

# **The Office of Sponsored Programs**



**Annual Report**

**Fiscal Year 2016**

**July 1, 2015 - June 30, 2016**

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## Foreword

It is my pleasure to present the Office of Sponsored Programs Annual Report for FY16. This year, faculty and staff at Southwestern Oklahoma State University increased the number of proposals submitted by 52%. The number of grant awards received also increased by 81% over last year.

Thank you to our principal investigators who continuously bring external resources to the university. The sponsored projects provide our faculty with professional excellence, which is important in delivering outstanding education, mentoring, and training to our students.

The Office of Sponsored Programs staff looks forward to working with and supporting the efforts of principal investigators.

Yolanda R. Carr, Ed.D.  
Office of Sponsored Programs



EXTRAMURAL ACTIVITY

## EXTRAMURAL ACTIVITY SUMMARY SPONSORED PROGRAMS FY12 - FY16

	FY12	FY13	FY14	FY15	FY16
<b><u>Pre-Award Activity</u></b>					
Number of Proposals	70	72	76	87	95
Number of Faculty and Staff	36	45	49	49	49
<b>Total Amount</b>	<b>\$11,599,037</b>	<b>\$8,066,052</b>	<b>\$7,314,992</b>	<b>\$8,689,841</b>	<b>\$6,487,992</b>
<b><u>Extramural Awards</u></b>					
Number of Awards	58	61	65	66	81
Number of Faculty and Staff	27	39	37	26	37
<b>Total Amount</b>	<b>\$7,649,717</b>	<b>\$6,167,539</b>	<b>\$6,037,985</b>	<b>\$5,577,565</b>	<b>\$2,059,423.02</b>
<b><u>Funding Rate</u></b>	82%	85%	86%	76%	85%

# EXTRAMURAL ACTIVITY SUMMARY

## SPONSORED PROGRAMS

### FY16

#### EXTRAMURAL AWARDS BY SOURCE

	Federal	State	Local	Foundations	Private	Other	Total
Number of Awards	38	16	17	4	3	3	81
Total Amount*	\$1,083,208.23	\$667,066.69	\$157,855	\$80,800	\$51,500	\$18,993.10	\$2,059,423.02

\*SWOSU provided matching funds directly or indirectly to

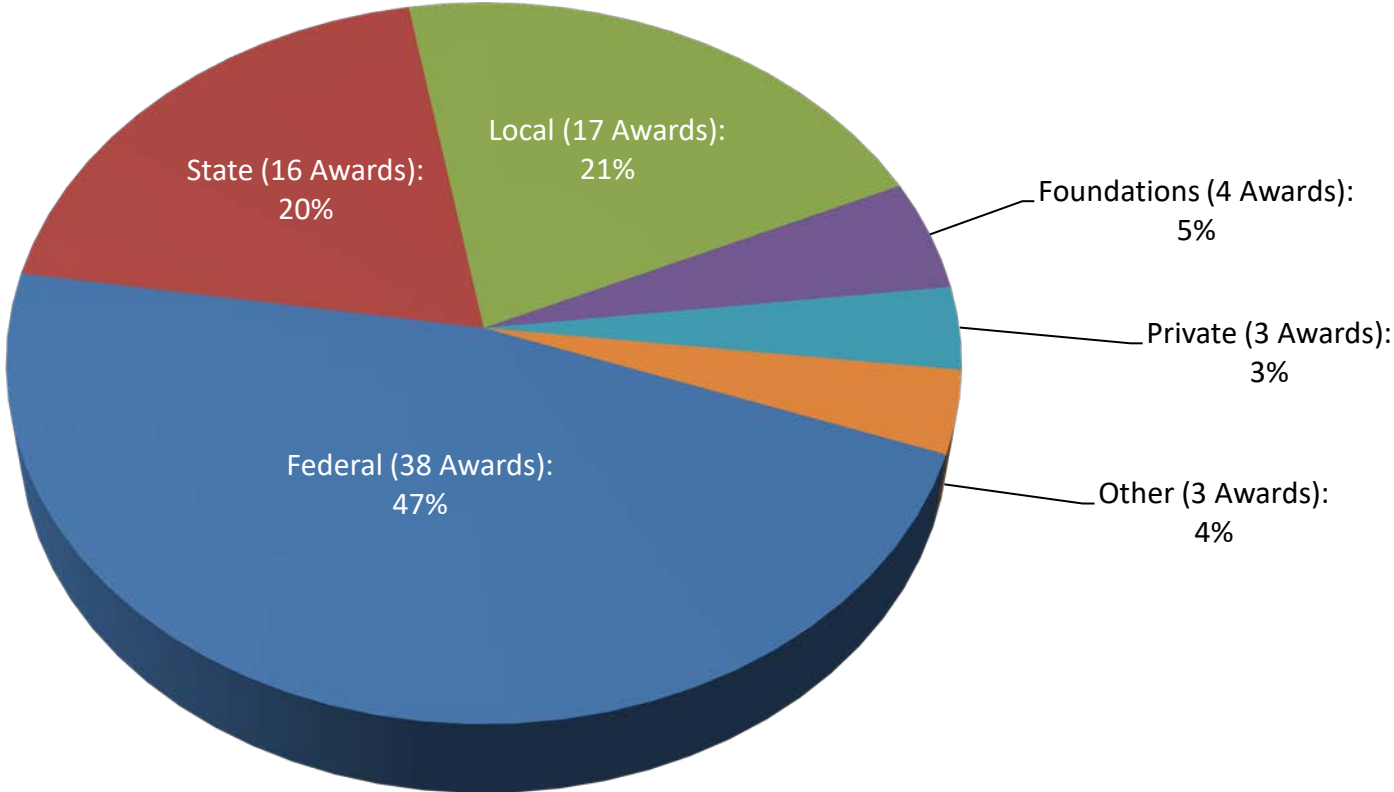
#### EXTRAMURAL AWARDS BY FUNCTION

	Instruction	Research	Public Service	Academic Support	Student Services	
Number of Awards	18	44	17	0	2	
Total Amount	\$746,750.50	\$537,271.33	\$736,893.69	\$0	\$17,635.00	
	Institutional Support	Operation and Maintenance of Plant	Scholarships and Fellowships	General University Support	Total	
Number of Awards	0	0	0	1	81	
Total Amount	\$0	\$0	\$0	\$20,000.00	\$2,059,423.02	

