



2015

## Extramural Activity Report FY 2015

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### Abstract

The Sponsored Programs Annual Reports collection contains reports for the Extramural and Intramural Activities of the Southwestern Oklahoma State University faculty and students. The collection currently covers the years 2014 - 2017. More reports will be included as they are available.

Extramural activities mean they were funded by organizations independent of SWOSU.

Intramural activities mean they were funded by SWOSU.

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# The Office of Sponsored Programs and Continuing Education

FY15  
ANNUAL REPORT



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## Foreword

It is my pleasure to present the Office of Sponsored Programs (OSP) Annual Report for fiscal year 2015. OSP compiles the information to assess progress toward University-wide goals related to sponsored research and scholarly and creative activity. The Annual Report is compiled annually and includes pertinent data on all external and intramural activity.

Although grant revenue for FY 2015 spiraled down slightly from the previous year, the report reflects an 87% increase in the number of proposals submitted, as well as an 84% increase in the amount of funding requested over last year. This increase in proposal submissions will over time lead to a higher funding level for the University. The OSP staff looks forward to working with and supporting the efforts of faculty and staff.

Congratulations to the faculty and staff for their hard work and dedication in securing and bringing these resources to our campus.

Yolanda R. Carr, Ed.D.

Director, Office of Sponsored Programs



EXTRAMURAL ACTIVITY

# EXTRAMURAL ACTIVITY SUMMARY

## SPONSORED PROGRAMS

### FY11 - FY15

	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
<b><u>Pre-Award Activity</u></b>					
Number of Proposals	76	70	72	76	87
Number of Faculty and Staff	43	36	45	49	49
Total Amount	\$11,871,242	\$11,599,037	\$8,066,052	\$7,314,992	\$8,689,841
<b><u>Extramural Awards</u></b>					
Number of Awards	52	58	61	65	66
Number of Faculty and Staff	29	27	39	37	26
Total Amount	\$7,588,313	\$7,694,717	\$6,167,539	\$6,037,985	\$5,577,565
<b><u>Funding Rate</u></b>	68%	82%	85%	83%	64%

# EXTRAMURAL AWARDS SUMMARY

## SPONSORED PROGRAMS

### FY15

#### EXTRAMURAL AWARDS BY SOURCE

	<b>Federal</b>	<b>State</b>	<b>Local</b>	<b>Foundations</b>	<b>Private</b>	<b>Total</b>
Number of Awards	28	26	3	4	5	<b>66</b>
Total Amount *	\$957,364	\$4,084,542	\$10,750	\$150,000	\$374,909	<b>\$5,577,565</b>

\* SWOSU provided matching funds directly or indirectly to 13 of the above awards in the amount of \$ 255,979.

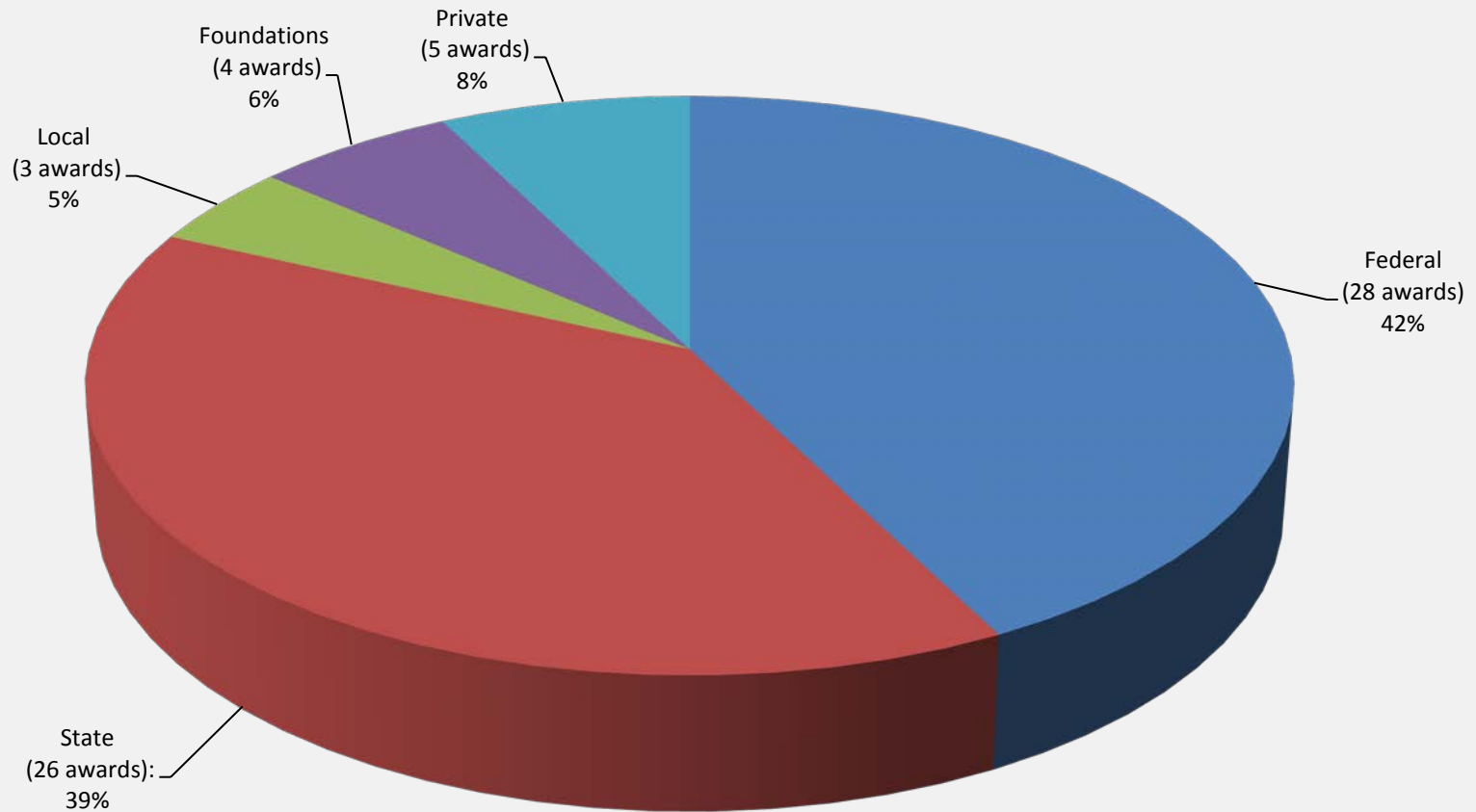
#### EXTRAMURAL AWARDS BY FUNCTION

	<b>Instruction</b>	<b>Research</b>	<b>Public Service</b>	<b>Academic Support</b>	<b>Student Services</b>	
Number of Awards	29	18	18	0	0	
Total Amount	\$1,127,309	\$442,926	\$3,987,330	\$0	\$0	
	<b>Institutional Support</b>	<b>Operation and Maintenance of Plant</b>	<b>Scholarships and Fellowships</b>	<b>General University Support</b>		<b>Total</b>
Number of Awards	0	0	0	1		<b>66</b>
Total Amount	\$0	\$0	\$0	\$20,000		<b>\$5,577,565</b>

#### EXTRAMURAL AWARDS BY DIVISION

	<b>Administration</b>	<b>College of Arts and Sciences</b>	<b>College of Professional and Graduate Studies</b>	<b>College of Pharmacy</b>	<b>College of Associate and Applied Programs—Sayre</b>	<b>Total</b>
Number of Awards	8	27	26	3	2	<b>66</b>
Total Amount	\$871,329	\$531,651	\$4,101,585	\$35,000	\$38,000	<b>\$5,577,565</b>

