2013-2014

ANNUAL REPORT

Sponsored Programs Office | Ball State University

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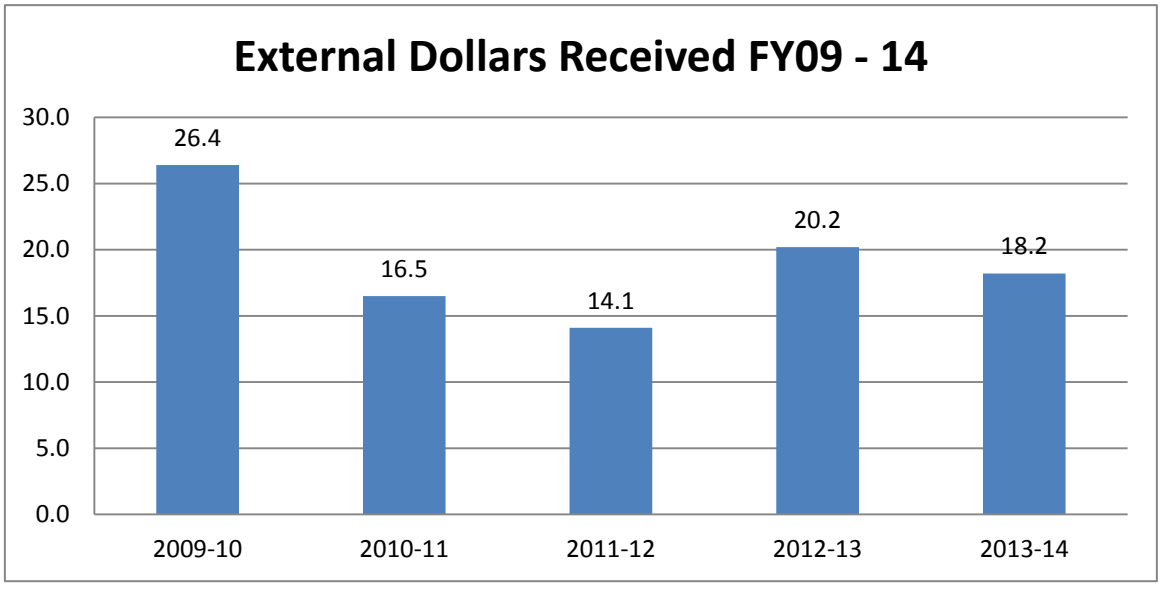
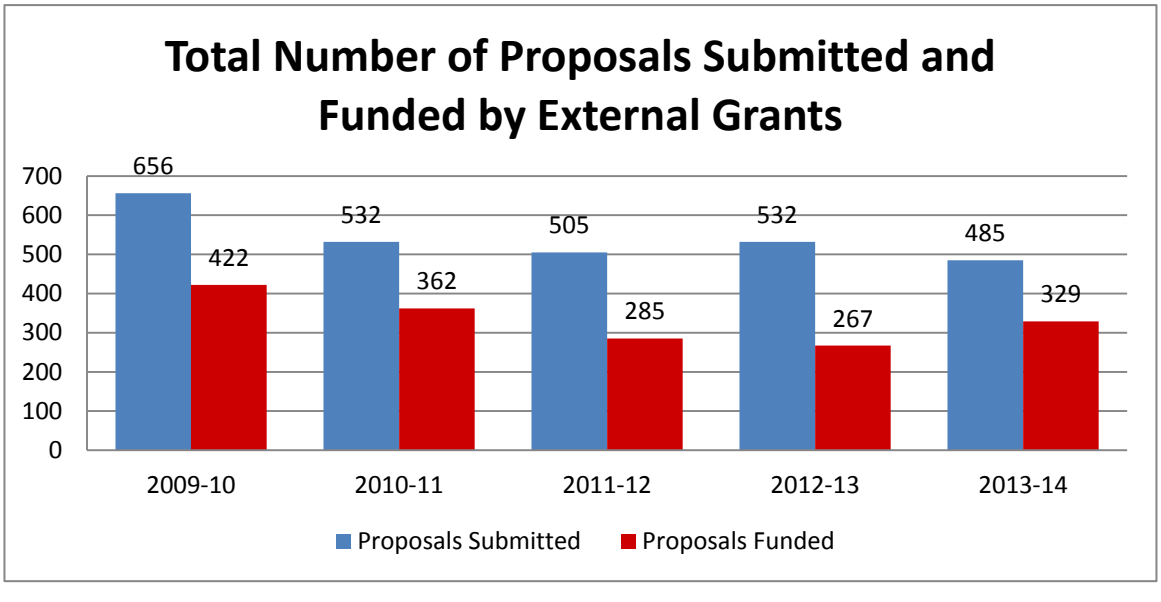
External Funding Overview

The Sponsored Programs Office external funding totals include Ball State University Foundation funds that play out as externally sponsored projects, as well as funding self-administered by University Service Centers. The chart below, "External Dollars Received FY 2009-2014," reflects totals for all sources of external funding for Ball State projects, including Foundation support and Centers.