#### EXTRAMURAL AWARDS BY DIVISION

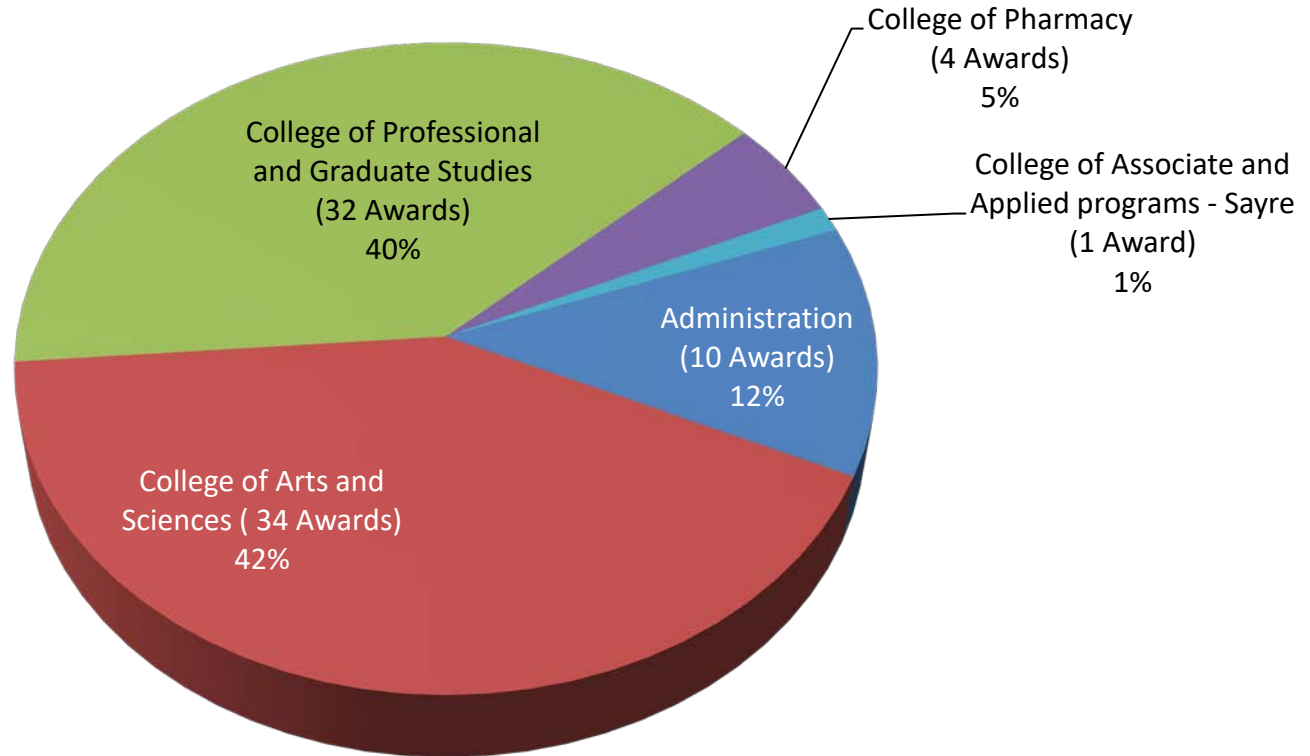
	Administration	College of Arts and Sciences	College of Professional and Graduate Studies	College of Pharmacy	College of Associate and Applied Programs – Sayre	Total
Number of Awards	10	36	32	3	1	81
Total Amount	\$716,514	\$619,239.60	\$673,796.92	\$29,000	\$20,000	\$2,059,423.02

# Primary Sources (81 Awards)



Federal (38 Awards): \$1,083,208.23	State (16 Awards): \$667,066.69
Local (17 Awards): \$157,855	Foundations (4 Awards): \$80,800
Private (3 Awards): \$51,500	Other (3 Awards): \$18,993.10

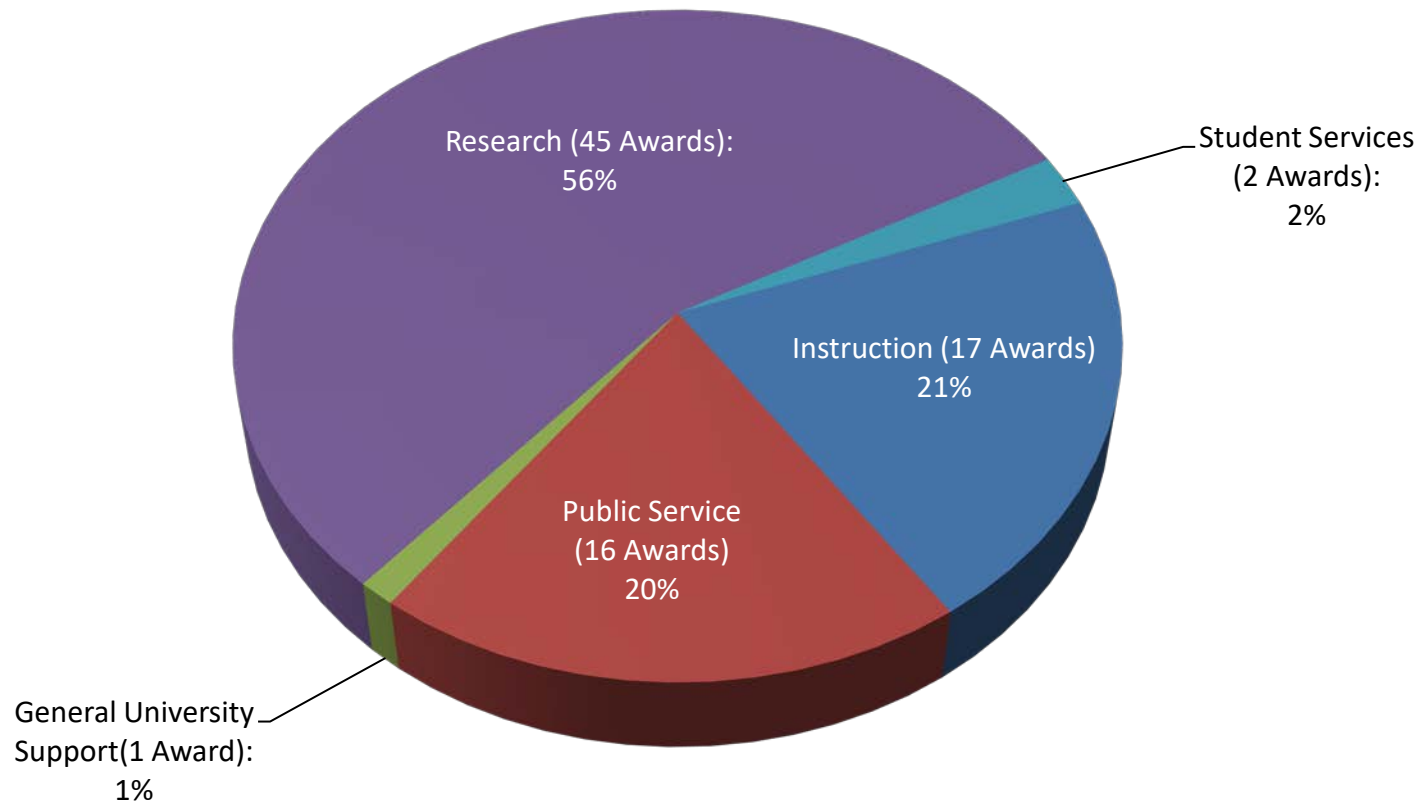
## Awards By Division (81 Awards)



