Welcome!

What a difference a year makes! On January 1, 2015, with the full support of the University community, Sponsored Programs Office (SPO) and the Contracts & Grants Office (CGO) fully merged into a comprehensive unit: Sponsored Projects Administration (SPA). The merger has been both physical and administrative in nature: we've added offices to the Research House and expanded our service to faculty and staff, all in an effort to achieve our mission to reduce administrative burden, increase faculty and staff knowledge, and provide the highest level of support possible in research, creative, and programmatic external funding pursuits.

To that end, this magazine includes the FY 2014-15 records pertaining to Sponsored Projects Administration (SPA). Figures include grant awards, contracts awarded to University Centers and Institutes, and funding to the Ball State University Foundation that resulted in sponsored programs.

As an executive summary of sorts: FY 14-15 brought $11.1M in external dollars to Ball State University. 440 proposals were submitted during the fiscal year. 264 funded awards were recorded.

We extend our appreciation to all who carried out the challenging work of preparing and administering sponsored projects, both internal and external—awarded or not—and recognize the productivity and commitment represented by all who are actively engaged in the pursuit of extramural funding.

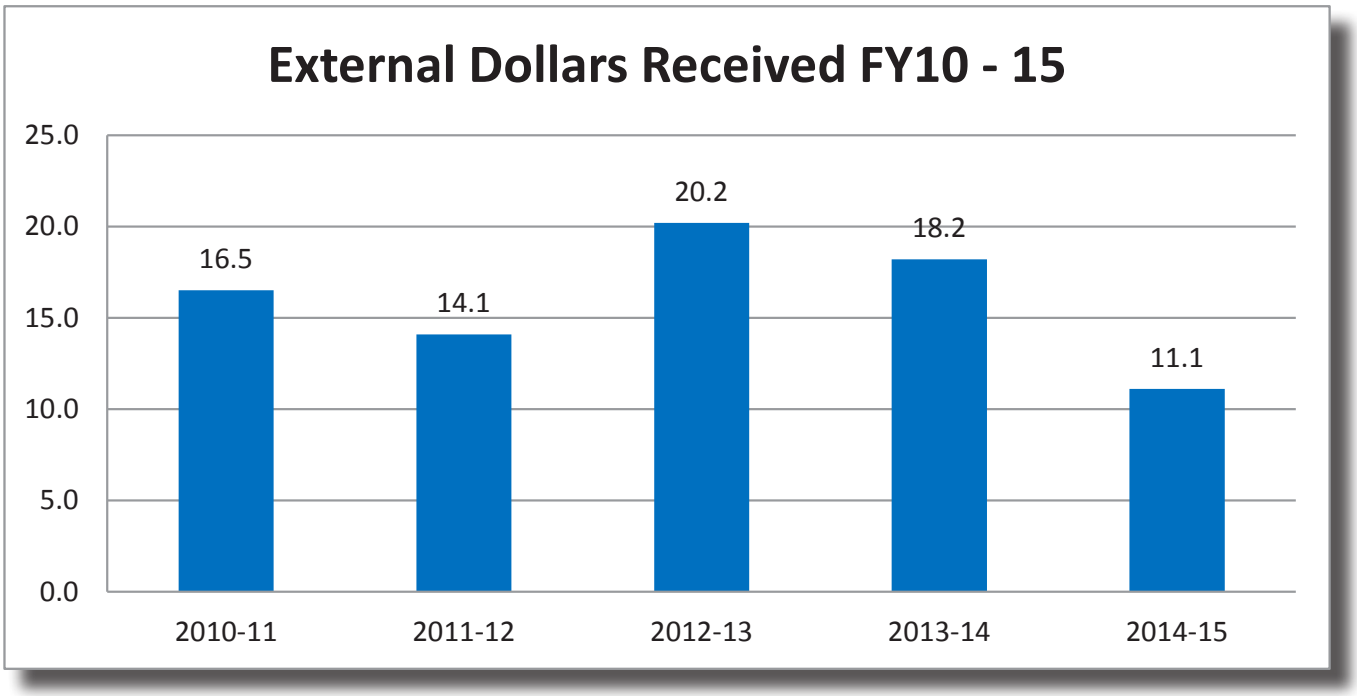
On behalf of the first-rate and hard-working SPA staff, we offer our warm regards and best wishes for continued success.