External Dollars Received by Type of Award 2013-14			
Source	**Number**	**Amount**	**Percentage**
Academic Support	34	$ 4,976,300	27%
Service	147	$ 4,429,151	24%
Basic Research	69	$ 3,435,315	19%
Institutional Support	30	$ 2,640,608	14%
Instruction	19	$ 2,245,180	12%
Applied Research	30	$ 504,996	3%
TOTAL	**329**	**$ 18,231,550**	**100%**

External Dollars Received by Funding Source 2013-14			
Source	**Number**	**Amount**	**Percentage**
Foundation	59	$ 7,032,598	39%
Federal	102	$ 5,326,523	29%
Industry	48	$ 2,390,881	13%
State	22	$ 1,879,187	10%
Non-Profit	84	$ 1,513,699	8%
Local	5	$ 58,630	Less than 1%
International	6	$ 20,657	Less than 1%
University	3	$ 9,375	Less than 1%
TOTAL	**329**	**$ 18,231,550**	**100%**

Awards by College or Unit		
College/Unit	**Amount**	**Awards**
Academic Affairs	$ 5,400,064	45
Applied Sciences and Technology	$ 3,019,114	34
Student Affairs	$ 3,010,150	5
Sciences and Humanities	$ 2,675,684	125
Teachers College	$ 1,993,576	35
Information Technology	$ 1,330,791	46
Miller College of Business	$ 373,311	5
Architecture and Planning	$ 276,530	19
Fine Arts	$ 97,700	9
Communication, Information, and Media	$ 53,230	5
Enrollment, Marketing, and Communication	$ 1,400	1
TOTAL	**$ 18,231,550**	**329**

Initiatives & Accomplishments

Progress on the Ball State Strategic Plan (2012-17):

	Baseline FY12	**FY13 Actual** *(benchmark)*	**FY14 Actual** *(benchmark)*
Increase by 125% external funding for scholarly work	$14M	$20.2M *($17.6M)*	$18.2M *($21.2M)*
Increase by 40% the number of contract and grant proposal submissions.	505	532 *(545)*	485 *(586)*
Increase number of contract and grant proposal submissions totaling more than $25,000 by 25%	183	205 *(192)*	210 *(201)*

Notable Funded Proposals

International Projects

- Ken Holland, Center for International Development: "Baghdad English Language Center," U.S. Department of State, $600,000
- Richard Edwards, iLearn: "The Arrive Project: Mobile Adventure Game and Online Learning Modules for Youth Life Skills," Creative Associates International, $278,989
- Lindsey Blom, School of Physical Education, Sport, and Exercise Science: "Sport for Social Change: Tajikistan," U.S. Department of State, $222,637
- Ken Holland, Center for International Development: "Pan-African Youth Leadership Program (Francophone & Anglophone Participants)," Meridian International Center, $190,791

Sciences

- Bart Pederson, Center for Medical Education: "Neuroprotective Effects of Brain Glycogen in Hypoglycemia," National Institutes of Health, $420,000
- Mark Hill, Anthropology: "Archaeometric and Stylistic Analysis of Hopewellian Interaction Networks", National Science Foundation, $262,658
- Thomas Lauer, Biology: "Dynamics and Models of the Yellow Perch in Indiana Waters of Lake Michigan 2014-2016," Indiana Department of Natural Resources, $148,043
- Scott Trappe, Human Performance Lab: "Integrated Resistance and Aerobic Training During Long Duration Space Flight and Bedrest: Impact on Skeletal Muscle Health," National Aeronautics and Space Administration, $143,208

Public Service

- Dick Heupel, Building Better Communities: "Community Readiness Index," Indiana Office of Community and Rural Affairs, $340,000
- John Fallon, Building Better Communities: "Creation of the Northeast Indiana AHEC at Ball State University," State of Indiana, $208,550
- Michael Hicks, Center for Business and Economic Research: "Key Economic Sectors in Indiana Study," Indiana Economic Development Corporation, $203,761
- Kelli Huth, Building Better Communities: "Building Better Neighborhoods," Ball Brothers Foundation, $200,000
- Pat Clark, Elementary Education: "MuncieP3: Maximizing Promise and Potential in Preschool-Primary Grades through Collaboration with Community-Based Organizations," Indiana Department of Education, $200,000

Institutional Support

Vera Bales, Office of the Vice President for Student Affairs: "Cardinal Connect," Lilly Endowment, Inc., $3,000,000

Research Recognition

BeneFacta Day

The 23rd annual BeneFacta Day was celebrated October 14, 2013 in the Student Center Cardinal Hall. This annual event for recognizing faculty and profession personnel active in submitting proposals and carrying out sponsored projects brought together more than 100 attendees who enjoyed wine, cheese, and hors d'oeuvres, as well as remarks from the Provost, Associate Provost for Research, and SPO Director.