- Administration (10 Awards): \$716,514
- College of Arts and Sciences (34 Awards): \$613,057.10
- College of Professional and Graduate Studies (32 Awards): \$673,796.92
- College of Pharmacy (4 Awards): \$36,055
- College of Associate and Applied Programs - Sayre (1 Award): \$20,000



## Awards by Function (81 Awards)



Instruction (17 Awards):	\$725,955
Public Service (16 Awards):	\$735,893.69
General University Support (1 Award):	\$20,000
Research (45 Awards):	\$379,910.33
Student Services (2 Awards):	\$17,635
Institutional Support (0 Awards):	\$0

# COLLEGE/SCHOOL/DEPARTMENT GUIDE

<u>COLLEGE</u>		<u>SCHOOL</u>		<u>SWOSU LIBRARIES</u>	
ADM	Administration	SAHS	School of Allied Health Sciences	LIB	Library
CAS	College of Arts and Sciences	SBSE	School of Behavioral Sciences and Education		
COP	College of Pharmacy	SBT	School of business and Technology		
CPGS	College of Professional and Graduate Studies	SNUR	School of Nursing		
CAAP	College of Associate and Applied Programs				

<u>COLLEGE</u>	<u>SCHOOL</u>	<u>DEPARTMENT</u>	<u>COLLEGE</u>	<u>SCHOOL</u>	<u>DEPARTMENT</u>
ADM	N/A	Center for Excellence in Teaching and Learning	CPGS	SAHS	Athletic Training
CAS	N/A	Art		SAHS	Clinical Laboratory Sciences
	N/A	Biological Sciences		SAHS	Health Care Administration
	N/A	Chemistry and Physics		SAHS	Health Information Management
	N/A	Communication and Theatre		SBSE	Education
	N/A	Interdisciplinary Studies		SBSE	Kinesiology
	N/A	Language and Literature		SBSE	Parks and Recreation Management
	N/A	Mathematics		SBSE	Psychology
	N/A	Music		SBSE	Social Work
	N/A	Social Sciences		SBT	Business & Computer Science
COP	N/A	Pharmacy Practice		SBT	Engineering Technology
	N/A	Pharmaceutical Sciences		SBT	Finance, Management, and Marketing
CAAP	N/A	Sayre		SNUR	Nursing

## FUNDING AGENCY GUIDE

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

## FY16 EXTRAMURAL AWARDS

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Appeddu, Lisa Gwyn, Lori</b>	COP CAS	N/A	5/1/2016- 6/30/2016	Tech Trek Summer Math and Sciences Camp for Eighth Grade Girls	National Science Foundation (NSF)	Oklahoma EPSCoR	\$10,000
<b>Appeddu, Lisa Albrightson, Cindi Gwyn, Lori</b>	COP CPGS CAS	N/A	5/1/2016- 6/30/2016	Tech Trek at SWOSU	National Institutes of Health (NIH)	University of Oklahoma Health Services Center	\$5,000
<b>Appeddu, Lisa Albrightson, Cindi Gwyn, Lori</b>	COP CPGS CAS	N/A	7/1/2015- 6/30/2016	Tech Trek at SWOSU	American Association of University Women (AAUW)	Oklahoma EPSCoR	\$10,000
<b>Appeddu, Lisa Albrightson, Cindi Edwards, Jorie Gwyn, Lori Woods, Kristin</b>	COP CPGS CPGS CAS CPGS	N/A	5/1/2015- 4/30/2016	Tech Trek Math and Sciences Camp for Eighth Grade Girls	National Science Foundation (NSF)	Oklahoma EPSCoR	\$10,500
<b>Appeddu, Lisa Moser, Tami</b>	COP COP	N/A	8/1/2015- 12/1/2015	2015 Administrative Issues Journal (AIJ) Conference	City of Weatherford- Hotel Motel Advisory Committee	N/A	\$4,000
<b>Barnett, Randy</b>	CPGS	SBSE	7/1/2015- 6/30/2016	Strengthening Custody and Transition Service Pilot Project	Oklahoma Commission on Children and Youth	N/A	\$45,000
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2013- 8/31/2016	Oklahoma NASA EPSCoR FY13 Research Implantation Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$5,784
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2014- 8/31/2017	Radiation Smart Structure with H-rich Nanostructured Multifunctional Materials	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$5,659
<b>Baughner, Madeline</b>	CPGS	SBT	12/26/2013- 12/24/2015	Oklahoma NASA EPSCoR- Research Infrastructure Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$3,586
<b>Baughner, Madeline</b>	CPGS	SBT	9/19/2014- 9/18/2016	Project u r NASA	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$22,618

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2014-8/31/2015	Oklahoma NASA EPSCoR – FY14 Research Implementation Grant	Board of Regents of the University of Oklahoma	N/A	\$1,795
<b>Baughner, Madeline</b>	CPGS	SBT	11/1/2015-10/31/2016	Oklahoma Space Grant Consortium- NASA Scholarships and Workforce Development year 1	National Aeronautics and Space Administration (NASA)	Board of Regents of the University of Oklahoma	\$16,315
<b>Baughner, Madeline</b>	CPGS	SBT	10/18/2012-10/17/2015	Oklahoma NASA EPSCoR- Research Infrastructure Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$3,498
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2016	Oklahoma NASA EPSCoR- Research Implementation Grant	Board of Regents of the University of Oklahoma	N/A	\$1,885
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2018	A Hybrid Photovoltaic Up/down Conversion and Biological System for Extended Space Flight	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$5,943
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2018	Experimental Program to Stimulate Competitive Research Infrastructure Development (RID)	Board of Regents for the University of Oklahoma	N/A	\$1,885
<b>Baughner, Madeline</b>	CPGS	SBT	12/26/2014-12/24/2015	Oklahoma NASA EPSCoR- Research Implementation Grant- Year 3	Board of Regents of the University of Oklahoma	N/A	\$5,515
<b>Baughner, Madeline</b>	CPGS	SBT	10/18/2012-12/17/2015	Oklahoma NASA EPSCoR- Research Infrastructure Development Grant- Year 3	National Aeronautics Space Administration (NASA)	University of Oklahoma	\$5,514
<b>Baughner, Madeline</b>	CPGS	SBT	11/1/2014-10/31/2015	Oklahoma NASA EPSCoR- Research Infrastructure Development Grant- Year 3	Board of Regents for the University of Oklahoma	N/A	\$5,516
<b>Baughner, Madeline</b>	CPGS	SBT	5/1/2015-4/30/2016	Oklahoma NASA Space Grant Consortium 2015-2018	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$23,539