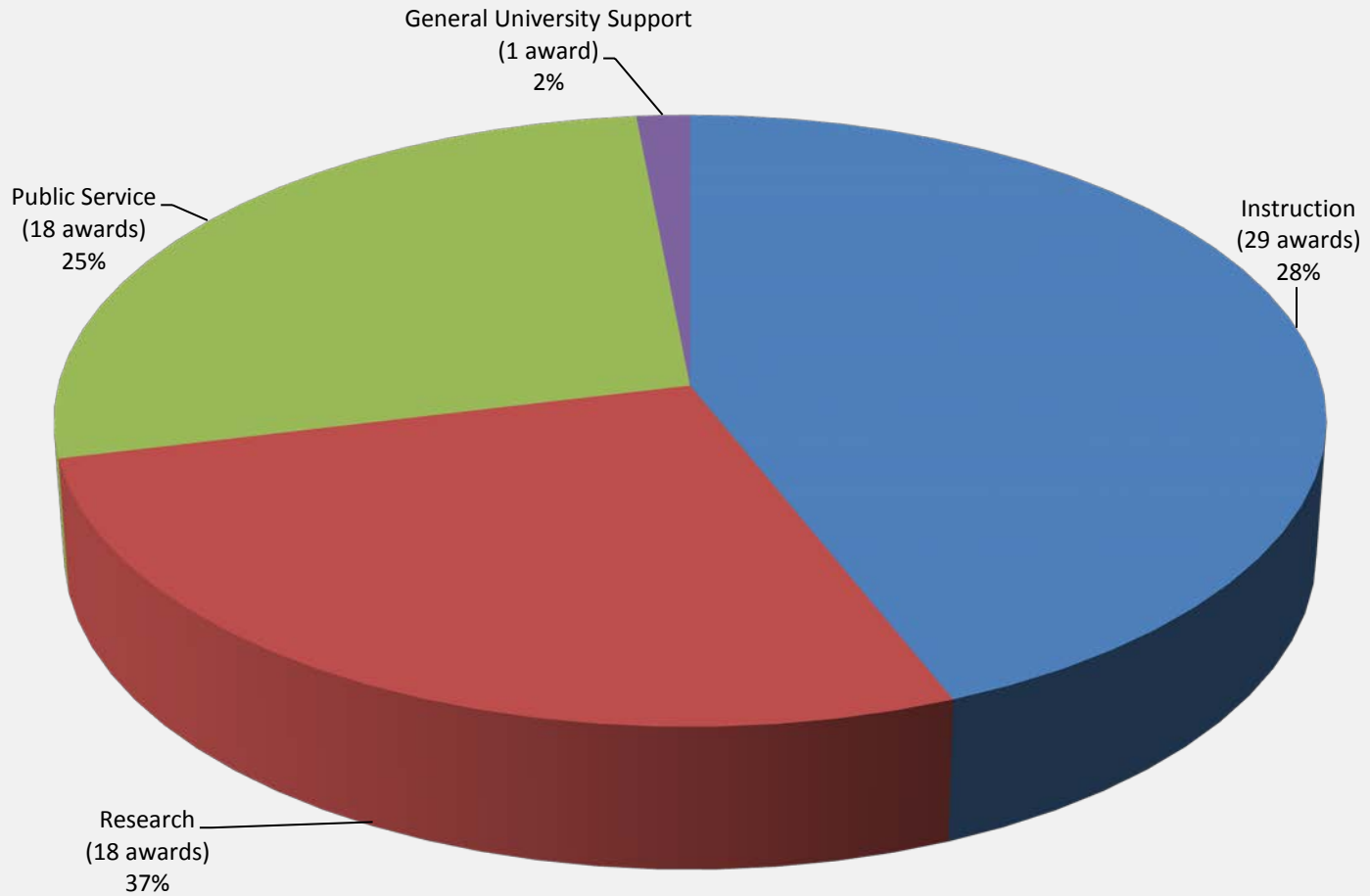
### PRIMARY SOURCES (66 AWARDS)



Federal (28 awards):	\$957,364
State (26 awards):	\$4,084,542
Local (3 awards):	\$10,750
Foundations (4 awards):	\$150,000
Private (5 awards):	\$374,909

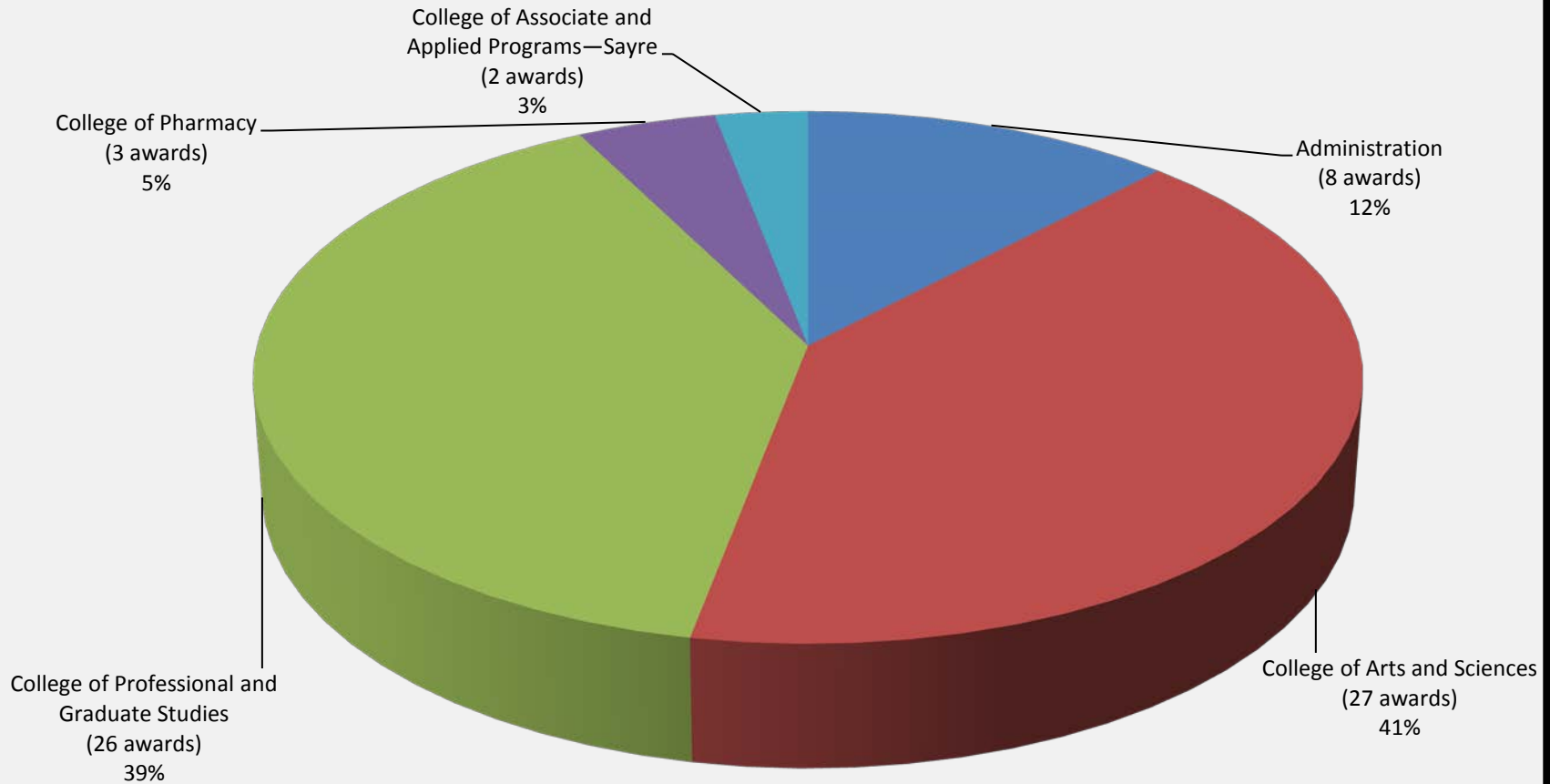


# AWARDS BY FUNCTION (66 AWARDS)



Instruction (29 awards):	\$1,127,309
Research (18 awards):	\$442,926
Public Service (18 awards):	\$3,987,330
General University Support (1 award):	\$20,000

## ACADEMIC DIVISION OF AWARDS: (66 AWARDS)



Administration (8 awards): \$871,329
College of Arts and Sciences (27 awards): \$531,651
College of Professional and Graduate Studies (26 awards): \$4,101,585
College of Pharmacy (3 awards): \$35,000
College of Associate and Applied Programs—Sayre (2 awards): \$38,000

# COLLEGE/SCHOOL/DEPARTMENT GUIDE

## COLLEGE

ADM Administration  
 CAS College of Arts and Sciences  
 COP College of Pharmacy  
 CPGS College of Professional and Graduate Studies  
 CSAY College of Associate and Applied Programs – Sayre

## SCHOOL

SAHS School of Allied Health Sciences  
 SBSE School of Behavioral Sciences and Education  
 SBT School of Business and Technology  
 SNUR School of Nursing

## SWOSU LIBRARIES

LIB Library

## COLLEGE

## SCHOOL

## DEPARTMENT

CAS N/A Art  
 N/A Biological Sciences  
 N/A Chemistry and Physics  
 N/A Communication and Theatre  
 N/A Interdisciplinary Studies  
 N/A Language and Literature  
 N/A Mathematics  
 N/A Music  
 N/A Social Sciences

COP N/A Pharmacy Practice  
 N/A Pharmaceutical Sciences

CSAY N/A Sayre

## COLLEGE

## SCHOOL

## DEPARTMENT

CPGS SAHS Athletic Training  
 SAHS Clinical Laboratory Sciences  
 SAHS Health Care Administration  
 SAHS Health Information Management  
 SBSE Education  
 SBSE Kinesiology  
 SBSE Parks and Recreation Management  
 SBSE Psychology  
 SBSE Social Work

SBT Accounting, Computer Science, & Entrepreneurship  
 SBT Industrial and Engineering Technology  
 SBT Finance, Management, and Marketing

SNUR Nursing

## FUNDING AGENCY GUIDE

EPSCoR Experimental Program to Stimulate Competitive Research  
 IDeA Institutional Development Award Program  
 INBRE IDeA Networks of Biomedical Research Excellence

# FY15 EXTRAMURAL AWARDS

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
Appeddu Gwyn	Lisa Lori	COP CAS	N/A	Pharmaceutical Sciences Chemistry and Physics	Tech Trek Camp	National Science Foundation	Oklahoma EPSCoR	\$10,000
Appeddu Gwyn	Lisa Lori	COP CAS	N/A	Pharmaceutical Sciences Chemistry and Physics	Tech Trek Camp	American Association of University Women		\$10,000
Appeddu Gwyn Albrightson Edwards Woods	Lisa Lori Cindi Jorie Kristin	COP CAS CPGS CPGS CPGS	N/A	Pharmaceutical Sciences, Chemistry and Physics, Engineering Technology, Psychology	Tech Trek at SWOSU	National Science Foundation	Oklahoma EPSCoR	\$10,500
Bagzis	Renae	CSAY	N/A	Sayre	NASA Oklahoma EPSCoR Mini-Proposal	National Aeronautics and Space Administration	Oklahoma EPSCoR	\$18,000
Barnett	Randy	CPGS	SBSE	Psychology	Strengthening Custody and Transition Service Pilot Project	Oklahoma Commission on Children and Youth		\$45,000
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - FY13 Research Implementation Grant	National Aeronautics and Space Administration	University of Oklahoma	\$5,784
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Infrastructure Grant	National Aeronautics and Space Administration	University of Oklahoma	\$3,585
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Infrastructure Grant	National Aeronautics and Space Administration	University of Oklahoma	\$3,587