Research & Outstanding Creative Endeavor of the Year

The annual lecture and reception featuring the Researcher of the Year and Outstanding Creative Awardee took place on April 14, 2014 in the Arts & Journalism Building. The 2013 Research recipient, as nominated by his peers and chosen by the University Research Committee, Tom Holtgraves, professor of psychology, spoke on "Understanding Ambiguity." The Outstanding Creative Endeavor award, also nominated by his peers and chosen by the Creative Arts Committee, was Matt Mullins, assistant professor of English, who presented a number of his works in his presentation, "A Mixed Media Reading."

Staff Updates

- Proposal Manager Heather Miller left SPO in September 2013 to return to the library world. She was replaced by Keith Chandler, who joined us in January 2014 from the Indiana Department of Education.

- Maria Bumbalough initially joined SPO as a temporary employee but was brought on in a full-time capacity in April 2014 as Proposal Coordinator & Financial Assistant

Faculty and Professional Personnel Support Programs

Indirect Cost Recovery Distribution

Per University policy, of the indirect costs recovered by the University: 5% go to Principal Investigator(s), 10% to Departments/Units, and 3% to the College (when their four-year average is met, with 20% on amounts over that average). During the past year, the following amounts were transferred: $51,972 to PIs, $183,599 to departments/centers, and $61,240 to colleges – which makes a total distribution of $296,811, a 13% increase over the previous year.

SUBMIT Program

This incentive program places funds into an account for PI and Co-PI extramural-related expenses according to a graduated scale based on the level of a sponsor request. In FY 2013-14, 227 proposals were eligible for these funds, resulting in $109,151 being distributed among 220 PI and Co-PIs.

Communication & Information

SPO continues to share information through a number of social media outlets including the SPO Research Newsletter Blog, Facebook page, and Twitter account. In addition to funding opportunities, SPO events, and news related to external funding, these mechanisms have also allowed the ability to share funding successes quickly with the campus community (called *SPOtlights*).

SPO Professional Development

SPO Staff attended and/or presented at the following conferences and professional meetings:

- Association of University Technology Managers (AUTM) Regional Meeting – Justin Miller and Stephanie Sisco
- Grantsmanship Information Sessions (GIS) – Stan Geidel and Justin Miller presented
- Indiana Forum for Research Administration (IFRA) – Jessie Roark and Augusta Wray
- Midwest Research and Graduate Administrators Forum (MRGAF)– Justin Miller and Robert Morris
- National Council of University Research Administrators (NCURA) Fundamentals II Class – Sarah Lee and Augusta Wray
- Butler Undergraduate Research Conference: Jessie Roark
- Nation Council of University Research Administrators, Region IV: Keith Chandler, Jackie Davis, Stan Geidel (presented), Sarah Lee (presented), Justin Miller (presented), Jessie Roark (presented), Augusta Wray

ASPiRE Internal Grant Programs

Ball State University's Internal Grants Program was created in 1965 to provide funding to faculty and students and to support and develop projects in the areas of research and creative endeavors. ASPiRE Internal grants are intended to supplement and strengthen the support for research and creative endeavors that comes both from departmental and college resources along with other university programs.

Ball State Internal Grants program offerings consisted of the following competitions this fiscal year: Junior Faculty Research, Junior Faculty Creative Arts, ADVANCE, New Faculty Start-Up, Reprint/Publication Support, Travel Support for External Funding for faculty, International Travel Support, Graduate Creative Arts, Graduate Research, Undergraduate Creative Arts, Undergraduate Research, and Travel Support for Professional Meetings for students.

2013-14 Program Participation

The ASPiRE Internal Grants program processed 159 student proposals, awarded $24,593 to support 124 projects and 116 faculty proposals, and awarded $275,182 to support 101 projects. Details of the 2013-14 ASPiRE Internal Grants program are summarized in the table "Internal Grants Program 2013-14" (right). Two of the Junior Faculty awardees are featured in the 2014 issue of Research magazine, Brent Cole from the School of Art and VJ Rubenstein from Biology.

Internal Grants Program 2013-14

	Requests Submitted	Proposals Awarded	Award Amount
Faculty Programs - Research			
ADVANCE Research	14	10	$ 104,555
Junior Faculty Research	12	10	$ 88,800
Total Research	**26**	**20**	**$ 193,355**
Faculty Programs - Creative Arts			
ADVANCE Creative Arts	2	1	$ 5,000
Junior Faculty Creative Arts	3	3	$ 28,550
Total Creative Arts	**5**	**4**	**$ 33,550**
International Travel	30	30	$ 12,000
New Faculty Start-Up	29	21	$ 30,650
Reprint/Publication Support	26	26	$ 5,627
Travel Support - External Funding	-	-	-
Total Faculty Programs	**116**	**101**	**$ 275,182**
Graduate Student Programs			
Creative Arts	4	2	$ 1,000
Research	33	17	$ 8,355
Hollis	15	13	$ 5,303
Travel Support - Prof. Meetings	74	73	$ 6,215
Total	**126**	**105**	**$ 20,873**
Undergraduate Student Programs			
Creative Arts	13	8	$ 2,345
Research	10	2	$ 550
Travel Support - Prof. Meetings	10	9	$ 825
Total	**33**	**19**	**$ 3,720**
Total Student Programs	**159**	**124**	**$ 24,593**
Total Internal Grants	**275**	**225**	**$ 299,775**

Intellectual Property

Intellectual property development is an integral component to the research enterprise at the University. SPO is responsible for both receiving initial disclosures of potential intellectual property and in serving as the University liaison with the Ball State Innovation Corporation, or BSIC. The BSIC, under the continued leadership of Interim President Will Davis, directs commercialization and licensing activities related to BSU's works of intellectual property: everything from mobile apps to curriculum to musical theatre.