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2018	Experimental Program to Stimulate Competitive Research Infrastructure Development (RID)	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,885
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2014-9/18/2018	Oklahoma NASA Space Grant Consortium- NASA Partnership with Community Colleges	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$4,600
<b>Baughner, Madeline</b>	CPGS	SBT	5/1/2015-4/30/2018	Oklahoma NASA Space Grant College and Fellowship Program (Year 2)	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$4,600
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-4/30/2018	Oklahoma NASA EPSCoR – Research Implementation Grant, Year 2	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,885
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2016	Oklahoma NASA EPSCoR- Research Implementation Grant	Board of Regents of the University of Oklahoma	N/A	\$2,023
<b>Baughner, Madeline</b>	CPGS	SBT	9/19/2014-9/18/2016	Oklahoma Space Grant Consortium- NASA Partnership with Community Colleges	Board of Regents of the University of Oklahoma	N/A	\$11,416
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2014-9/18/2018	Oklahoma Space Grant Consortium- NASA Partnership with Community Colleges	Board of Regents of the University of Oklahoma	N/A	\$2,070
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2014-9/18/2018	Oklahoma Space Grant College and Fellowship Program	Board of Regents of the University of Oklahoma	N/A	\$4,600
<b>Boyd, Ruth</b>	ADM	N/A	8/1/2014-5/31/2017	Novice Teacher Mentoring Program	Oklahoma Commission for Teacher Preparation	Oklahoma State Regents for Higher Education	\$32,712
<b>Boyd, Ruth</b>	ADM	N/A	10/9/2015-12/11/2015	Civic Partnership Initiative	Campus Compact	N/A	\$4,000

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Campbell, Brian Esjornson, David</b>	CAS CAS	N/A	6/7/2015- 6/16/2015	Summer Science and Mathematics Academy (2015)	Oklahoma State Regents for Higher Education	N/A	\$33,000
<b>Campbell, Brian Esjornson, David</b>	CAS CAS	N/A	6/12/2016- 6/24/2016	SWOSU Summer Science and Mathematics Academy (2016)	Oklahoma State Regents for Higher Education	N/A	\$42,850
<b>Castle, Lisa</b>	CAS	N/A	5/1/2016- 10/31/2016	Presentation at Economic Botany/Open Science Network Meeting	National Institutes of Health (NIH)	University of Oklahoma Health Sciences Center	\$1,324
<b>Cothran, Ricky</b>	CAS	N/A	6/2016- 8/31/2016	PLE Early Career Fellowship	University of Pittsburgh	N/A	\$4,993.10
<b>Cothran, Ricky</b>	CAS	N/A	5/15/2016- 7/31/2016	Effects of Commonly Used Garden Pesticides on the Development of a Sexually Selective Trait	Oklahoma State Regents for Higher Education	N/A	\$10,476
<b>Ellis, Trevor</b>	CAS	N/A	1/1/2016- 4/15/2016	National American Chemical Society Meeting Travel	National Science Foundation (NSF)	Oklahoma State University	\$5,000
<b>Ellis, Trevor</b>	CAS	N/A	5/24/2016- 7/15/2016	Synthesis of Chemical Signaling Gamma-butyrolactone (GBL) Bases A-Factor Analogues	National Institutes of Health (NIH)	University of Oklahoma Health Sciences Center	\$2,200
<b>Ellis, Trevor</b>	CAS	N/A	5/24/2016- 8/31/2016	Preparation of Chemical Signaling Molecule A-Factor	Oklahoma State Regents for Higher Education	N/A	\$6,696
<b>Evert, Amanda</b>	CPGS	SBT	3/6/2016- 6/1/2017	SWOSU Single Moms Network	Oklahoma Women's Foundation	N/A	\$3,500
<b>Evert, Jeremy</b>	CPGS	SBT	10/12/2015 -1/19/2016	Undergraduate Research of High Performance Computing and Data Analysis for the Study of Large Data Set	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$2,817.23
<b>Evert, Jeremy</b>	CPGS	SBT	4/4/2016- 8/31/2016	Undergraduate Research in Space-based Climate and	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$35,935

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
				Radiation Data Using High Performance Computing			
<b>Fitzgerald, Brad</b>	CPGS	SBT	5/1/2016-4/30/2018	FTC Robotic Kit Loaner Management for Oklahoma High Schools	Argosy Foundation	Oklahoma FIRST	\$2,300
<b>Gwyn, Lori</b>	CAS	N/A	2/20/2015-1/19/2016	Equipment for Synthetic Biology Lab Module	National Science Foundation (NSF)	Davidson College	\$12,000
<b>Gwyn, Lori</b>	CAS	N/A	3/27/2015-9/1/2015	Travel to Ames Research Center	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$3,000
<b>Gwyn, Lori</b>	CAS	N/A	5/24/2016-8/31/2016	Investigation of DNA Hydrolysis Activity of Zinc-Cyclen and Zinc-Cyclam Complexes	Oklahoma State Regents for Higher Education	N/A	\$6,663
<b>Henderson, Aimee</b>	COP	N/A	11/17/2015-7/31/2017	Diabetes Self-Management Education Program	TMF Health Quality Institute	N/A	\$7,055
<b>Holgado, Andrea</b>	CAS	N/A	5/1/2016-8/31/2016	Examining the Role of Autophagy in C. elegans Developing Neurons	Oklahoma State Regents for Higher Education	N/A	\$5,616
<b>Holgado, Andrea</b>	CAS	N/A	5/24/2016-7/15/2016	Oklahoma INBRE Undergraduate Summer Research Program: Analysis of Autophagy in Neurons	Oklahoma State Regents for Higher Education	N/A	\$2,200
<b>Holgado, Andrea</b>	CAS	N/A	5/24/2016-7/15/2016	Analysis of Autophagy in Neurons	National Institutes of Health (NIH)	University of Oklahoma Health Sciences Center	\$2,200
<b>Holgado, Andrea Lee, Sophia Bryant, Brad</b>	CAS CAS CPGS	N/A	2/1/2016-1/31/2017	Creating opportunities for basic research, applied research, and technology development	Oklahoma Center for the Advancement of Science and Technology (OCAST)	N/A	\$30,000
<b>Holgado, Andrea</b>	CAS	N/A	5/1/2015-4/30/2016	Analysis of autophagy in the developing nervous system	National Institutes of Health (NIH)	Board of Regents of the University of Oklahoma	\$25,000