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>COLLEGE</b>	<b>SCHOOL</b>	<b>DEPARTMENT</b>	<b>PROJECT TITLE</b>	<b>SPONSOR/AGENCY</b>	<b>SUBAGENCY</b>	<b>GRANT VALUE</b>
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR Research Implementation Grant, Year 2	National Aeronautics and Space Administration	University of Oklahoma	\$3,586
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Infrastructure Grant, Year 2	National Aeronautics and Space Administration	University of Oklahoma	\$1,835
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR Research Implementation Grant	National Aeronautics and Space Administration	University of Oklahoma	\$5,659
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR Research Implementation Grant	National Aeronautics and Space Administration	University of Oklahoma	\$1,795
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR Infrastructure Development Grant	National Aeronautics and Space Administration	University of Oklahoma	\$3,498
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma Space Grant Consortium - NASA Scholarships and Workforce Development	National Aeronautics and Space Administration	University of Oklahoma	\$16,315
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma Space Grant Consortium - NASA Scholarships and Workforce Development (Continuation)	National Aeronautics and Space Administration	University of Oklahoma	\$16,315
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma Space Grant Consortium - NASA Partnership with Community Colleges	National Aeronautics and Space Administration	University of Oklahoma	\$22,618

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Implementation Grant (Teeters)	National Aeronautics and Space Administration	University of Oklahoma	\$3,761
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Implementation Grant, Year 3	National Aeronautics and Space Administration	University of Oklahoma	\$5,515
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Infrastructure Development Grant, Year 3	National Aeronautics and Space Administration	University of Oklahoma	\$5,514
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Infrastructure Development Grant, Year 3	National Aeronautics and Space Administration	University of Oklahoma	\$5,516
Boyd Belanger	Ruth Bruce	CPGS	SBSE	Education	Novice Teacher Mentoring Program	Oklahoma State Regents for Higher Education	Oklahoma Commission for Teacher Preparation	\$60,000
Campbell Esjornson	Brian David	CAS	N/A	Chemistry and Physics	Summer Science and Mathematics Academy (2014)	Oklahoma State Regents for Higher Education		\$33,000
Campbell Esjornson	Brian David	CAS	N/A	Chemistry and Physics	Summer Science and Mathematics Academy (2015)	Oklahoma State Regents for Higher Education		\$33,000
Fitzgerald	Brad	CPGS	SBT	Engineering Technology	FIRST Tech Challenge (FTC) Robotics	City of Weatherford, Hotel-Motel Tax Advisory Committee		\$5,000
Fitzgerald	Brad	CPGS	SBT	Engineering Technology	Oklahoma FTC Robotics Championship 2015	City of Weatherford, Hotel-Motel Tax Advisory Committee		\$3,750

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>COLLEGE</b>	<b>SCHOOL</b>	<b>DEPARTMENT</b>	<b>PROJECT TITLE</b>	<b>SPONSOR/AGENCY</b>	<b>SUBAGENCY</b>	<b>GRANT VALUE</b>
Gwyn	Lori	CAS	N/A	Chemistry and Physics	Equipment for Synthetic Biology Lab Module	GMAT/National Science Foundation		\$12,000
Gwyn	Lori	CAS	N/A	Chemistry and Physics	Travel to Ames Research Center	National Aeronautics and Space Administration	OK NASA Space Grant Consortium	\$3,000
Holgado	Andrea	CAS	N/A	Biological Sciences	Oklahoma INBRE Undergraduate Summer Research Program: Analysis of Autophagy in Neurons	Oklahoma State Regents for Higher Education		\$2,200
Holgado	Andrea	CAS	N/A	Biological Sciences	Analysis of Autophagy in the Developing Nervous System	National Institutes of Health	University of Oklahoma	\$32,448
Holgado	Andrea	CAS	N/A	Biological Sciences	Evaluating Effects of Silver Nanoparticles on Neuronal Signaling in <i>C. elegans</i>	National Science Foundation	Oklahoma EPSCoR	\$12,143
Holgado	Andrea	CAS	N/A	Biological Sciences	Analysis of Autophagy in the Developing Nervous System	National Institutes of Health	University of Oklahoma	\$25,000
Holgado	Andrea	CAS	N/A	Biological Sciences	Analysis of Autophagy in Neurons	University of Oklahoma Health Sciences Center		\$2,200
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology (Phase IV, Year 5)	National Science Foundation	Oklahoma State University	\$15,600

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>COLLEGE</b>	<b>SCHOOL</b>	<b>DEPARTMENT</b>	<b>PROJECT TITLE</b>	<b>SPONSOR/AGENCY</b>	<b>SUBAGENCY</b>	<b>GRANT VALUE</b>
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Henry Dreyfus Teacher-Scholar Award for 2012	The Camille & Henry Dreyfus Foundation, Inc.		\$60,000
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Dual CXCR4/CCR5 Chemokine Receptor Antagonists	Oklahoma Center for the Advancement of Science and Technology (OCAST)		\$45,000
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Novel Topologically Constrained Transition Metal Complex Oxidation Catalysts	American Chemical Society Petroleum Research Fund		\$65,000
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Synergistic Inhibition of Cancer Metastasis by IL-24 and Small Molecule CXCR4 Antagonists	University of Oklahoma Health Sciences Center	Stephenson Cancer Center	\$25,000
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Oklahoma INBRE Undergraduate Summer Research Program: Transition Metal Complex Dual CXCR4/CCR5 Antagonists	National Institutes of Health	University of Oklahoma Health Sciences Center/ Oklahoma State Regents for Higher Education	\$2,200
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Synergistic Inhibition of Cancer Metastasis by IL-24 and Small Molecule CXCR4 Antagonists	Oklahoma State Regents for Higher Education		\$19,535
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Elemental Analyzer to Support Synthetic Chemistry at SWOSU	National Institutes of Health	University of Oklahoma Health Sciences Center	\$35,000



<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>COLLEGE</b>	<b>SCHOOL</b>	<b>DEPARTMENT</b>	<b>PROJECT TITLE</b>	<b>SPONSOR/AGENCY</b>	<b>SUBAGENCY</b>	<b>GRANT VALUE</b>
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology, Year 5	National Science Foundation	Oklahoma State University	\$19,825
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Hull Postdoctoral Support	The University of Hull		\$10,000
Hubin	Timothy	CAS	N/A	Chemistry and Physics	INBRE Summer Student	University of Oklahoma		\$2,200
Jeong	E.K.	CAS	N/A	Art. Communication and Theatre	Visiting Artist Program	Oklahoma Arts Council		\$2,400
Kelly	William	CAS	N/A	Chemistry and Physics	Oklahoma INBRE Carryover Equipment Grant (2014)	National Institutes of Health	University of Oklahoma Health Sciences Center	\$25,000
Kelly	William	CAS	N/A	Chemistry and Physics	Oklahoma INBRE Carryover Equipment Grant (2015)	National Institutes of Health	University of Oklahoma Health Sciences Center	\$25,000
Khan	Faruk	COP	N/A	Pharmaceutical Sciences	SWOSU/University of Dhaka Academic/Research Exchange Program	UniMed & UniHealth Manufacturers, Ltd.		\$10,000
Lumpkin	Brenda	CPGS	N/A	N/A	SWOSU Adventure Programs — Child Nutrition Program FY14	U. S. Department of Agriculture	Oklahoma State Department of Education	\$136,000

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>COLLEGE</b>	<b>SCHOOL</b>	<b>DEPARTMENT</b>	<b>PROJECT TITLE</b>	<b>SPONSOR/AGENCY</b>	<b>SUBAGENCY</b>	<b>GRANT VALUE</b>
Mann	Henrietta	ADM	N/A	N/A	Cheyenne and Arapaho Tribal College	Cheyenne and Arapaho Tribal Board		\$100,000
Mann	Henrietta	ADM	N/A	N/A	Cheyenne and Arapaho Tribal College	Cheyenne and Arapaho Tribal Board		\$234,909
Manning Billey	Sherron Terry	CSAY	N/A	Sayre	Patterson Field House Bleacher Refurbishment	Midwestern Oklahoma Development Authority		\$20,000
Misak	Doug	ADM	N/A	Center for Economic and Business Development	University Center	U. S. Department of Commerce	Economic Development Administration	\$102,590
Misak	Doug	ADM	N/A	Center for Economic and Business Development	Southwest Oklahoma Impact Coalition	Southwest Oklahoma Impact Coalition		\$44,668
Misak	Doug	ADM	N/A	Center for Economic and Business Development	Partnership Recognition Program FY15	Oklahoma State Regents of Higher Education		\$500
Novey	Jamie	ADM	N/A	Upward Bound	Upward Bound Program	U. S. Department of Education		\$378,592
Novey	Jamie	ADM	N/A	Upward Bound	Summer Food Services Program for Children	U. S. Department of Agriculture	State Department of Education	\$10,070
Rose	Ken	CPGS	N/A	N/A	Cedar Canyon Adventure Program	State of Oklahoma Office of Juvenile Affairs		\$865,488
Rose	Ken	CPGS	N/A	N/A	Foss Lake Adventure Program	State of Oklahoma Office of Juvenile Affairs		\$865,488