Three of the performance indicators of the BSU Strategic Plan directly relate to SPO's IP efforts, under Goal 4, Objective 5: "Enhance commercialization with new opportunities and strategies." Those indicators are to increase royalty by 50% (to $405,606), create five start-up companies that generate significant net revenue, and increase the annual number of IP disclosures to 20. During Fiscal Year 2014, 14 disclosures of intellectual property were made, maintaining a positive trajectory towards our 2017 goal. In addition, FY14 royalties totaled $462,085.33, which surpassed our Strategic Plan goal! Below is the itemized listing of those IP products. For additional questions on the IP process at Ball State, contact Stephanie Sisco—for questions on the specific products available, contact Linda Swartz.

Author(s)	Project Title	Income
DVD		
Michael O'Hara	Explore Theatre: A Backstage Pass	$26,296.48
Hans Sturm	The Art of the Bow	$2,300.00
Hans Sturm	The Art of the Left Hand	$2,000.00
Arlene Ignico	Assessment of Fundamental Motor Skills	$719.82
Catherine Primmer/L. T. Faison	Weight Training for the Physical Body	$363.80
Linda Siktberg, Ann (Burford) Bilodeau	Safe Swallowing	$359.63
Teresa Matlock	Child Care Collection, LLC	$320.93
Rob Bell	Mental Toughness Training for Golf	$127.29
Rich Swingley, Tim Pollard	Ellie & Marianne	$74.85
Nancy Carlson	Movers & Stakers: Stories Along the Indiana National Road	$60.00
Chin-Sook Pak	Sobrevivir	$31.90
Rodger Smith, Jim Connolly	Changing Gears: End of an Era	$29.95
CD		
Eric Lassiter	Kiowa Hymns	$550.41
Software		
Sherry Woosley, Donald Whitaker	MAP: On-line (Making Achievement Possible: On-line)	$419,439.26
Matthew Stuve, Mark Lora	rGrade	$5,885.27
Jason Doll, Thomas Lauer	Back-Calc (FishBC)	$54.99
Miscellaneous		
Beth Turcotte	The Circus in Winter	$3,000.00
Rodger Smith	My Name is Jerry	$470.75
	Total	**$462,085.33**

FUNDING PROFILES

NOTE ON COLLEGE TOTALS: Items are included in the totals of the lead investigator's department

College of Applied Sciences and Technology

External Dollars Received by Funding Source 2013-14			
Source	**Number**	**Amount**	**Percentage**
Federal	6	$1,162,747	39%
Foundation	4	$59,942	2%
Non-Profit	14	$53,076	1%
State	1	$58,211	2%
Industry	9	$1,685,138	56%
Totals	34	$3,019,114	100%

External Dollars Received by Type of Award 2013-14			
Source	**Number**	**Amount**	**Percentage**
Academic Support	3	$11,623	Less than 1%
Applied Research	5	$90,408	3%
Basic Research	12	$939,295	31%
Institutional Support	2	$76,686	3%
Instruction	5	$1,615,204	53%
Service	7	$285,898	9%
Totals	**34**	**$3,019,114**	**100%**