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Hubin, Timothy</b>	CAS	N/A	9/1/2015-8/31/2016	Dual CXCR4/CCR5 Chemokine Receptor Antagonists	Oklahoma Center for the Advancement of Science and Technology (OCAST)	N/A	\$45,000
<b>Hubin, Timothy</b>	CAS	N/A	9/1/2015-8/31/2016	Novel Topologically Constrained Transition Metal Complex Oxidation Catalysts	American Chemistry Society Petroleum Research Fund (ACSPRF)	N/A	\$21,500
<b>Hubin, Timothy</b>	CAS	N/A	9/1/2015-8/31/2016	Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology, Year 5	National Science Foundation (NSF)	Oklahoma State University	\$19,825
<b>Hubin, Timothy</b>	CAS	N/A	12/1/2015-4/30/2016	Antifungal and anti-parasitic transition metal complexes of linked, bridged tetraazamacrocycles	National Institutes of Health	University of Oklahoma Health Sciences Center	\$1,335
<b>Hubin, Timothy</b>	CAS	N/A	3/9/2015-7/4/2015	Hull Postdoctoral Support	University of Hull	N/A	\$10,000
<b>Hubin, Timothy</b>	CAS	N/A	5/1/2016-4/30/2017	Inhibition of cancer metastasis with IL-24 nanotherapy and CXCR4 antagonists	National Institutes of Health (NIH)	University of Oklahoma Health Sciences Center	\$40,766
<b>Hubin, Timothy</b>	CAS	N/A	5/1/2015-8/31/2015	Oklahoma INBRE Undergraduate Summer Research Program: INBRE Summer Student	Oklahoma State Regents for Higher Education	N/A	\$2,200
<b>Hubin, Timothy</b>	CAS	N/A	5/1/2016-8/31/2016	NSF Supplemental to OK-LSAMP for Student Research in Hull	National Science Foundation	Oklahoma State University	\$28,550
<b>Hubin, Timothy</b>	CAS	N/A	9/1/2012-8/31/2017	Henry Dreyfus Teacher-Scholar Award for 2012	The Camille & Henry Dreyfus Foundation, Inc.	N/A	\$60,000
<b>Jeong, E.K.</b>	CAS	N/A	7/1/2015-6/30/2016	The Visiting Artist Program	Oklahoma Arts Council	N/A	\$2,000



PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Manning, Sherron Billey, Terry</b>	CAAP	N/A	7/29/2014- 12/29/2016	Patterson Field House Bleacher Refurbishment	Midwestern Oklahoma Development Authority	N/A	\$20,000
<b>Martinson, Shelly</b>	CAS	N/A	7/7/2015- 1/3/2016	Zhou Long Residency	Oklahoma Arts Council	N/A	\$750
<b>Misak, Doug</b>	ADM	N/A	8/1/2015- 7/31/2016	University Center	U.S. Department of Commerce	Economic Development Administration	\$102,590
<b>Misak, Doug</b>	ADM	N/A	8/1/2014- 7/31/2015	Southwest Oklahoma Impact Coalition	Southwest Oklahoma Impact Coalition	N/A	\$45,485
<b>Misak, Doug</b>	ADM	N/A	3/8/2016- 6/30/2016	FY15 Partnership Recognition Program	Oklahoma State Regents for Higher Education	N/A	\$500
<b>Misak, Doug</b>	ADM	N/A	7/1/2015- 6/30/2016	SWOSU Technical Assistance Program	U.S. Department of Commerce	Economic Development Administration	\$100,000
<b>Novey, Jamie</b>	ADM	N/A	9/1/2015- 8/31/2016	Upward Bound Program	U.S. Department Education	N/A	\$378,592
<b>Novey, Jamie</b>	ADM	N/A	6/2/2015- 7/9/2015	Summer Food Services Program for Children	U.S. Department Agriculture	Oklahoma State Department of Education	\$10,070
<b>Novey, Jamie</b>	ADM	N/A	6/6/2016- 7/14/2016	Summer Food Services Program for Children	U.S. Department Agriculture	Oklahoma State Department of Education	\$7,565
<b>Paul, Eric</b>	CAS	N/A	5/1/2016- 10/31/2016	Pathogenesis of <i>Pseudomonas Aeruginosa</i> in Microgravity	National Institutes of Health (NIH)	University of Oklahoma Health Sciences Center	\$2,000
<b>Rose, Ken</b>	CPGS	N/A	7/1/2015- 6/30/2016	Foss Lake Adventure Program	Office of Juvenile Affairs	N/A	\$117,812.22
<b>Rose, Ken</b>	CPGS	N/A	7/1/2015- 6/30/2016	Lawton Adventure Program	Office of Juvenile Affairs	N/A	\$190,452.19

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Rose, Ken</b>	CPGS	N/A	7/1/2015-6/30/2016	Cedar Canyon Adventure Program	Office of Juvenile Affairs	N/A	\$118,349.28
<b>Smith, Nathan</b>	ADM	N/A	9/22/2015-8/31/2016	Promotion of Multiple Tourism Focused Events	City of Weatherford, Hotel-Motel Tax Advisory Committee	N/A	\$35,000
<b>Tirk, Richard</b>	CAS	N/A	7/1/2015-6/30/2016	46 <sup>th</sup> Annual SWOSU Jazz Festival	Oklahoma Arts Council	N/A	\$2,400
<b>Tirk, Richard</b>	CAS	N/A	2/1/2016-4/30/2016	46 <sup>th</sup> Annual SWOSU Jazz Festival	City of Weatherford, Hotel-Motel Tax Advisory Committee	N/A	\$2,000
<b>Trubitsyn, Denis</b>	CAS	N/A	6/1/2016-7/30/2017	Bioinformatics and Quantitative Real Time PRC Analysis of Magnesome Formation Genes	National Institutes of Health	University of Oklahoma Health Sciences Center	\$11,513
<b>Ubeidat, Muatasem</b>	CAS	N/A	1/7/2016-4/30/2016	2016 Oklahoma INBRE Carryover Equipment Funds	National Institutes of Health (NIH)	Oklahoma INBRE	\$25,000
<b>Williams, Nancy</b>	COP	N/A	7/1/2015-6/30/2016	NACDS Community Pharmacy Residency Expansion Project	National Association of Chain Drug Stores (NACDS) Foundation	N/A	\$15,000
<b>Woods, John</b>	CAS	N/A	3/7/2016-6/30/2017	KESAM Statewide Mathematics Initiative	U.S. Department of Education	Oklahoma State Regents for Higher Education	\$135,000

**TOTAL: \$2,059,423.02**

## FY16 SWOSU MATCHING SUPPORT

Last Name	First Name	College	Department	Project Title	Sponsor/Agency	Subagency	Grant Value	SWOSU Cash Match	SWOSU Indirect
Baughner	Madeline	CPGS	Business and Computer Science	Radiation Smart Structure and H-rich Nanostructured Multifunctional Materials	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$5,659	\$2,546	-0-
Baughner	Madeline	CPGS	Business and Computer Science	Oklahoma NASA EPSCoR – FY14 Research Implementation Grant	Board of Regents of the University of Oklahoma	N/A	\$1,795	\$808	-0-
Baughner	Madeline	CPGS	Business and Computer Science	Oklahoma Space Grant Consortium – NASA Scholarships and Workforce Development, Year 1	National Aeronautics and Space Administration (NASA)	Board of Regents of the University of Oklahoma	\$16,315	\$9,020	\$7,295
Baughner	Madeline	CPGS	Business and Computer Science	Oklahoma NASA EPSCoR – Research Infrastructure Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$3,566	-0-	-0-
Baughner	Madeline	CPGS	Business and Computer Science	Oklahoma NASA EPSCoR – Research Implementation Grant	Board of Regents of the University of Oklahoma	N/A	\$1,885	\$848	-0-
Baughner	Madeline	CPGS	Business and Computer Science	A Hybrid Photovoltaic Up/Down Conversion and Biological System for Extended Space Flight	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$5,943	\$5,943	-0-
Baughner	Madeline	CPGS	Business and Computer Science	Experimental Program to Stimulate Competitive Research Infrastructure Development (RID)	Board of Regents for the University of Oklahoma	N/A	\$1,885	\$1,697	-0-
Baughner	Madeline	CPGS	Business and Computer Science	Oklahoma NASA EPSCoR – Research Implementation Grant, Year 3	Board of Regents for the University of Oklahoma	N/A	\$5,515	\$4,965	-0-
Baughner	Madeline	CPGS	Business and Computer Science	Oklahoma NASA EPSCoR – Research Infrastructure	National Aeronautics and Space	University of Oklahoma	\$5,514	\$8,457	-0-