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
Rose	Ken	CPGS	N/A	N/A	Lawton Adventure Program	State of Oklahoma Office of Juvenile Affairs		\$865,488
Rose	Ken	CPGS	N/A	N/A	Butler Skills Development Center	State of Oklahoma Office of Juvenile Affairs		\$865,488
Rose	Ken	CPGS	N/A	N/A	SWOSU Skills Center - Butler	State of Oklahoma Office of Juvenile Affairs		\$100,000
Rose	Ken	CPGS	N/A	N/A	SWOSU Skills Center - Cedar Canyon	State of Oklahoma Office of Juvenile Affairs		\$50,000
Tirk	Richard	CAS	N/A	Music	45th Annual SWOSU Jazz Festival	City of Weatherford, Hotel-Motel Tax Advisory Committee		\$2,000
Tirk	Richard	CAS	N/A	Music	45th Annual SWOSU Jazz Festival	Oklahoma Arts Council		\$2,400
Williams	Nancy	COP	N/A	Pharmacy Practice	NACDS Community Pharmacy Residency Expansion Project	National Association of Chain Drug Stores (NACDS) Foundation		\$15,000
Woods	John	CAS	N/A	N/A	KESAM 2015: A Hands-on, Brains-on Journey of Excellence	U. S. Department of Education	Oklahoma State Regents for Higher Education	\$135,000
<b>TOTAL GRANT VALUE:</b>								<b>\$5,577,565</b>

# FY15 SWOSU MATCHING SUPPORT

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE	SWOSU CASH MATCH	SWOSU INDIRECT
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - FY13 Research Implementation Grant	National Aeronautics and Space Administration	University of Oklahoma	\$5,784	\$0	\$5,206
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - FY14 Research Implementation Grant Year 2	National Aeronautics and Space Administration	University of Oklahoma	\$3,586	\$0	\$3,227
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - FY14 Research Implementation Grant	National Aeronautics and Space Administration	University of Oklahoma	\$5,659	\$0	\$2,546
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - FY14 Research Implementation Grant	National Aeronautics and Space Administration	University of Oklahoma	\$1,795	\$0	\$808
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - FY14 Research Infrastructure Grant	National Aeronautics and Space Administration	University of Oklahoma	\$3,498	\$0	\$2,192
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma Space Grant Consortium - NASA Scholarships and Workforce Development	National Aeronautics and Space Administration	University of Oklahoma	\$16,315	\$9,020	\$7,295

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE	SWOSU CASH MATCH	SWOSU INDIRECT
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma Space Grant Consortium - NASA Scholarships and Workforce Development	National Aeronautics and Space Administration	University of Oklahoma	\$16,315	\$9,020	\$7,295
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Implementation Grant (Teeters)	National Aeronautics and Space Administration	University of Oklahoma	\$3,761	\$0	\$867
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Implementation Grant Year 3	National Aeronautics and Space Administration	University of Oklahoma	\$5,515	\$0	\$4,963
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Infrastructure Development Grant Year 3	National Aeronautics and Space Administration	University of Oklahoma	\$5,514	\$4,122	\$4,335
Baughner	Madeline	CPGS	SBT	Business and Computer Science	Oklahoma NASA EPSCoR - Research Infrastructure Development Grant Year 3	National Aeronautics and Space Administration	University of Oklahoma	5,516	\$0	\$2,481
Campbell Esjornson	Brian David	CAS	N/A	Chemistry and Physics	Summer Science and Mathematics Academy (2014)	Oklahoma State Regents for Higher Education		\$33,000	\$5,000	\$0
Campbell Esjornson	Brian David	CAS	N/A	Chemistry and Physics	Summer Science and Mathematics Academy (2014)	Oklahoma State Regents for Higher Education		\$ 33,000	\$5,000	\$0

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE	SWOSU CASH MATCH	SWOSU INDIRECT
Hubin	Timothy	CAS	N/A	Chemistry and Physics	Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology (Phase V)	National Science Foundation	Oklahoma State University	\$19,825	\$5,895	\$1,395
Jeong	EK	CAS	N/A	Arts, Communication and Theatre	Visiting Artist Program	Oklahoma Arts Council		\$2,400	\$5,000	\$0
Manning	Sherron	CSAY	N/A	Sayre	Patterson Field House Bleacher Refurbishment	Midwestern Oklahoma Development Authority (MODA)		\$20,000	\$50,722	\$0
Misak	Doug	ADM	N/A	Center for Economic and Business Development	SWOSU University Center	U. S. Department of Commerce	Economic Development Administration	\$102,590	\$102,590	\$0
Misak	Doug	ADM	N/A	Center for Economic and Business Development	Partnership Recognition Program FY15	Oklahoma State Regents for Higher Education		\$500	\$500	\$0
Tirk	Richard	CAS	N/A	Music	45th Annual SWOSU Jazz Festival	Oklahoma Arts Council		\$2,400	\$0	\$6,500
Woods	John	CAS	N/A	Mathematics	KESAM SP 2015: A Hands-on, Brains-On Journey of Excellence	U.S. Department of Education	Oklahoma State Regents for Higher Education	\$137,000	\$10,000	\$0
<b>TOTALS:</b>								<u>\$423,973</u>	<u>\$206,869</u>	<u>\$49,110</u>
<b>SWOSU SUPPORT GRAND TOTAL:</b>										<u><u>\$255,979</u></u>

# FY15 FACILITIES AND ADMINISTRATIVE (F&A) COSTS AWARDED

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE	F&A COSTS AWARDED
Barnett	Randy	CPGS	SBSE	Psychology	Strengthening Custody and Transition Service Pilot Project	Oklahoma Commission on Children and Youth		\$45,000	\$12,682
Baughner	Madeline	CPGS		Business and Computer Science	Oklahoma Space Grant Consortium - NASA Scholarships and Workforce Development	National Aeronautics and Space Administration	University of Oklahoma	\$22,618	\$3,325
Holgado	Andrea	CAS	N/A	Biological Sciences	Analysis of Autophagy in the Developing Nervous System	National Institutes of Health	University of Oklahoma Health Sciences Center	\$32,448	\$7,448
Holgado	Andrea	CAS	N/A	Biological Sciences	Evaluating Effects of Silver Nanoparticles on Neuronal Signaling in C. elegans	National Science Foundation	Oklahoma EPSCoR	\$12,143	\$2,993
Mann	Henrietta	ADM	N/A	Cheyenne and Arapaho Tribal College	Cheyenne and Arapaho Tribal College	Cheyenne and Arapaho Tribal Board		\$100,000	\$30,983
Mann	Henrietta	ADM	N/A	Cheyenne and Arapaho Tribal College	Cheyenne and Arapaho Tribal College	Cheyenne and Arapaho Tribal Board		\$234,908	\$72,000
Misak	Doug	ADM	N/A	Center for Economic and Business Development	SWOSU University Center	U. S. Department of Commerce	Economic Development Administration	\$102,590	\$20,103

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE	F&A COSTS AWARDED
Novey	Jamie	ADM	N/A	Upward Bound	Upward Bound	U.S. Department of Education		\$358,792	\$23,268
Rose	Ken	CPGS	N/A	N/A	Butler Skills Development Center	State of Oklahoma Office of Juvenile Affairs		\$865,488	\$100,669
Rose	Ken	CPGS	N/A	N/A	Cedar Canyon Adventure Program	State of Oklahoma Office of Juvenile Affairs		\$865,488	\$100,010
Rose	Ken	CPGS	N/A	N/A	Foss Lake Adventure Program	State of Oklahoma Office of Juvenile Affairs		\$865,488	\$107,780
Rose	Ken	CPGS	N/A	N/A	Lawton Adventure Program	State of Oklahoma Office of Juvenile Affairs		\$864,320	\$97,705
Woods	John	CAS	N/A	Mathematics	KESAM SP 2015: A Hands-on, Brains-On Journey of Excellence	U. S. Department of Education	Oklahoma State Regents for Higher Education	\$135,000	\$9,259

**TOTALS:**

**\$4,504,283**

**\$588,225**



## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **OKLAHOMA EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR)** awarded a grant in the amount of \$10,000 for the program, *Tech Trek Camp*, to assist in the funding of the second year of the week-long summer math and science camp for girls. The long-term goal of the camp is designed to increase participation in science, technology, engineering, and mathematics (STEM). The primary function of the award is instruction. The principal investigators are **Dr. Lisa Appeddu and Dr. Lori Gwyn**.

The **AMERICAN ASSOCIATION OF UNIVERSITY WOMEN** awarded a grant in the amount of \$10,000 for the *Tech Trek Summer Math and Science Camp*. The long-term goal of the camp for eighth grade girls is designed to increase participation in science, technology, engineering, and mathematics (STEM). The camp will take place in the summer of 2015. The primary function of the award is instruction. The principal investigators of the grant are **Dr. Lisa Appeddu and Dr. Lori Gwyn**.

The **NATIONAL SCIENCE FOUNDATION**, through **OKLAHOMA EPSCoR**, awarded a grant in the amount of \$10,500 for the *Tech Trek Summer Math and Science Camp for Eighth Grade Girls*. Tech Trek at SWOSU is a math and science camp with the goal of exciting and increasing awareness of STEM careers for girls entering the eighth grade. Students spend a week on the campus of SWOSU in Weatherford and engage in hands-on STEM activities, take field trips to local STEM related venues, and interact with a multitude of STEM role models. The primary function of the award is instruction. The principal investigators of the grant are **Dr. Lisa Appeddu, Dr. Lori Gwyn, Ms. Cindi Albrightson, Dr. Jorie Edwards, and Ms. Kristin Woods**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a sub-award in the amount of \$18,000 for the project, *NASA Oklahoma EPSCoR Mini-Proposal*. This award supports activities on the campus of Southwestern Oklahoma State University - Sayre Campus within the NASA programmatic areas for NASA EPSCoR. This project will assist to fulfill the goals of the Research Infrastructure Development grant and will contribute to the geographic and minority diversity priority Dr. John Holdren articulated at the EPSCoR Workshop. The primary function of the grant is instruction. The principal investigator of the grant is **Ms. Renae Bagzis**.