Five-Year Summary for the College of Applied Sciences and Technology

FY 2010 --------- $2.0 million

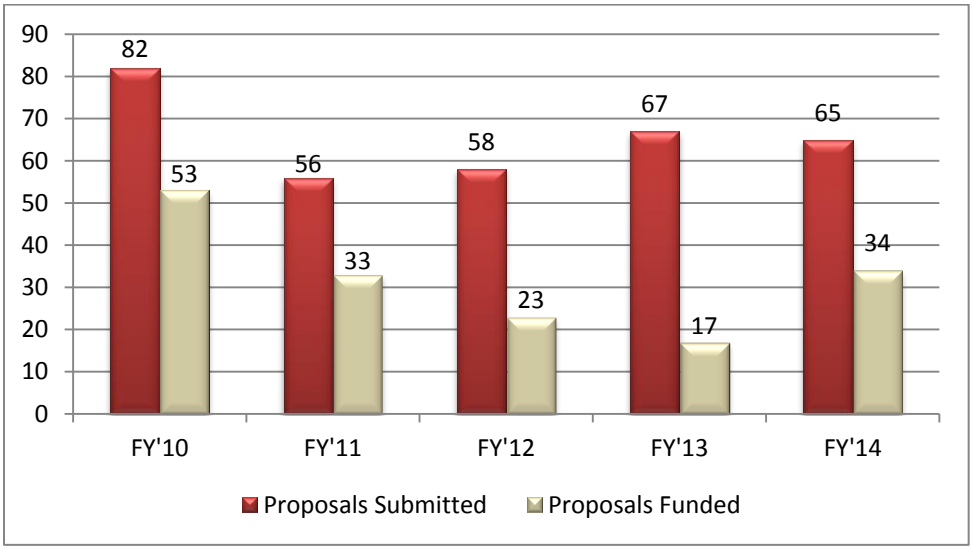
FY 2011 --------- $1.2 million

FY 2012 --------- $3.7 million

FY 2013 --------- $499 thousand

FY 2014 --------- $2.0 million

Total Number of Proposals Submitted and Funded



College of Architecture and Planning

External Dollars Received by Funding Source 2013-14			
Source	**Number**	**Amount**	**Percentage**
Federal	3	$28,000	10%
Foundation	1	$10,000	4%
Non-Profit	9	$124,900	45%
State	1	$55,000	20%
Local	5	$58,630	21%
Totals	**19**	**$276,530**	**100%**

External Dollars Received by Type of Award 2013-14			
Source	**Number**	**Amount**	**Percentage**
Academic Support	1	$10,000	4%
Instruction	4	$156,000	56%
Service	14	$110,530	40%
Totals	**19**	**$276,530**	**100%**

Five-Year Summary for the College of Architecture and Planning

FY 2010 --------- $738 thousand

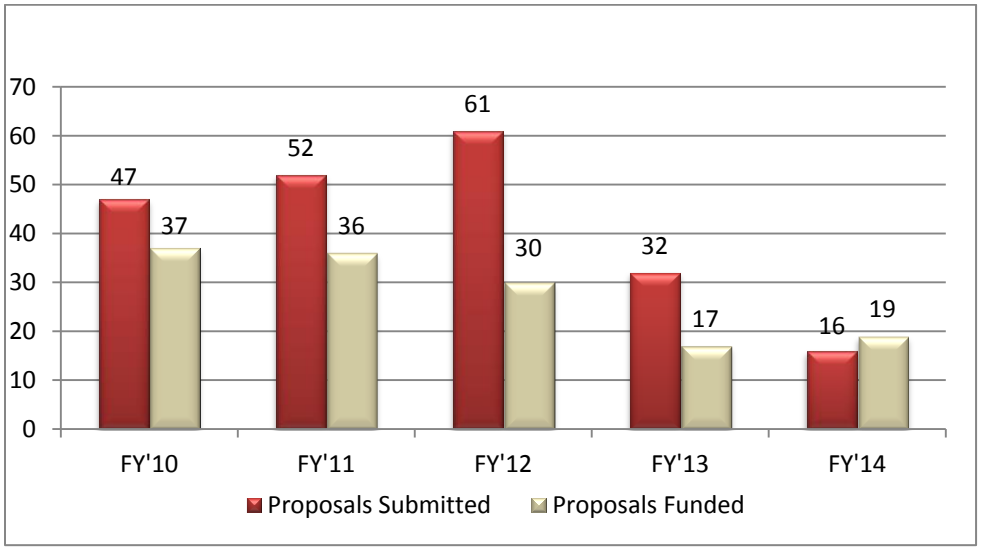
FY 2011 --------- $697 thousand

FY 2012 --------- $455 thousand

FY 2013 --------- $301 thousand

FY 2014 --------- $276 thousand

Total Number of Proposals Submitted and Funded



Miller College of Business

External Dollars Received by Funding Source 2012-12			
Source	**Number**	**Amount**	**Percentage**
Foundation	3	$23,500	6%
State	2	$349,811	94%
Totals	**5**	**$373,311**	**100%**

External Dollars Received by Type of Award 2013-14			
Source	**Number**	**Amount**	**Percentage**
Academic Support	1	$10,000	3%
Applied Research	1	$10,000	3%
Basic Research	1	$203,761	54%
Institutional Support	1	$3,500	1%
Service	1	$146,050	39%
Totals	**5**	**$373,311**	**100%**