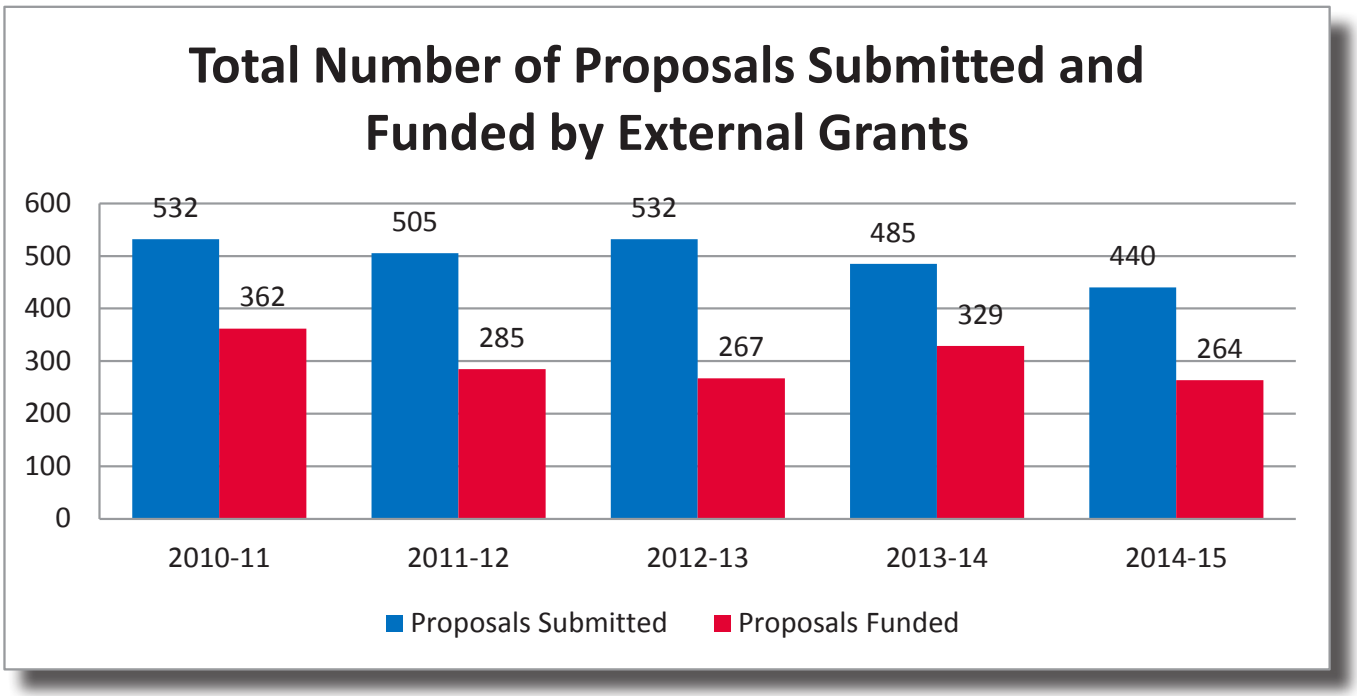
Robert J. Morris
Associate Vice President for Research
and Dean of the Graduate School
Professor of Chemistry

Justin Miller, EdD
Director
Sponsored Projects Administration

External Funding Overview

The Sponsored Projects Administration 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 2010 - 2015," reflects totals for all sources of external funding for Ball State projects, including Foundation support and Centers.





External Dollars Received by Type of Award 2014-15			
Source	**Number**	**Amount**	**Percentage**
Basic Research	65	$ 3,262,960	29%
Service	90	$ 2,726,115	24%
Academic Support	53	$ 2,346,251	21%
Institutional Support	17	$ 1,424,277	13%
Applied Research	21	$ 928,938	8%
Instruction	18	$ 466,597	4%
TOTAL	**264**	**$ 11,155,138**	**100%**

External Dollars Received by Funding Source 2014-15			
Source	**Number**	**Amount**	**Percentage**
Federal	64	$ 4,758,061	43%
Foundation	51	$ 3,006856	27%
Non-Profit	69	$ 1,493,430	13%
State	22	$ 868,609	8%
Industry	43	$ 705,601	6%
International	5	$ 193,420	2%
Local	6	$ 108,710	1%
University	4	$ 20,451	Less than 1%
TOTAL	**264**	**$ 11,155,138**	**100%**