Last Name	First Name	College	Department	Project Title	Sponsor/Agency	Subagency	Grant Value	SWOSU Cash Match	SWOSU Indirect
				Development Grant – Year 3	Administration (NASA)				
<b>Baughner</b>	<b>Madeline</b>	CPGS	Business and Computer Science	Oklahoma NASA EPSCoR – Research Infrastructure Development Grant – Year 3	Board of Regents for the University of Oklahoma	N/A	\$5,516	\$2,481	-0-
<b>Baughner</b>	<b>Madeline</b>	CPGS	Business and Computer Science	Oklahoma NASA Space Grant Consortium 2015-2018	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$23,539	\$16,000	\$4,705
<b>Baughner</b>	<b>Madeline</b>	CPGS	Business and Computer Science	Experimental Program to Stimulate Competitive Research Infrastructure Development (RID) Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,885	\$1,697	-0-
<b>Baughner</b>	<b>Madeline</b>	CPGS	Business and Computer Science	Oklahoma NASA Space Grant College and Fellowship Program – Year 2	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$4,600	\$2,064	-0-
<b>Baughner</b>	<b>Madeline</b>	CPGS	Business and Computer Science	Oklahoma NASA EPSCoR – Research Implementation Grant – Year 2	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,885	\$1,697	-0-
<b>Baughner</b>	<b>Madeline</b>	CPGS	Business and Computer Science	Oklahoma NASA EPSCoR-Research Implementation Grant –Year 2	Board of Regents for the University of Oklahoma	N/A	\$2,023	\$910	-0-
<b>Campbell Esjornson</b>	<b>Brian David</b>	CAS CAS	Chemistry and Physics	Summer Science and Mathematics Academy (2015)	Oklahoma State Regents for Higher Education	N/A	\$33,000	\$5,000	-0-
<b>Campbell Esjornson</b>	<b>Brian David</b>	CAS CAS	Chemistry and Physics	Summer Science and Mathematics Academy (2016)	Oklahoma State Regents for Higher Education	N/A	\$42,850	\$5,000	-0-

Last Name	First Name	College	Department	Project Title	Sponsor/Agency	Subagency	Grant Value	SWOSU Cash Match	SWOSU Indirect
<b>Evert</b>	<b>Jeremy</b>	CPGS	Business and Computer Science	Undergraduate Research of High Performance Computing and Data Analysis for the Study of Large Data Sets	Argosy Foundation	N/A	\$2,817.23	\$2,817.23	-0-
<b>Holgado Lee Bryant</b>	<b>Andrea Sophia Brad</b>	CAS CAS CPGS	Biology Music Engineering Technology	Creating opportunities for basic research, applied research, and technology development	Oklahoma Center for the Advancement of Science and Technology (OCAST)	N/A	\$30,000	\$30,000	-0-
<b>Hubin</b>	<b>Timothy</b>	CAS	Chemistry and Physics	Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology, Year 5	National Science Foundation (NSF)	Oklahoma State University	\$19,825	\$5,395	-0-
<b>Jeong</b>	<b>E. K.</b>	CAS	Art, Communication and Theatre	The Visiting Artist Program	Oklahoma Arts Festival	N/A	\$2,000	\$5,000	-0-
<b>Manning Billey</b>	<b>Sherron Terry</b>	CAAP CAAP	ADM ADM	Patterson Field House Bleacher Refurbishment	Midwestern Oklahoma Development Authority	N/A	\$20,000	\$50,722	-0-
<b>Misak</b>	<b>Doug</b>	ADM	Business Enterprise Center	Southwest Oklahoma Impact Coalition	Southwest Oklahoma Impact Coalition	N/A	\$45,485	\$0	\$20,468
<b>Misak</b>	<b>Doug</b>	ADM	Business Enterprise Center	University Center	U. S. Department of Commerce	Economic Development Administration	\$102,590	\$102,590	-0-
<b>Misak</b>	<b>Doug</b>	ADM	Business Enterprise Center	Southwest Oklahoma Impact Coalition	Southwest Oklahoma Impact Coalition	N/A	\$500	\$500	-0-

Last Name	First Name	College	Department	Project Title	Sponsor/Agency	Subagency	Grant Value	SWOSU Cash Match	SWOSU Indirect
Misak	Doug	ADM	Business Enterprise Center	SWOSU Technical Assistance Program	U. S. Department of Commerce	Economic Development Administration	\$100,000	\$100,000	-0-
Peters	Siriporn	CAS	Art, Communication and Theatre	Cheyenne Art Workshop and Exhibition	Oklahoma Arts Council	N/A	\$1,000	\$2,900	-0-
Tirk	Richard	CAS	Department of Music	46 <sup>th</sup> Annual SWOSU Jazz Festival	Oklahoma Arts Council	N/A	\$2,400	-0-	\$6,500
Woods Jr	John	CAS	Department of Mathematics	KESAM Statewide Partnerships 2015	U. S. Department of Education	Oklahoma State Regents for Higher Education	\$135,000	\$10,000	-0-

**TOTALS:     \$579,507.23   \$379,057.23   \$39,598**

## FY16 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
<b>Barnett</b>	<b>Randy</b>	CPGS	N/A	Psychology	Strengthening Custody and Transition Services Pilot Program	Oklahoma Commission on Children and Youth	N/A	\$45,000	\$12,682
<b>Baughner</b>	<b>Madeline</b>	CPGS	SBT	Business and Computer Science	Oklahoma Space Consortium – NASA Partnership with Community Colleges	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$22,618	\$6,716
<b>Misak</b>	<b>Doug</b>	ADM	N/A	Business Enterprise Center	University Center	U. S. Department of Commerce	Economic Development Administration	\$102,590	\$20,468
<b>Novoy</b>	<b>Jamie</b>	ADM	N/A	Upward Bound Program	Upward Bound Program	U. S. Department of Education	N/A	\$378,592	\$22,856
<b>Rose</b>	<b>Ken</b>	CPGS	N/A	Professional and Graduate Studies	Lawton Adventure Program	Office of Juvenile Affairs	N/A	\$190,452.19	\$28,165.34
<b>Rose</b>	<b>Ken</b>	CPGS	N/A	Professional and Graduate Studies	Foss Lake Adventure Program	Office of Juvenile Affairs	N/A	\$117,812.22	\$22,563.52
<b>Rose</b>	<b>Ken</b>	CPGS	N/A	Professional and Graduate Studies	Cedar Canyon Adventure Program	Office of Juvenile Affairs	N/A	\$118,349.28	\$23,504.20
<b>Trubitsyn</b>	<b>Dennis</b>	CAS	N/A	Biological Sciences	Bioinformatics and quantitative real-time PRC analysis of magnetosome formation genes	National Institutes of Health	University of Oklahoma Health Sciences Center	\$11,513	\$3,573

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE	F&A COSTS AWARDED
Woods	John	CAS	N/A	Mathematics	KESAM Statewide Partnerships 2015	U. S. Department of Education	Oklahoma State Regents for Higher Education	\$135,000	\$9,259

**TOTALS: \$1,121,926.69      \$149,787.06**



## FY16 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL SCIENCE FOUNDATION**, through **OKLAHOMA EPSCoR**, awarded a grant in the amount of \$10,000 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 and Dr. Lori Gwyn**.