Five-Year Summary for the Miller College of Business

FY 2010 --------- $358 thousand

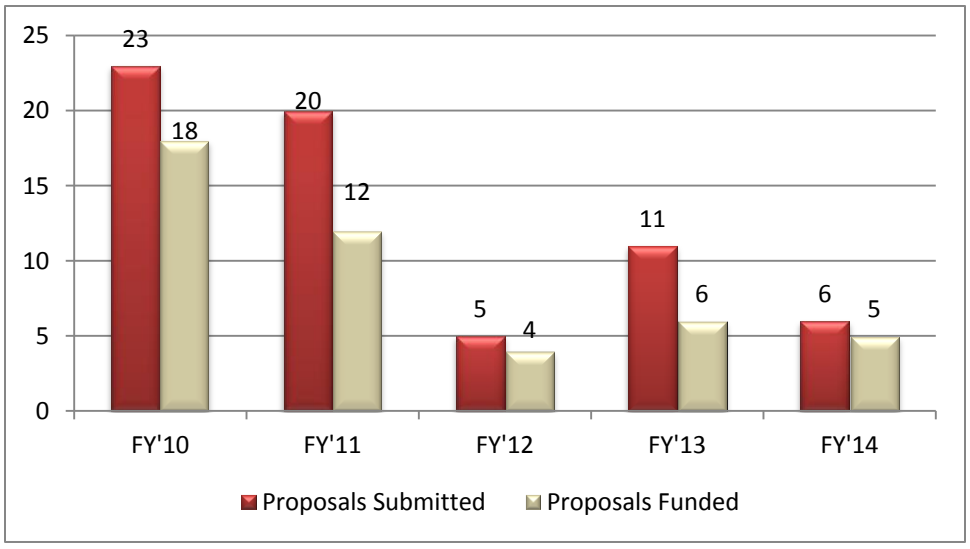
FY 2011 --------- $410 thousand

FY 2012 --------- $239 thousand

FY 2013 --------- $140 thousand

FY 2014 --------- $373 thousand

Total Number of Proposals Submitted and Funded



College of Communication, Information, and Media

External Dollars Received by Funding Source 2013-14			
Source	**Number**	**Amount**	**Percentage**
Federal	2	$5,500	10%
Foundation	2	$38,500	73%
Industry	1	$9,230	17%
Totals	**5**	**$53,230**	**100%**

External Dollars Received by Type of Award 2013-14			
Source	**Number**	**Amount**	**Percentage**
Applied Research	1	$9,230	17%
Basic Research	1	$5,000	10%
Institutional Support	1	$25,000	47%
Instruction	1	$13,500	25%
Service	1	$500	1%
Totals	**5**	**$53,230**	**100%**

Five-Year Summary for the College of Communication, Information, and Media

FY 2010 --------- $370 thousand

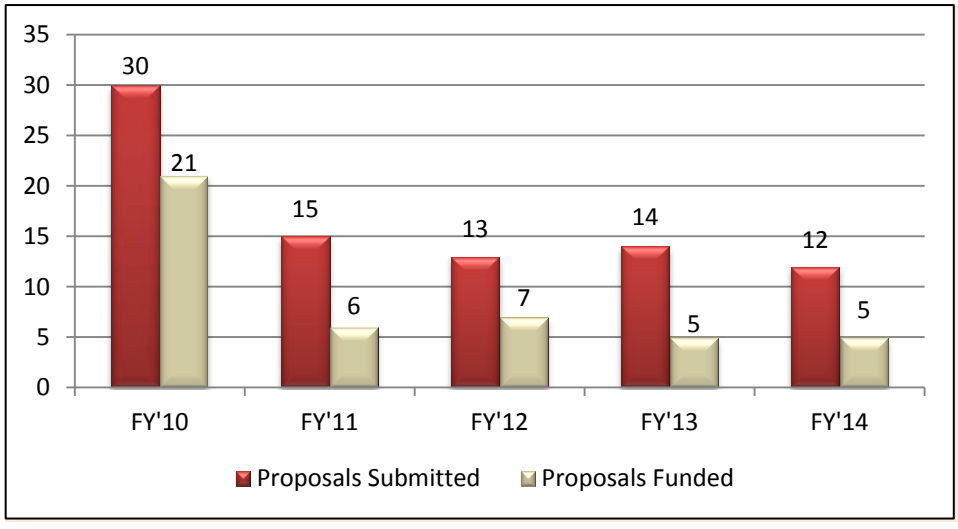
FY 2011 --------- $615 thousand

FY 2012 --------- $1.3 million

FY 2013 --------- $483 thousand

FY 2014 --------- $53 thousand

Total Number of Proposals Submitted and Funded



College of Fine Arts

External Dollars Received by Funding Source 2013-14			
Source	**Number**	**Amount**	**Percentage**
Foundation	5	$76,200	78%
Non-Profit	4	$21,500	22%
Totals	**9**	**$97,700**	**100%**

External Dollars Received by Type of Award 2013-14			
Source	**Number**	**Amount**	**Percentage**
Academic Support	1	$8,000	8%
Institutional Support	6	$81,200	83%
Service	2	$8,500	9%
Totals	**9**	**$97,700**	**100%**