The **OKLAHOMA COMMISSION ON CHILDREN AND YOUTH** awarded a contract titled *Strengthening Custody and Transition Service Pilot Project* in the amount of \$45,000. Through this contract, SWOSU provides a Team Leader and Evaluator for the Self-Study Program Improvement Pilot Projects for the Oklahoma State Plan for Services to Children and Youth. The primary function of this award is public service. The principal investigator of the contract is **Dr. Randy Barnett**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a sub-award to SWOSU under the *Oklahoma NASA EPSCoR - FY13 Research Implementation Grant* in the amount of \$5,784. This funding will support the work of Madeline Baugher to provide longitudinal tracking of student interns and related work for the project. The primary function of the award is research. The principal investigator is **Ms. Madeline Baugher**.

## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a subaward to SWOSU under the *Oklahoma NASA EPSCoR - Research Infrastructure Grant* in the amount of \$3,585. This funding will provide logistical support for workshops. The primary function of the award is research. The principal investigator is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant in the amount of \$3,587 for year two for the project, *Oklahoma NASA EPSCoR - Research Infrastructure Grant FY13*. The funds will assist Ms. Baugher to coordinate the annual statewide travel grant solicitations, research initiation grant solicitations, and research implementation grant solicitations. She will also be responsible for longitudinal tracking and producing reports required by NASA headquarters. The primary function of the grant is research. The principal investigator of the grant is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a subaward to SWOSU under the *Oklahoma NASA EPSCoR - FY13 Research Implementation Grant, Year 2*, in the amount of \$3,586. This funding will support the work of Madeline Baugher to provide longitudinal tracking of student interns, and related work for the project. The primary function of the award is research. The principal investigator is **Ms. Madeline Baugher**.

The **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a sub-award to SWOSU under the *Oklahoma NASA EPSCoR - FY13 Research Implementation Grant* in the amount of \$1,835. This funding will support the work of Madeline Baugher to provide longitudinal tracking of student interns and related work for the project. The primary function of the award is research. The principal investigator is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant modification in the amount of \$5,659 for three years for the project, *Oklahoma NASA EPSCoR - Research Implementation Grant FY14*. The funds will assist Ms. Baugher to continue support for researchers and students involved in NASA programs. The primary function of the grant is research. The principal investigator of the grant is **Ms. Madeline Baugher**.

The **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a subaward to SWOSU under the *Oklahoma NASA EPSCoR—FY14 Research Implementation Grant* in the amount of \$1,795. This funding will support the work of Madeline Baugher to provide longitudinal tracking of student interns, and related work for the project. The primary function of the award is research. The principal investigator is **Ms. Madeline Baugher**.

## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant in the amount of \$3,498 for the project, *Oklahoma NASA EPSCoR - Research Infrastructure Development Grant*. Ms. Baugher will be responsible for all logistics pertaining to the NASA EPSCoR Workshops to be held on campuses across the state. She will also be responsible for longitudinal tracking of student interns and gathering quantitative data. The primary function of the grant is research. The principal investigator of the grant is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION** through the **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification in the amount of \$16,315 for the project, *Oklahoma Space Grant Consortium – NASA Scholarships and Workforce Development*. This modification supports the salary of the Project Coordinator who serves as the point of contact for SOLAR and gathers longitudinal tracking data on students participating in the program. The primary function of the modification is instruction. The principal investigator of the modification is **Ms. Madeline Baugher**.

The **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification in the amount of \$16,315 for year four for the project, *Oklahoma Space Grant Consortium – NASA Scholarships and Workforce Development*. These funds will help Ms. Baugher to continue support for researchers and students involved in NASA programs. The primary function of the grant is instruction. The principal investigator of the grant is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant in the amount of \$22,618 for the project, *Project u r NASA*. The funds will assist Ms. Baugher will be responsible for longitudinal tracking of students from Redlands Community College and Tulsa Community College to measure student continuity in STEM fields. She will also assist the Program Director in gathering data for annual reports to NASA. The primary function of the grant is instruction. The principal investigator of the grant is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant in the amount of \$3,761 for year two for the project, *Oklahoma NASA EPSCoR - Research Implementation Grant FY14*. Ms. Baugher will be responsible for longitudinal tracking of student interns, gathering quantitative data from the researcher team for the annual progress report, and assisting the Director in the preparation of the report. The primary function of the grant is research. The principal investigator of the grant is **Ms. Madeline Baugher**.

The **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification in the amount of \$5,515 for year three of the *Oklahoma NASA EPSCoR-Research Implementation Grant*. The funds will assist Ms. Baugher to continue support for researchers and students involved in NASA programs. The primary function of the grant is research. The principal investigator of the grant is **Ms. Madeline Baugher**.

## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a subaward in the amount of \$5,514 for year three for the project, *Oklahoma NASA EPSCoR - FY14 Research Infrastructure Development Grant*. The funds will assist Ms. Baugher to continue support for researchers and students involved in NASA programs. The primary function of the grant is instruction. The principal investigator of the grant is **Ms. Madeline Baugher**.

The **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a subaward for year three to SWOSU under the *Oklahoma NASA EPSCoR—FY14 Research Infrastructure Development Grant* in the amount of \$5,516. This funding will support the work of Madeline Baugher to provide longitudinal tracking of student interns, and related work for the project. The primary function of the award is research. The principal investigator is **Ms. Madeline Baugher**.

The **OKLAHOMA COMMISSION FOR TEACHER PREPARATION** and **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$60,000 for the project, *Novice Teacher Mentoring Program*. These funds provide support and resources for an educator preparation program and to design and pilot an induction model. The primary function of the grant is instruction. The principal investigators are **Dr. Ruth Boyd** and **Mr. Bruce Belanger**.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$33,000 to fund the *Summer Science and Mathematics Academy* for 2013. The grant supports a summer academy program for underrepresented high school juniors and seniors to experience a relationship between STEM disciplines. The primary function of the award is instruction. The principal investigators are **Dr. Brian Campbell** and **Dr. David Esjornson**.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$33,000 to fund the *Summer Science and Mathematics Academy* for 2014. The grant supports a summer academy program for underrepresented high school juniors and seniors to experience a relationship between STEM disciplines. The primary function of the award is instruction. The principal investigators are **Dr. Brian Campbell** and **Dr. David Esjornson**.

The **CITY OF WEATHERFORD, HOTEL-MOTEL TAX ADVISORY COMMITTEE** awarded a grant for *FIRST Tech Challenge (FTC) Robotics* in the amount of \$5,000 for up to five Train the Mentor workshops. These funds will support the robotics program at Southwestern Oklahoma State University by helping to create 60 teams from across Oklahoma that will participate in robotics competitions. The primary function of this award is public service. The principal investigator is **Mr. Brad Fitzgerald**.

## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **CITY OF WEATHERFORD, HOTEL-MOTEL ADVISORY COMMITTEE** awarded a grant in the amount of \$3,750 for the *2015 Oklahoma Regional FTC Robotics Championship*. During the Championship, more than 36 high school teams from across the state will qualify to compete in the World FTC Championship. The primary function of this award is public service. The principal investigator of the grant is **Mr. Brad Fitzgerald**.

The **NATIONAL SCIENCE FOUNDATION** through **DAVIDSON COLLEGE** awarded a grant in the amount of \$12,000 for the project, *Equipment for Synthetic Biology Lab Module*. This grant supports the purchase of equipment that will provide students with an opportunity to learn basic principles of nucleic acid chemistry analysis while applying this knowledge to a new application of DNA technology. The primary function of the grant is instruction. The principal investigator of the grant is **Dr. Lori Gwyn**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION** through the **UNIVERSITY OF OKLAHOMA** awarded a grant in the amount of \$3,000 for the project, *Travel to Ames Research Center*. The grant supports travel by faculty and students to visit the Ames Research Center to meet with multiple biochemists and synthetic biologists and learn more about research initiatives at NASA. The primary function of the grant is research. The principal investigator of the grant is **Dr. Lori Gwyn**.

The **OKLAHOMA STATE REGENTS OF HIGHER EDUCATION** awarded a grant in the amount of \$2,200 for the project, *Oklahoma INBRE Undergraduate Summer Research Program: Analysis of Autophagy in Neurons*. These funds will assist Dr. Holgado to mentor a SWOSU undergraduate student through summer research. The primary function of the award is research. The principal investigator is **Dr. Andrea Holgado**.

The **NATIONAL INSTITUTES OF HEALTH**, through the **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, awarded a grant in the amount of \$32,448 for the project, *Analysis of Autophagy in the Developing Nervous System*. This funding will be used to decipher the role of Autophagy in the Nervous System. Research findings from this grant may enhance understanding of two fundamental processes: neurodevelopment and neuroplasticity. The primary function of the grant is research. The principal investigator is **Dr. Andrea Holgado**.