The **NATIONAL INSTITUTES OF HEALTH**, through the **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, awarded a grant in the amount of \$5,000 for the week long summer math and science camp for girls. *Tech Trek at SWOSU* will take place on the campus for the third year. The funding will assist in supporting this college-like experience for the campers from around the state of Oklahoma. The primary function of the award is instruction. The principal investigators of the grant are **Dr. Lisa Appeddu, Dr. Lori Gwyn, and Cindi Albrightson**.

The **AMERICAN ASSOCIATION OF UNIVERSITY WOMEN** awarded a grant in the amount of \$10,000 for the *Tech Trek at SWOSU*. 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 2016. 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 the **OKLAHOMA EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR)**, awarded a grant in the amount of \$10,500 for the program, *Tech Trek Math and Sciences Camp for Eighth Grade Girls*, to assist in the funding of the third 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, Dr. Lori Gwyn, Cindi Albrightson, Jorie Edwards, and Kristin Woods**.

The **CITY OF WEATHERFORD, HOTEL/MOTEL COMMITTEE** awarded a grant in the amount of \$4,000 for the *2015 AIJ Conference* to be held at Southwestern Oklahoma State University. The funds will be used to conduct the conference on campus. The conference will promote the city of Weatherford via postcard mailings, on its website and other conference forms. The conference schedule features Weatherford's downtown and other locations. The primary function of the award is public service. The principal investigators for the grant are **Dr. Lisa Appeddu and Dr. Tami Moser**.

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**.

## FY16 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 - 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**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a subaward in the amount of \$5,659 to SWOSU for the project, *Radiation Smart Structure with Hrich Nanostructured Multifunctional Materials*. Dr. Baugher will be responsible for longitudinal tracking and supporting Dr. Snowden and Dr. Ranji Vaidyanathan in producing annual reports required by NASA headquarters. 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 subaward to SWOSU under the *Oklahoma NASA EPSCoR - Research Infrastructure Grant* in the amount of \$3,586. 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 \$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 **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**.

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**.

## FY16 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 held on campuses across the state. 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 for the project, *Oklahoma NASA EPSCoR – Research Implementation Grant* in the amount of \$1,885. The funds will assist Ms. Baugher to continue support for researchers and students involved in NASA programs. 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 subaward for the project, *A Hybrid Photovoltaic Up/Downconversion and Biological System for Extended Space Flight*, in the amount of \$5,943. The funds will be used to support one credit hour for Ms. Baugher as she undertakes longitudinal tracking and support Dr. Snowden and Dr. Hari in producing the annual reports required by NASA headquarters. 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 subaward for year one for the project, *Experimental Program to Stimulate Competitive Research Infrastructure Development (RID)* Grant in the amount of \$1,885. This funding will support the work of Madeline Baugher to coordinate the annual statewide Travel Grant solicitations; and research initiation and implementation grant solicitations. 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 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**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a subaward for the project, *EPSCoR Research Infrastructure Development Grant* in the amount of \$5,514 for year three. The funds will be used by Ms. Baugher to coordinate the annual statewide Travel Grant solicitations; Research Initiation Grant solicitation and Research 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**.

## FY16 SUMMARIES OF EXTRAMURAL AWARDS

The **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification in the amount of \$5,516 for the project, *EPSCoR Research Infrastructure Development Grant*. The funds will be used by Ms. Baugher to coordinate the annual statewide Travel Grant solicitations; Research Initiation Grant solicitation and Research 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 for the project, *NASA Oklahoma Space Grant 2015-2018*, in the amount of \$23,539. The funds will be used to conduct activities within the NASA programmatic areas for Space Grant: Fellowships, Higher Education, Research Infrastructure, Pre-College, and Informal Education. 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 subaward for year one for the project, *Experimental Program to Stimulate Competitive Research Infrastructure Development (RID) Grant* in the amount of \$1,885. This funding will support the work of Madeline Baugher to coordinate the annual statewide Travel Grant solicitations; and research initiation and implementation grant solicitations. 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 supplemental grant in the amount of \$4,600 to fund the project, *Oklahoma NASA Space Grant Consortium - NASA Partnership with Community Colleges*. This funding will support the work of Madeline Baugher in working with the newly appointed Redlands Community College Science Investigator to successfully complete the NASA required reports and all data collection of the project. The primary function of the award 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 \$4,600 for year two for the project, *Space Grant College and Fellowship Program (Year 2)*. The funds will assist Ms. Baugher to 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 - Research Implementation Grant, Year 2*, in the amount of \$1,885. This funding will support the work of Madeline Baugher in preparing annual reports required by NASA headquarters. The primary function of the award is research. The principal investigator is **Ms. Madeline Baugher**.

## FY16 SUMMARIES OF EXTRAMURAL AWARDS

The **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a sub-award to SWOSU under the *Oklahoma NASA EPSCoR - Research Implementation Grant* in the amount of \$2,023. 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 grant modification in the amount of \$11,416 for year two 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 **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a sub-award in the amount of \$2,070 for year four for the project, *Oklahoma Space Grant Consortium – NASA Partnership with Community Colleges*. 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 **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a sub-award in the amount of \$4,600 for year two for the project, *Oklahoma Space Grant Consortium – NASA College and Fellowship Program*. 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 **OKLAHOMA COMMISSION FOR TEACHER PREPARATION** and **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$32,712 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 investigator is **Dr. Ruth Boyd**.

The organization, **CAMPUS COMPACT**, awarded a grant in the amount of \$4,000 to fund the project, *SWOSU Civic Partnership Initiative Program*. Staff from Southwestern Oklahoma State University and Clinton High School attended the Urban and Regional Partnerships for Civic Learning and Student Success Action Summit in Baltimore, Maryland to learn additional ways in which the University can be more inclusive and ease the transition from common education to higher education for underrepresented students. The principal investigation of the grant is **Dr. Ruth Boyd**.

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 2015. 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**.