Five-Year Summary for the College of Fine Arts

FY 2010 --------- $794 thousand

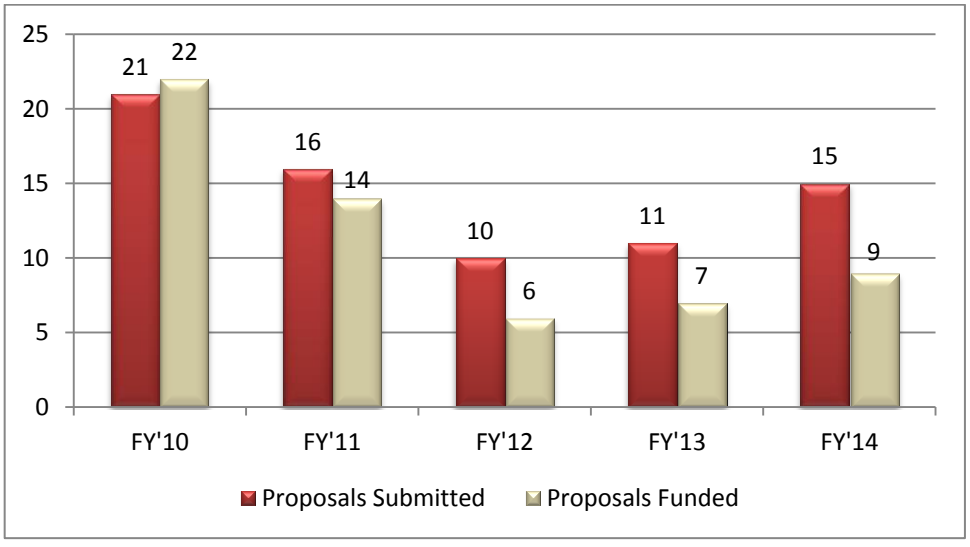
FY 2011 --------- $394 thousand

FY 2012 --------- $176 thousand

FY 2013 --------- $110 thousand

FY 2014 --------- $97 thousand

Total Number of Proposals Submitted and Funded



College of Sciences and Humanities

External Dollars Received by Funding Source 2013-14			
Source	**Number**	**Amount**	**Percentage**
Federal	64	$1,881,888	70%
Foundation	11	$151,571	6%
Non-Profit	22	$192,549	7%
State	5	$147,836	6%
Industry	17	$280,033	10%
University	1	$5,000	Less than 1%
International	5	$16,807	Less than 1%
Totals	**125**	**$2,675,684**	**100%**

External Dollars Received by Type of Award 2013-14			
Source	**Number**	**Amount**	**Percentage**
Academic Support	6	$36,957	1%
Applied Research	14	$312,917	12%
Basic Research	49	$1,800,682	67%
Institutional Support	4	$58,190	2%
Instruction	5	$101,672	4%
Service	47	$365,266	14%
Totals	**125**	**$2,675,684**	**100%**

Five-Year Summary for the College of Sciences and Humanities

FY 2010 --------- $2.2 million

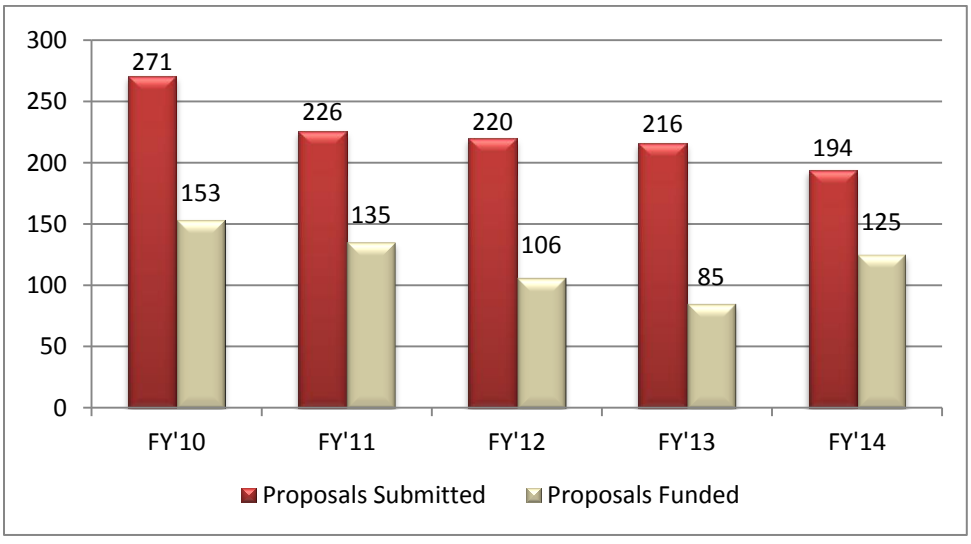
FY 2011 --------- $2.1 million

FY 2012 --------- $2.6 million

FY 2013 --------- $4.4 million

FY 2014 --------- $2.6 million

Total Number of Proposals Submitted and Funded



Teachers College

External Dollars Received by Funding Source 2013-14			
Source	**Number**	**Amount**	
Federal	14	$619,496	31%
Foundation	15	$1,264,629	64%
Non-Profit	2	$44,264	2%
State	4	$65,187	3%
Totals	**35**	**$1,993,576**	**100%**

External Dollars Received by Type of Award 2013-14			
Source	**Number**	**Amount**	**Percentage**
Academic Support	19	$1,673,365	84%
Applied Research	8	$46,591	2%
Basic Research	2	$13,310	Less Than 1%
Institutional Support	3	$209,710	11%
Instruction	1	$40,000	2%
Service	2	$10,600	Less Than 1%
Totals	**35**	**$1,993,576**	**100%**