The **OKLAHOMA EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR)**, through **OKLAHOMA STATE UNIVERSITY**, awarded a grant in the amount of \$12,143 for the project, *Evaluating Effects of Silver Nanoparticles on Neuronal Signaling in C. Elegans*. This grant supports basic science research using silver nanoparticles and characterizing their comparative effects using the *C. elegans* model. The primary function of the grant is research. The principal investigator is **Dr. Andrea Holgado**.

## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL INSTITUTES OF HEALTH** through the **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant in the amount of \$25,000 for the project, *Analysis of autophagy in the developing nervous system*. This grant supports the research to elucidate the molecular mechanism underlying synaptic function in health and disease. The primary function of the grant is research. The principal investigator of the grant is **Dr. Andrea Holgado**.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$2,200 for the project, *Oklahoma INBRE Undergraduate Summer Research Program: Analysis of Autophagy in Neurons*. The funds will assist Dr. Holgado in mentoring a SWOSU undergraduate student through summer research. The primary function of the grant is research. The principal investigator of the grant is **Dr. Andrea Holgado**.

The **NATIONAL SCIENCE FOUNDATION**, through **OKLAHOMA STATE UNIVERSITY**, awarded a grant in the amount of \$15,600 to fund the project, *Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology (Phase IV, Year 5)*. This grant supports efforts to recruit minority students to pursue degrees in the science, mathematics, engineering, and technology fields. The primary function of this award is research. The principal investigator is **Dr. Timothy Hubin**.

The **CAMILLE & HENRY DREYFUS FOUNDATION, INC.** awarded the *Henry Dreyfus Teacher-Scholar Award for 2012* in the amount of \$60,000. These funds will support aspects of Dr. Hubin's cancer and HIV research, which is done in collaboration with researchers in Great Britain and Belgium. The primary function of the award is research. The principal investigator is **Dr. Timothy Hubin**.

The **OKLAHOMA CENTER FOR THE ADVANCEMENT OF SCIENCE AND TECHNOLOGY** awarded a grant in the amount of \$45,000 for the project, *Dual CXCR4/CCR5 Chemokine Receptor Antagonists*. This grant supports basic research to design, synthesize, and characterize novel transition metal complexes of modified tetraazamacrocycles for collaborators to evaluate both the CXCR4 and CCR5 in previously developed cell lines. The primary function of the award is research. The principal investigator of the grant is **Dr. Tim Hubin**.

The **AMERICAN CHEMICAL SOCIETY PETROLEUM RESEARCH FUND** awarded a grant in the amount of \$65,000 for the project, *Novel Topologically Constrained Transition Metal Complex Oxidation Catalysts*. This grant supports the fundamental research of transition metal compounds of topologically constrained oxidation catalysts. Undergraduate chemistry students will also receive mentorship through this research experience. The primary function of the award is research. The principal investigator of the grant is **Dr. Timothy Hubin**.

The **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, through the **STEPHENSON CANCER CENTER**, awarded a grant in the amount of \$25,000 for the project, *Synergistic Inhibition of Cancer Metastasis by IL-24 and Small Molecule CXCR4 Antagonists*. This grant supports basic science research in the study of potential HIV and Cancer drugs. The primary function of the award is research. The principal investigator is **Dr. Timothy Hubin**.

## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **OKLAHOMA REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$2,200 for the project, *Oklahoma INBRE Undergraduate Summer Research Program: Transition Metal Complex Dual CXCR4/CCR5 Antagonists*. These funds will help Dr. Hubin to mentor a SWOSU undergraduate student through the research of CXCR4/CCR5 antagonists. The primary function of this award is research. The principal investigator of the grant is **Dr. Timothy Hubin**.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$19,535 for the project, *Synergistic Inhibition of Cancer Metastasis by IL-24 and Small Molecule CXCR4 Antagonists*. This grant supports basic science research in the study of potential HIV and Cancer drugs. The primary function of the grant is research. The principal investigator is **Dr. Timothy Hubin**.

The **NATIONAL INSTITUTES OF HEALTH**, through the **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, awarded a grant in the amount of \$35,000 for the project, *Elemental Analyzer to Support Synthetic Chemistry at SWOSU*. This grant supports the purchase and installation of an Elemental Analyzer instrument at SWOSU to provide in-house elemental analysis to determine and/or prove the purity of newly synthesized compounds. The primary function of the grant is research and instruction. The principal investigator of the grant is Dr. Tim Hubin.

The **NATIONAL SCIENCE FOUNDATION**, through **OKLAHOMA STATE UNIVERSITY**, awarded a grant in the amount of \$19,825 for year 5 of the project, *Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology*. The program at SWOSU is designed to address the underrepresented minority students pursuing advanced degrees in science, mathematics, engineering, and technology. The primary function of the award is research. The principal investigator of the grant is **Dr. Tim Hubin**.

The **UNIVERSITY OF HULL** awarded a contract in the amount of \$10,000 for the project, *Hull Postdoctoral Support*. The funds will be used to support expenses in Dr. Tim Hubin's lab for the research he will conduct with the Postdoc student from the University of Hull. The primary function of the contract is research. The principal investigator of the contract is **Dr. Tim Hubin**.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$2,200 for the project, *Oklahoma INBRE Undergraduate Summer Research Program: INBRE Summer Student*. The grant will assist Dr. Hubin to mentor a SWOSU undergraduate student through summer research of CXCR4 and CCR5 antagonists. The primary function of the award is research. The principal investigator of the grant is **Dr. Tim Hubin**.

The **OKLAHOMA ARTS COUNCIL** awarded a grant in the amount of \$2,400 for the project, *SWOSU Visiting Artist Program*. This grant will assist in providing western Oklahoma communities access to exhibitions, gallery talks, and workshops. Individuals will have an opportunity to meet with visiting artists for discussions on artistic styles and visual arts. The primary function of the grant is public service. The principal investigators of the grant are **Dr. E. K. Jeong and Dr. Kevin Collins**.

## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL INSTITUTES OF HEALTH** through the **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER** awarded a grant in the amount of \$25,000 for the project, *2014 Oklahoma INBRE carryforward equipment funds support*. The funds will be used to purchase equipment for the Genetics/Molecular Biology Lab. The new equipment will offer the students an opportunity to practice technique and analyze lab results for environmental and diagnostic PCR-based experiment. The primary function of the grant is research. The principal investigator of the grant is **Dr. William Kelly**.

The **NATIONAL INSTITUTES OF HEALTH** through the **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER** awarded a grant in the amount of \$25,000 for the project, *2015 Oklahoma INBRE Carryforward Equipment Funds Support*. The funds will be used to purchase equipment for the Genetics/Molecular Biology Lab. The new equipment will offer the students an opportunity to practice technique and analyze lab results for environmental and diagnostic PCR-based experiment. The primary function of the grant is research. The principal investigator of the grant is **Dr. William Kelly**.

The **UNIVERSITY OF DHAKA** through the **UNIMED & UNIHEALTH MANUFACTURERS LTD** awarded a contract in the amount of \$10,000 for the project, *SWOSU/University of Dhaka Academic/Research Exchange Program*. This contract will support collaboration between SWOSU and the University of Dhaka in training graduate exchange students, as well as the faculty in the science of reverse engineering and multi-stage organic synthesis techniques. The primary function of the contract is research. The principal investigator of the contract is **Dr. Faruk Khan**.

The **U.S. DEPARTMENT OF AGRICULTURE**, through the **OKLAHOMA STATE DEPARTMENT OF EDUCATION**, renewed the *SWOSU Adventure Programs—Child Nutrition Program* grant for fiscal year 2015 in the amount of \$136,000. This grant supports nutritional costs for participants of the residential program for youth, housed as part of the SWOSU Adventure Programs. The primary function of the award is public service. The principal investigator is **Ms. Brenda Lumpkin**.

The **CHEYENNE AND ARAPAHO TRIBAL BOARD** has awarded a cooperative agreement titled, *Cheyenne and Arapaho Tribal College (CATC)*, in the amount of \$100,000. The cooperative agreement with SWOSU, in part, supports the administrative and accounting processes for the two-year tribal college on the campus of Southwestern Oklahoma State University (SWOSU). CATC provides quality education experiences to Native American students. The primary function of this award is public service. The principal investigator of the cooperative agreement is **Dr. Henrietta Mann**.

The **CHEYENNE AND ARAPAHO TRIBAL BOARD** awarded \$234,909, pursuant to a cooperative agreement between Southwestern Oklahoma State University and the Cheyenne and Arapaho Tribal College. This cooperative agreement with the University, in part, supports the administrative and accounting processes for the two-year tribal college on the campus. The primary function of this award is public service. The principal investigator of the cooperative agreement is **Dr. Henrietta Mann**.



## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **MIDWESTERN OKLAHOMA DEVELOPMENT AUTHORITY** awarded a grant in the amount of \$20,000 to fund the *Patterson Field House Bleacher Refurbishment*. These funds will allow the SWOSU – Sayre campus to update the bleachers of the Patterson Field House. The existing seat boards will also be replaced, hand rails will be installed, and ADA compliant sections will be added. The primary function of the grant is general university support. The principal investigators of the grant are **Ms. Sherron Manning** and **Ms. Terry Billey**.

The **U. S. DEPARTMENT OF COMMERCE**, through the **ECONOMIC DEVELOPMENT ADMINISTRATION**, awarded a grant in the amount of \$102,590 for year two of the project, *University Center*. With this funding, SWOSU's University Center will provide technical assistance and applied research to support high-skills, high-wage employment in the region. The primary function of the grant is public service. The principal investigator of the grant is **Mr. Doug Misak**.

