education R&D expenditures, ranked by FY2015 R&D expenditures: FYs 2010-15								
Rank	State Institutions of Kentucky	2010	2011	2012	2013	2014	2015	% of Change FY14-15
69	U. Kentucky	359,944	372,932	360,776	339,764	328,239	331,705	1%
107	U. Louisville	189,090	197,438	196,842	186,772	183,376	179,499	-2%
347	Western Kentucky U.	9,943	8,344	10,639	9,322	8,280	7,854	-5%
375	Kentucky State U.	4,912	4,562	6,859	5,605	5,694	6,017	6%
490	Murray State U.	3,396	3,718	3,345	2,192	2,080	2,371	14%
512	Northern Kentucky U.	2,316	2,397	2,201	1,810	2,052	2,026	-1%
524	Morehead State U.	2,145	2,018	2,174	2,631	1,892	1,838	-3%

As shown above, Kentucky State University ranked fourth in the State in terms of Research and Development expenditures from 2010-2015. We were also one of two schools in the top five who saw an increase in percentage of change from the fiscal year 2014 to fiscal year 2015. Kentucky State University also ranks in the top 30 of HBCU’s in terms of R&D expenditures.