Five-Year Summary for the Teachers College

FY 2010 --------- $2.1 million

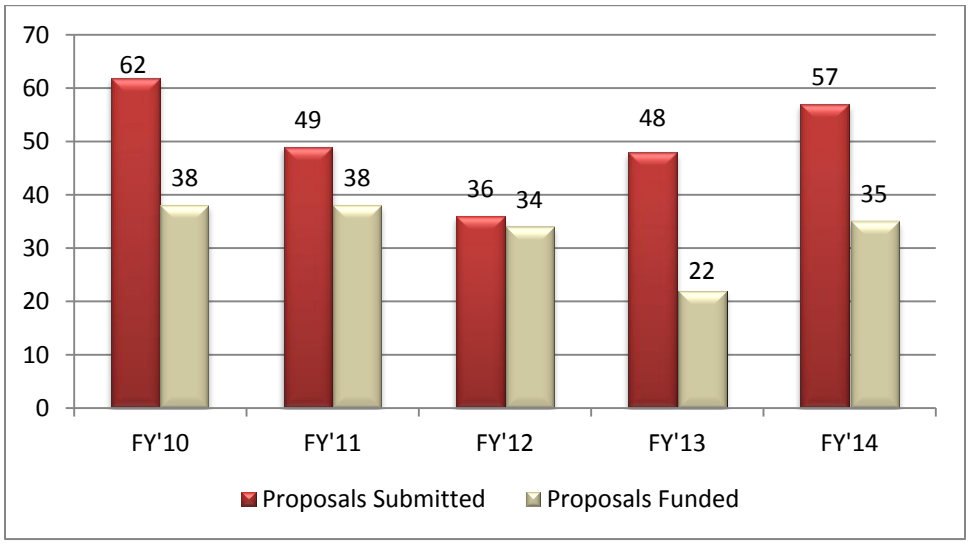
FY 2011 --------- $3.1 million

FY 2012 --------- $2.9 million

FY 2013 --------- $1.6 million

FY 2014 --------- $1.9 million

Total Number of Proposals Submitted and Funded



Extra-Collegial Units

External Dollars Received by Funding Source 2013-14			
Source	**Number**	**Amount**	**Percentage**
Federal	13	$1,628,892	17%
Foundations	18	$5,408,256	55%
Non-Profit	33	$1,077,410	11%
State	9	$1,203,142	12%
Industry	21	$416,480	4%
University	2	$4,375	Less than 1%
International	1	$3,850	Less than 1%
Totals	**97**	**$9,742,405**	**100%**

External Dollars Received by Type of Award 2013-14			
Source	**Number**	**Amount**	**Percentage**
Academic Support	3	$3,226,355	33%
Applied Research	1	$35,850	1%
Basic Research	4	$473,267	5%
Institutional Support	13	$2,186,322	22%
Instruction	3	$318,804	3%
Service	73	$3,501,807	36%
Totals	**97**	**$9,742,405**	**100%**

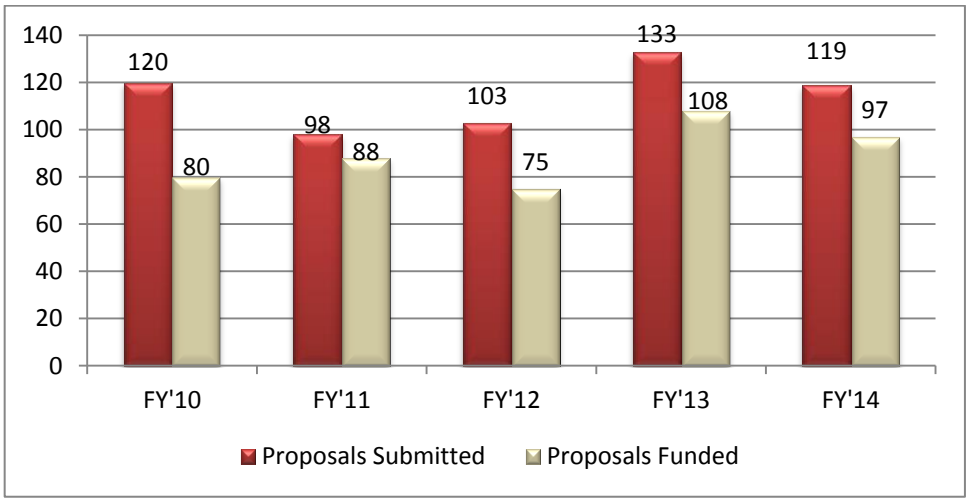
Five-Year Summary for the Extra-Collegial Units

FY 2010 --------- $17.7 million

FY 2011 --------- $8.0 million

FY 2012 --------- $2.8 million

FY 2013 --------- $12.7 million

FY 2014 --------- $9.7 million

Total Number of Proposals Submitted and Funded