The **SOUTHWEST OKLAHOMA IMPACT COALITION** awarded a grant in the amount of \$44,668 for the project, *University Center*, to assist in providing salaries and fringe benefits for the Executive Director. The primary function of the award is public service. The principal investigator of the grant is **Mr. Doug Misak**.

**EDUCATION** awarded a grant in the amount of \$500 for the *FY15 Partnership Recognition Program*. The program is designed to recognize higher education's business partners for their contributions to the workforce, community, and economic development. The primary function of the award is public service. The principal investigator of the award is **Mr. Doug Misak**.

The **U.S. DEPARTMENT OF EDUCATION** awarded a grant in the amount of \$378,592 for the *Upward Bound Program*. The purpose of the program is to serve high school students from low-income families, and high school students from families in which neither parent holds a bachelor's degree. The goal of Upward Bound is to increase the rate in which students complete their high school degree and enroll in and graduate from institutions of postsecondary education. The primary function of the grant is instruction. The principal investigator of the grant is **Ms. Jamie Novey**.

The **U. S. DEPARTMENT OF AGRICULTURE**, through the **OKLAHOMA STATE DEPARTMENT OF EDUCATION**, awarded a grant in the amount of \$10,070 to fund the *Summer Food Services Program for Children*. As part of this program, the Upward Bound Program at Southwestern Oklahoma State University will receive reimbursement for meals served to children from households that meet the guidelines for free or reduced-price school meals, as set forth in the Secretary of Agriculture's family-size and income standards. The primary function of the award is student services. The principal investigator of the grant is **Ms. Jamie Novey**.

The **OFFICE OF JUVENILE AFFAIRS** awarded a contract in the amount of \$865,488 for the *Cedar Canyon Adventure Program*. This funding supports a residency program for youth in Office of Juvenile Affairs custody at the Cedar Canyon Adventure Program site. The program utilizes outdoor education experiences to encourage possible behavior changes for the youth placed in the program. The primary function of the award is public service. The principal investigator of the contract is **Dr. Ken Rose**.

## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **OFFICE OF JUVENILE AFFAIRS** awarded a contract in the amount of \$865,488 for the *Foss Lake Adventure Program*. This funding supports a residency program for youth in Office of Juvenile Affairs custody at the Foss Lake Adventure Program site. The program utilizes outdoor education experiences to encourage possible behavior changes for the youth placed in the program. The primary function of the award is public service. The principal investigator of the contract is **Dr. Ken Rose**.

The **OFFICE OF JUVENILE AFFAIRS** awarded a contract in the amount of \$865,488 for the *Lawton Adventure Program*. This funding supports a residency program for youth in Office of Juvenile Affairs custody at the Lawton Adventure Program site. The program utilizes outdoor education experiences to encourage possible behavior changes for the youth placed in the program. The primary function of the award is public service. The principal investigator of the contract is **Dr. Ken Rose**.

The **OFFICE OF JUVENILE AFFAIRS** awarded a contract in the amount of \$865,488 for the *Butler Skills Development Center*. This funding supports an on-site vocational instruction program for the youth in Office of Juvenile Affairs custody at the Butler Adventure Program site. The youth placed in this program learn skills such as welding or small engine repair. After completing the requirements of the program, they are placed at various job sites throughout western Oklahoma. The primary function of the award is public service. The principal investigator of the contract is **Dr. Ken Rose**.

The **OFFICE OF JUVENILE AFFAIRS** awarded a contract in the amount of \$100,000 for the project, *SWOSU Skills Center – Butler*. The contract, in part, supports an on-site vocational instruction program for the youth in the Office of Juvenile Affairs custody at the Butler Skills Development Center. The primary function of the award is public service. The principal investigator of the contract is **Dr. Ken Rose**.

The **OFFICE OF JUVENILE AFFAIRS** awarded a contract in the amount of \$50,000 for the project, *Cedar Canyon Adventure Program – Skills Center*. The contract, in part, supports an on-site vocational instruction program for the youth in the Office of Juvenile Affairs custody at the Cedar Canyon Adventure Program site. The primary function of the award is public service. The principal investigator of the contract is **Dr. Ken Rose**.

The **CITY OF WEATHERFORD, HOTEL-MOTEL TAX ADVISORY COMMITTEE** awarded a grant in the amount of \$2,000 to fund the *45th Annual SWOSU Jazz Festival*. The festival will feature internationally known jazz musicians. The purpose of the festival is to provide SWOSU faculty, staff, students, and the general public with an opportunity to experience, appreciate, and understand jazz. The primary function of the grant is public service. The principal investigator of this grant is **Dr. Richard Tirk**.

## FY15 SUMMARIES OF EXTRAMURAL AWARDS

The **OKLAHOMA ARTS COUNCIL** awarded a grant in the amount of \$2,400 to fund the *45<sup>th</sup> Annual SWOSU Jazz Festival*. These funds support the Jazz Festival held on the campus of SWOSU. The festival will feature internationally known jazz musicians. The purpose of the festival is to provide SWOSU faculty, students, and the general public with an opportunity to experience, appreciate, and understand jazz. The primary function of the award is public service. The principal investigator is **Dr. Richard Tirk**.

The **NATIONAL ASSOCIATION OF CHAIN DRUG STORES FOUNDATION** awarded a grant in the amount of \$15,000 for year two to fund the *NACDS Community Pharmacy Residency Expansion Project*. These funds support a community pharmacy residency program to develop exceptional new practitioners who, as part of a healthcare team, will be able to provide quality care and service to their patients in the community pharmacy practice setting. The community pharmacy residency is a joint effort between Walgreens and SWOSU College of Pharmacy. The primary function of the grant is instruction. The principal investigator of the grant is **Dr. Nancy Williams**.

The **U. S. DEPARTMENT OF EDUCATION** through the **OKLAHOMA REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$135,000 for the project, 2015 *KESAM Statewide Mathematics Initiative*. This grant supports professional development in mathematics instruction and student performance for elementary school and junior high school teachers throughout Oklahoma. The primary function of the grant is instruction. The principal investigator of the grant is **Dr. John Woods**.



INTRAMURAL ACTIVITY

# INTRAMURAL ACTIVITY SUMMARY

## SPONSORED PROGRAMS

### FY11 - FY15

	<u>FY11</u>	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>FY15</u>
<b><u>Supplemental Assistance</u></b>					
Number of Students Sponsored	17	16	11	12	9
Number of Faculty Sponsored	27	30	31	20	17
Number of Administration Sponsored	1	1	1	1	0
Number of Staff Sponsored	1	0	0	0	0
Number of Other Sponsored	0	0	0	0	0
 Total Amount	 \$19,223	 \$15,708	 \$17,954	 \$15,139	 \$12,000
<b><u>Organized Research</u></b>					
College of Arts and Sciences	\$19,445	\$22,137	\$22,781	\$23,298	\$22,349
College of Pharmacy	\$5,225	\$2,754	\$6,648	\$5,400	\$5,400
College of Professional and Graduate Studies	\$10,366	\$17,828	\$20,886	\$20,104	\$14,814
 Total Amount	 \$35,036	 \$42,719	 \$50,315	 \$48,802	 \$42,563
<b><u>Proposal Development Awards</u></b>					
Number of Faculty and Staff	3	4	3	1	2
Total PDA Awarded to Faculty	\$11,840	\$12,000	\$12,000	\$5,985	\$12,000
Total Proposal Dollars Submitted to					
Agencies from Prior FY	\$45,555	\$2,879,652	\$97,008	\$745,245	\$79,352
Total Proposal Dollars Awarded by					
Agencies from Prior FY	\$0	\$29,716	\$70,000	\$0*	\$0*

\*Funding announcement pending

# FY15 SUPPLEMENTAL ASSISTANCE STUDENT SCHOLARLY ACTIVITY

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	FACULTY SPONSOR	LOCATION OF PRESENTATION	EXPENSES
Baalman	Emily	CAS	N/A	Biological Sciences	Dr. Victor Gonzalez	Guild of Natural Science Illustrators Conference, Boulder, Colorado	\$500
Brewer	Kyle	CAS	N/A	Art, Communication, and Theatre	Dr. Siriporn Peters	Design Principles and Practices Conference, Chicago, Illinois	\$500
Brower	Drew	CAS	N/A	Art, Communication, and Theatre	Dr. Siriporn Peters	Design Principles and Practices Conference, Chicago, Illinois	\$500
Butler	Rachel	CAS	N/A	Art, Communication, and Theatre	Dr. Siriporn Peters	Design Principles and Practices Conference, Chicago, Illinois	\$500
Hossain	Mohammad	COP		Pharmaceutical Sciences	Dr. Hardeep Saluja	American Association of Pharmaceutical Scientists Annual Meeting, San Diego, California	\$500
Kumar	Naveenah	CAS	N/A	Art, Communication, and Theatre	Dr. Siriporn Peters	Design Principles and Practices Conference, Chicago, Illinois	\$500
Long	Parker	CAS	N/A	Language and Literature	Dr. Kevin Collins	William Gilmore Simms Society Conference, Orangeburg, South Carolina	\$500

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	FACULTY SPONSOR	LOCATION OF PRESENTATION	EXPENSES
Rudraraju	Apoorva	COP		Pharmaceutical Sciences	Dr. Hardeep Saluja	American Association of Pharmaceutical Scientists Annual Meeting, San Diego, California	\$500
Webb	Lori	CAS	N/A	Language and Literature	Dr. Victoria Gaydosik	Sigma Tau Delta Convention, Albuquerque, New Mexico	\$500