Awards by College/ Unit		
College/Unit	**Amount**	**Awards**
Sciences and Humanities	$ 3,349,356	92
Academic Affairs	$ 2,671,446	36
Teachers College	$ 1,976,480	42
Information Technology	$ 1,113,515	33
Applied Sciences and Technology	$ 1,023,977	27
University Advancement	$ 500,000	1
Miller College of Business	$ 219,465	10
Student Affairs	$ 132,756	4
Fine Arts	$ 74,000	6
Architecture and Planning	$ 71,643	9
Communication, Information, and Media	$ 22,000	3
Enrollment, Marketing, and Communication	$ 500	1
TOTAL	**$ 11,155,138**	**264**

Initiatives & Accomplishments

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

	Baseline FY12	FY13 Actual	FY14 Actual	FY15 Actual
Increase by 125% external funding for scholarly work	$14M	$20.2M	$18.2M	$11.1M
Increase by 40% the number of contract and grant proposal submissions	505	532	485	440
Increase number of contract and grant proposal submissions totaling more than $25,000 by 25%	183	205	210	180

Notable Funded Proposals

International Projects

- Ken Holland (CID); Meridian International Center, "PAYLP 2015": $173,958
- Larry Gerstein (Peace & Conflict Studies); Meridian International Center, "IYLEP 2015": $155,393
- Mary Theresa Seig (IEI); Proyecta, "Proyecta 100 Fall 2014": $133,000
- Mary Theresa Seig (IEI); US Dept of State/CIES, "Fulbright Junior Faculty Development Program for Lebanon & Iraq": $145,000

Sciences

- Henry Wang (Kinesiology); U.S. Dept. of Defense, "Effects of Multiaxial Skeletal Loading on Tibia Mechanical Strength during Load Carriage in Females": $685,422
- Tim Carter (Biology): IN Dept of Natural Resources, "Examining Urban and Rural White-tailed Deer; Mortality, Dispersal, and Relatedness": $630,589
- Eric Rubenstein (Biology): National Institutes of Health, "Genetic Requirements for Protein Degradation at the Eukaryotic Translocon": $310,688
- Michael Perdue (Chemistry): Environmental Protection Agency, "Prepare Concentrates of Natural Organic Matter (NOM) for Toxicological Research": $222,594
- Shaoen Wu (Computer Science): National Science Foundation: "RUI: CCSS: Collaborative Research: Cooperative Unmanned Aerial Vehicles Enabled Scalable Mobile Panoramic Video Surveillance": $221,826
- Wayne Zage (S^2ERC): National Science Foundation + Affiliates: "Support for S^2ERC and Affiliation Agreements": $906,791
- Erik Nesson (Economics): Robert Wood Johnson Foundation, "Applying New Methods to Health Inequality Measurement": $116,965

Public Service

- Pat Clark (Elementary Education): IN Dept of Education + Ball Brothers Foundation, "MP3 and Family Engagement Initiative": $445,309
- John Fallon (Building Better Communities): State of Indiana, "NEI-AHEC Operational Support": $215,000

Institutional Support

- Dawn Miller (Burris): Ball Brothers Foundation, "O.W.L. Pride - Onward With Learning at Burris Laboratory School": $200,000

- Robert Koester (CERES): Sefaira, "Sefaira Education Program Licensure": $149,900
- Sotiris Hji-Avgoustis (Family & Consumer Sciences): IN Dept of Education, "Cardinal Outreach Recruitment Efforts (C.O.R.E.) Proposal: An Expansion of Outreach Efforts at Ball State University to Increase the Number of Family and Consumer Science Teacher Educators in Indiana": $115,726
- Kay Bales (Student Affairs): Bill & Melinda Gates Foundation, "BSU Achievements": $100,000

Research Recognition

Student Symposium: The 2015 Symposium continues to serve as an important public forum for students to display and present their research and creative projects. This year continued a new feature with moderated paper presentations scheduled in addition to posters. 205 individual student participants presented 149 projects, which drew an estimated 284 total attendees.