**TOTAL STUDENT EXPENSES: \$4,500**

## FY15 SUPPLEMENTAL ASSISTANCE FACULTY SCHOLARLY ACTIVITY

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	LOCATION OF PRESENTATION	EXPENSES
Chen	Yu-Ling	CAS	N/A	Music	2014 American Music Therapy Association Conference, Louisville, Kentucky	\$500
Collins	Kevin	CAS	N/A	Language and Literature	William Gilmore Simms Society Conference, Orangeburg, South Carolina	\$500
Esjornson	Sylvia	CAS	N/A	Chemistry and Physics	American Chemical Society Biennial Conference on Chemical Education, Allendale, Michigan	\$500
Fitzsimmons	Phillip	SWOSU Libraries		All Harris Library, Weatherford Campus	2015 Popular Culture Association/American Culture Association Conference, New Orleans, Louisiana	\$500
Holgado	Andrea	CAS	N/A	Biological Sciences	2014 SACNAS National Conference, Los Angeles, California	\$500
Hyatt	Joana	CAS	N/A	Art, Communication, and Theatre	National Art Education Association Convention, New Orleans, Louisiana	\$500
Jeong	EK	CAS	N/A	Art, Communication, and Theatre	William Gilmore Simms Society Conference/Orangeburg, SC	\$460
Lee	Sophia	CAS	N/A	Music	2014 American Music Therapy Association Conference, Louisville, Kentucky	\$219
Linder	Doug	CAS	N/A	Chemistry and Physics	American Chemical Society National Meeting, Denver, Colorado	\$220
Martinson	Shelley	CAS	N/A	Music	Florida Flute Convention, Orlando, Florida	\$500



LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	LOCATION OF PRESENTATION	EXPENSES
Maxson	Helen	CAS	N/A	Language and Literature	South Central Modern Language Association, Austin, Texas	\$500
Parker	Patsy	CPGS	SBT	Accounting; Computer Science & Entrepreneurship	Academy of Business Research Conference, Atlantic City, New Jersey	\$500
Parker	Todd	CAS	N/A	Art, Communication, and Theatre	Mid-America Art Association Conference, San Antonio, Texas	\$306
Peters	Siriporn	CAS	N/A	Art, Communication, and Theatre	5th International Conference for Universal Design in Fukushima and Tokyo 2014, Tokyo, Japan	\$500
Sevin	Tugba	CAS	N/A	Language and Literature	Tierra Tinto 2014: Ninth Annual Conference on Latin American, Spanish, French, Francophone, and Luso-Brazilian Literature, Norman, Oklahoma	\$407
Strauch	Carie	CPGS	SNUR	Nursing	4th International Conference on Violence in the Health, Miami, Florida	\$388
Woods	Kristin	CPGS	SBSE	Psychology	American Evaluation Association, Denver, Colorado	\$500

**TOTAL FACULTY EXPENSES:**

**\$7,500**

## FY15 ORGANIZED RESEARCH

COLLEGE	ALLOCATION	EXPENSES	BALANCE
College of Arts and Sciences	\$22,500	\$22,349	\$151
College of Pharmacy	\$5,400	\$5,400	\$0
College of Professional and Graduate Studies	\$22,500	\$14,814	\$7,686
<b>TOTALS:</b>	<b>\$50,400</b>	<b>\$42,563</b>	<b>\$7,837</b>

# FY15 ORGANIZED RESEARCH COLLEGE OF ARTS AND SCIENCES

LAST NAME	FIRST NAME	PROJECT TITLE	ALLOCATION	EXPENSES
Brown	Ted	The Rhetoric of Equality: LBJ and the Civil Rights Act of 1964	\$1,000	\$1,000
Chang	Jieun	Firm Survival and Consumer Preference Diversity	\$2,000	\$2,004
Collins	Kevin	Simms Studies: The Past in the Future	\$400	\$399
Cothran	Rickey	Population level consequences of sexual selection in freshwater amphipods	\$2,000	\$2,056
Ellis	Trevor	Synthesis and application of Novel Ni(II) Complexes for the Asymmetric Synthese of Non-proteinogenic $\alpha$ -Amino Acids	\$2,000	\$2,000
Gwyn	Lori	Characterization of Nuclelease Activity of Metal Complexes	\$2,000	\$1,944
Jeong	EK	The Visiting Artist Program	\$500	\$500
Kesnan	Tee	Using a Poem "Where I'm From" by George Ella Lyon as an effective ice-breaker during the ESL Freshmen International Conversation Hour	\$2,000	\$2,000
Lee	Sophia	The Impact of an On-Campus Music Therapy Clinic to the Development of Regional Music Therapy Practice -- Phase VIII	\$500	\$500
Martyn	David	Synthesis of Functional Polyhedral Oligomeric Silsesquioxanes for Use in Polymer Composites	\$850	\$850
O'Neal	Steven	Algal Culture Maintenance and Algal Studies	\$400	\$357
Peters	Sriporn	Study Intangible Cultural Heritage and participatory graphic design with Native American for safeguarding intangible cultural heritage.	\$2,000	\$1,975
Sevin	Tugba	Teaching Spanish and Italian language, culture, and translation courses at the American Universities and the better use of technology in the language classes	\$2,000	\$2,000

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>PROJECT TITLE</b>	<b>ALLOCATION</b>	<b>EXPENSES</b>
Tirk	Richard	Atypical Duos: A Recording of trumpet with unusual collaborative instruments	\$2,000	\$1,997
Trubitsyn	Denis	Production of recombinant magnetosome membrane associated proteins for testing of their ability to bind iron and determine crystal morphology	\$2,000	\$1,917
Ubeidat	Muatasem	Comparative analysis of the life cycles of the slime mold Dicyostelium and the gram negative bacteria Myxococcus xanthus	\$850	\$850
<b>TOTAL CAS ALLOCATIONS AND EXPENSES:</b>			<b>\$22,500</b>	<b>\$22,349</b>

# FY15 ORGANIZED RESEARCH COLLEGE OF PHARMACY

LAST NAME	FIRST NAME	PROJECT TITLE	ALLOCATION	EXPENSES
Khan	Faruk	Synthesis of Macrocyclic Polyamine Derivatives as Novel Antiparasitic and Antimicrobial Drug Leads	\$5,400	\$5,400

**TOTAL COP ALLOCATIONS AND EXPENSES:**

**\$5,400**

**\$5,400**

# FY15 ORGANIZED RESEARCH COLLEGE OF PROFESSIONAL AND GRADUATE STUDIES

LAST NAME	FIRST NAME	PROJECT TITLE	ALLOCATION	EXPENSES
Albrightson	Cindi	FTC Robotics-Cedar Canyon	\$2,400	\$1,375
Barnett	Randy	Stress & Anxiety Management Techniques in Highway Patrolmen	\$4,477	\$2,089
Brogdon	Sherri	Remedial Math, Manipulatives & Technology: A Pilot Study in Strategies for Student Success at the University Level	\$3,200	\$0
Bryant	Brad	Visual Recognition Processing from an Unmanned Autonomous Vehicle	\$3,500	\$0
Burgess	Stephen	The effect of exposure to aggression on the perception of pain in others	\$2,000	\$0
Kinder Barnett	Chad Randy	An Analysis of the Influence of Stress Responses in Simulaed LE Combat Situations	\$4,000	\$0
Li	Jack	Research Work on a Possible Setup for TECH 4833 (Microprocessors & Embedded Controls)	\$400	\$383
Parker	Patsy	Adult Learners: Motivations & Outcomes	\$2,500	\$2,500
Phillips	Brandon	Eyetracking Analysis for Effective Data Visualization	\$5,125	\$4,970
Prichard	Marion	Student Research Project for ALHLT 3043 Health Stats	\$1,600	\$1,320
Sobansky Barnett	Robin Amy	Current & Potential Roles of School Psychologists:Educator's Perception	\$3,900	\$2,176

**TOTAL CAS ALLOCATIONS AND EXPENSES:** \$33,102 \$14,814

# FY14 PROPOSAL DEVELOPMENT AWARDS

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	PDA AMOUNT AWARDED
Holgado	Andrea	CAS	N/A	Biological Sciences	Examining Autophagy in Neurons	\$5,985

**TOTAL:**

\$5,985

# FY15 PROPOSAL DEVELOPMENT AWARDS

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	PDA AMOUNT AWARDED
Cothran	Rickey	CAS	N/A	Biological Sciences	Putting Sexual Conflict in an Ecological Context: How Phosphorous Supply Shapes Sexual Conflict in Hyalella and Amphipods	\$6,000
Peters	Siriporn	CAS	N/A	Art, Communication, and Theatre	Communication Design for Cultural Heritage Preservation with Cheyenne and Arapaho Tribes of Oklahoma	\$6,000

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**TOTAL:** \$12,000



# FY15 CONTINUING EDUCATION COMMUNITY SERVICE

<b>ACTIVITY APPLICANT</b>	<b>ACTIVITY INSTRUCTOR</b>	<b>ACTIVITY DATES</b>	<b>ACTIVITY TITLE</b>	<b>NUMBER OF PARTICIPANTS</b>	<b>CEU OFFERED</b>	<b>TOTAL CLASS HOURS</b>	<b>AMOUNT RECEIVED</b>
Tina Barnes	Tina Barnes	August 26 - December 16, 2015	Country Line Dancing	11	No	30	\$275
Daniel Farris	Daniel Farris	June 1 through July 20, 2015	Filipino Martial Culture	1	No	12	\$25
Veronica Aguinaga	Veronica Aguinaga	January 12 - April 29, 2015	Beginning English as a Second Language	5	No	72	\$1,857

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**TOTAL: \$2,157**



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**December 2015**