Display Award Winners:
Heather Daly
Psychological Science
Psychophysiological Responses to Isolated Musical Chord Progressions
Faculty Mentor: Don Ester, Music Education

Yi-Hsin Liu
Natural Resources and Environmental Management
Nitroglycerin Decomposition in Soil as Affected by Presence of Co-Contaminants
Faculty Mentor: John Pichtel, Natural Resources and Environmental Management

Content Award Winners:
Kayla Kmiecik
Physical Education, Sport, and Exercise Science
Biomechanical Analysis of a Backward Somersault Landing and Drop Landing in Female Gymnasts
Faculty Mentor: Henry Wang, Kinesiology

Nolan Pachciarz
Biology
The Effects of Dilantin on Male Fertility and Sperm Indices in Mice
Faculty Mentor: Clare Chatot, Biology

Emily Johann
Physical Education, Sport, and Exercise
Science Influence of Drop Height and Fatigue on Landing Mechanics in Recreationally Active Females
Faculty Mentor: Clark Dickin, Kinesiology

Jamie Lau
Biology
Comparing Five Macroinvertebrate Indices of Integrity: Are We Meeting National Water Quality Monitoring Intent?
Faculty Mentor: Thomas Lauer, Biology

Benefacta Day
The 24th annual BeneFacta Day was celebrated November 19, 2014 in the BSU Alumni Center. This annual event for recognizing faculty and professional personnel active in submitting proposals and carrying out sponsored projects brought together over 100 attendees who enjoyed wine, cheese, and hors d'oeuvres, as well as remarks from the President, Associate Vice-President for Research, and SPA Director.

Research & Outstanding Creative Endeavor of the Year
The annual lecture and reception featuring the Outstanding Researcher of the Year and Outstanding Creative Endeavor Awardee took place on April 9, 2015 in the Arts & Journalism Building. The 2014 Research recipient, as nominated by her peers and chosen by the University Research Committee, Melody Bernot, associate professor of biology, spoke on her research agenda and the impact of students on her research. The Outstanding Creative Endeavor award, also nominated by her peers and chosen by the Creative Arts Committee, was Christie Zimmerman, assistant professor of dance, shared her creative process and video of that work from rehearsal through performance.

Staff Updates

With the merging of SPO and CGO, a number of new positions were created and staff movements occurred:

Retirements and Resignations
- Kathy Lucas, Director of CGO, retired effective December 30, 2014
- Jeanette Hathaway, Associate Director of CGO, resigned her position in January, 2015

Pre-Award Operations:

- Jackie Davis was named Associate Director, Pre-Award Operations
- Maria Bumbalough moved into a new Proposal Manager position
- Eric Moore was hired as a new Proposal Manager and served in SPA from June through early October

Post-Award Operations:

- Matt Moore was named Associate Director, Post-Award Operations
- All Grant Specialists were moved into professional personnel positions, as Grant Managers
- Araminta Tuttle was hired as a new Grant Manager, starting early in FY15/16

Outreach & Education

- Stan Geidel was named Campus Liaison and oversees SPA's Outreach & Education efforts

Compliance Operations

- Sheila Shafer was named Associate Director, Compliance Operations
- Rebecca Tyler was hired as Compliance Secretary, early in FY15/16
- Ted Kolodka was hired as Contract Compliance Analyst, early in FY15/16

Program Offerings & Support Programs

Research Week, 2014

A new initiative in FY14/15, Research Week focused on providing a number of professional development opportunities for faculty and staff all concentrated over one week. Sessions included: "Working with Foundations & Indiana's Funding Profile," "Not Funded—Now What?," "Professionalizing your Approach to Seeking External Funding," "Proposal Construction: Developing a Fundable Idea," and "Managing a Funded Grant," among other presentations.

SPA Fellows Program

A keystone program for new faculty developed by Campus Liaison, Stan Geidel, continued during academic year 2014/15 with two cohorts of a hand-selected group of faculty members chosen by the Provost, AVPR, Colleges, and SPA staff to participate in a year-long intensive educational program. Knowledge base and grant-writing skills are developed in order to obtain external grants in support of fundable endeavors more successfully.

Focus on the Search

This 1-hour intensive session allows 6-8 participants to get hands-on, one-on-one, time with the SPA Research Information Coordinator to first sign up for COS Pivot and then how to utilize this power tool to develop a search—all with the help of a Pivot expert.

Indirect Cost Recovery Distribution

Per University policy, of the $1,550,168 in 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: $67,402 to PIs, $227,191 to departments/centers, and $144,373 to colleges—which makes a total distribution of $438,966, an increase of over 47%.

Communication & Information

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

SPA Professional Development

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

- Indiana Forum for Research Administration (IFRA)
- Midwest Research and Graduate Administrators Forum (MRGAF)
- National Council of University Research Administrators (NCURA) Fundamentals Class
- Butler Undergraduate Research Conference
- National Council of University Research Administrators, Region IV
- Federal Demonstration Partnership
- National Council of University Research Administrators (NCURA) Pre-Award Conference
- National Council of University Research Administrators (NCURA) Post-Award Conference
- National Council of University Research Administrators (NCURA) Annual Meeting
- Evisions Annual Conference
- National Institutes of Health Regional Seminar
- National Science Foundation Grants Conference
- National Organization of Research Development Professionals

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, Hollis as well as Graduate Creative Arts, Graduate Research, Undergraduate Creative Arts, Undergraduate Research, and Travel Support for Professional Meetings for students.

2014-15 Program Participation

The ASPiRE Internal Grants program processed 136 student proposals and awarded $24,190 to support 118 projects; 140 faculty proposals and awarded $339,726 to support 114 projects. Details of the 2014-15 ASPiRE Internal Grants program are summarized in the table, "Internal Grants Program 2014-15." Three of the Junior Faculty awardees are featured in the 2015 issue of Ball State Research: Alexander Montoye from the School of Kinesiology, Robin Blom from Journalism, and Shireen Kanakri from Family and Consumer Sciences.

Internal Grants Program 2014-15

	Requests Submitted	Proposals Awarded	Award Amount
Faculty Programs - Research			
ADVANCE Research	17	9	$93,425
Junior Faculty Research	13	11	$146,447
Total Research	**30**	**20**	**$239,872**
Faculty Programs - Creative Arts			
ADVANCE Creative Arts	2	2	$10,000
Junior Faculty Creative Arts	2	2	$24,700
Total Creative Arts	**4**	**4**	**$34,700**
Hollis	6	4	$1,900
International Travel	44	44	$17,600
New Faculty Start-Up	28	14	$39,000
Reprint/Publication Support	25	25	$5,419
Travel Support for External Funding	3	3	$1,235
Total Faculty Programs	**140**	**114**	**$339,726**
Graduate Student Programs			
Creative Arts	1	1	$500
Research	31	19	$9,500
Hollis	11	10	$3,720
Travel Support for Prof. Meetings	61	61	$5,300
Total	**104**	**91**	**$19,020**
Undergraduate Student Programs			
Creative Arts	14	12	$3,570
Research	5	2	$600
Travel Support for Prof. Meetings	13	13	$1,000
Total	**32**	**27**	**$5,170**
Total Student Programs	**136**	**118**	**$24,190**
Total Internal Grants	**276**	**232**	**$363,916**

Intellectual Property

Intellectual property development remains an integral component to the research enterprise at the University. SPA is responsible for both receiving initial disclosures of potential intellectual property and in serving as the University liaison with the Ball State Innovation Corporation (BSIC). The BSIC, under the continued leadership of President Wil 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 SPA and BSIC'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 a total of 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 $399,305.36. Itemized listing of those IP products are below. For additional questions on the IP process at Ball State, contact Stephanie Roof; for questions on the specific products available, contact Linda Swartz.

Intellectual Property Income FY2015

Author(s)	Project Title	Income
DVD		
Michael O'Hara	Explore Theatre: A Backstage Pass - DVD	$17,700.50
Hans P. Kellogg	Legacies of Perfection Auburn Cord Duesenberg	$2,060.55
Hans Sturn	The Art of the Left Hand	$1,200.00
Teresa Matlock	Child Care Collection, LLC	$895.81
Hans Sturn	The Art of the Bow	$800.00
Catherine Primmer/L. T. Faison	Weight Training for the Physical Body	$512.30
Arlene Ignico	Assessment of Fundamental Motor Skills	$239.94
Rob Bell	Mental Toughness Training for Golf	$117.49
Linda Siktberg, Ann (Burford) Bilodeau	Safe Swallowing	$79.90
Rodger Smith, Jim Connolly	Changing Gears: End of an Era	$59.90
Stanley Geidel	Hasty Legacy	$49.99
Michael Gerhard, Wes Gehring	The Many Faces of Movie Comedy	$48.90
Chin-Sook Pak	Sobrevivir	$31.90
Software		
Sherry Woosley, Donald Whitaker	MAP: On-line (Making Achievement Possible: On-line)	$372,365.72
Jason Doll, Thomas Lauer	Back-Calc (FishBC)	$205.67
Miscellaneous		
Rodger Smith	My Name is Jerry	$2,543.04
Beth Turcotte	The Circus in Winter	$393.75
Total		**$399,305.36**