## FY16 SUMMARIES OF EXTRAMURAL AWARDS

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$42,850 to fund the *Summer Science and Mathematics Academy* for 2016. 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 **NATIONAL INSTITUTES OF HEALTH**, through the **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, awarded a grant in the amount of \$1,324 for the project, *Presentation at Economics Botany/Open Science Network Meeting*. The funds will be used to travel to Kentucky for the conference, as well as an opportunity for ecological observation independent of the conference. The primary function of the grant is research. The principal investigator of the grant is **Dr. Lisa Castle**.

The **UNIVERSITY OF PITTSBURGH** awarded a grant in the amount of \$4,993.10 for the project, *PLE Early Career Fellowship*. The funds will be used as a summer research fellowship for Dr. Rickey Cothran. PLE is a vibrant research and education facility located on Lake Pymatuning in Northwest Pennsylvania. The primary function of the grant is research. The principal investigator is **Dr. Rickey Cothran**.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$10,476 for the project, *Effects of commonly used garden pesticides on the development of a sexually selected trait*. The funds will be used to assess how commonly used garden pesticides affect the development of a sexually selected trait in freshwater amphipods in the genus *Hyalella*. Two biology students have been selected and will work with Dr. Cothran in conducting this research project. The primary function of the grant is research. The principal investigator of the grant is **Dr. Rickey Cothran**.

The **NATIONAL SCIENCE FOUNDATION**, through **OKLAHOMA STATE UNIVERSITY**, awarded a grant in the amount of \$5,000 to fund travel for student majors to attend the 251<sup>st</sup> National American Chemical Society (ACS) Meeting in San Diego, CA. National ACS Meetings are the premier venue for chemists from across the nation to present recent research, educational projects, and accomplishments. The primary function of the award is research. The principal investigator of the grant is **Dr. Trevor Ellis**.

The **NATIONAL INSTITUTES OF HEALTH**, through the **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, awarded a grant in the amount of \$2,200 for the project, *Synthesis of Chemical Signaling Gamma-butyrolactone (GBL) Based A-Factor Analogues*. With this funding, research on the application of natural signaling molecules to induce the production of antimicrobial agents which stem from silent biosynthetic pathways will be pursued. The primary function of the grant is research. The principal investigator of the grant is **Dr. Trevor Ellis**.

## FY16 SUMMARIES OF EXTRAMURAL AWARDS

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$6,696 for the project, *Preparation of Chemical Signaling Molecule A-Factor*. The funds will be used to investigate the class of bacteria through the application of a known series of signaling agents produced by *Actinomyces* species of bacteria. Under the supervision of Dr. Trevor Ellis, the primary focus of the summer undergraduate research student will be the preparation of A-Factor 1. The primary function of the grant is research. The principal investigator of the grant is **Dr. Trevor Ellis**.

The **WOMEN'S FOUNDATION OF OKLAHOMA** awarded a grant in the amount of \$3,500 for the project, *SWOSU Single Moms' Network*. This grant will assist SWOSU to establish a single moms' network and recognized campus club to support single mother students. The purpose of the program is to provide a network of support services designed to empower single moms to complete their degrees. The primary function of the award is public service. The principal investigator of the grant is **Dr. Amanda Evert**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION** through the **UNIVERSITY OF OKLAHOMA**, awarded a grant in the amount of \$2,817.23 for the project, *Undergraduate research of high performance computing and data analytics for the study of large data sets*. The funds will be used to assist SWOSU faculty in leading undergraduate students in research to support the goals of the Climate and Radiation Laboratory at the NASA Goddard Space Flight Center. The primary function of the award is research. The principal investigator of the grant is **Dr. Jeremy Evert**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant in the amount of \$35,935 for the project, *Undergraduate research in space-based climate and radiation data using high performance computing*. The funds will be used to help develop research ideas and initiate projects related to NASA's Mission Directorates. The grant is primarily intended to support graduate assistants, undergraduate assistants, materials and supplies, and travel to NASA Centers for extended research visits. The primary function of the grant is research. The principal investigator of the grant is **Dr. Jeremy Evert**.

The **ARGOSY FOUNDATION**, through the **OKLAHOMA FIRST**, awarded a grant in the amount of \$2,300 for the project, *FTC Robotic Kit Loaner Management for Oklahoma High Schools*. The funds will be used to ship or transport loans kits to rookie FTC teams. These teams will be mentored during the competition season and will be able to quickly build a FTC robot during the fall and spring competition season. The primary function of the grant is instruction. 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**.

## FY16 SUMMARIES OF EXTRAMURAL AWARDS

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 FOR HIGHER EDUCATION** awarded a grant in the amount of \$6,663 for the project, *Investigation of DNA hydrolysis activity of Zinc-Cyclen and Zinc-Cyclam Complexes*. The funds will be used to introduce a student to a cutting edge biomedical research project by investigating the DNA hydrolysis properties of unique Zinc-Cyclen and Zinc-Cyclam metal complexes. The primary function of the grant is research. The principal investigator of the grant is **Dr. Lori Gwyn**.

The **TMF HEALTH QUALITY INSTITUTE** awarded a contract in the amount of \$7,055 for the project, *Diabetes Self-Management Education Program*. The funds will be used for Rural Health in the College of Pharmacy to participate in collaborative activities to increase the availability of Diabetes Self-Management Education classes and increase the number of persons with diabetes completing DSME, particularly among hard-to-reach low-literacy populations. The primary function of this award is public service. The principal investigator is **Dr. Aimee Henderson**.

The **OKLAHOMA STATE REGENTS OF HIGHER EDUCATION** awarded a grant in the amount of \$5,616 for the project, *Examining the role of autophagy in C. elegans developing neurons*. The funds will be used to mentor a Biology major and introduce her to the intricacies of Neuroscience research and *C. elegans* as a model organism, and meet set mentoring goals. The primary function of the grant is research. The principal investigator is **Dr. Andrea Holgado**.

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 \$2,200 for the project, *Analysis of Autophagy in Neurons*. This undergraduate summer research program will allow a Biological Sciences student to work with Dr. Holgado in investigating the impact of autophagy in neuronal development. The primary function of the grant is research. The principal investigator of the grant is **Dr. Andrea Holgado**.



## FY16 SUMMARIES OF EXTRAMURAL AWARDS

The **OKLAHOMA CENTER FOR THE ADVANCEMENT OF SCIENCE AND TECHNOLOGY (OCAST)** awarded a grant in the amount of \$30,000 to fund the project, *Creating opportunities for basic research, applied research, and technology development*. SWOSU students will be coordinated with internships in areas of biomedicine, music therapy, and engineering technology. The goal of the SWOSU program is to inspire students in basic research, applied research, and technology development to advance knowledge and contribute with viable innovative products, services and processes for lasting positive economic and societal impact. The primary function of the award is research. The principal investigators of the grant are **Dr. Andrea Holgado, Dr. Sophia Lee, and Mr. Brad Bryant**.

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 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 \$21,500 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 **NATIONAL SCIENCE FOUNDATION**, through **OKLAHOMA STATE UNIVERSITY**, awarded a grant in the amount of \$19,825 to fund the project, *Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology (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 **NATIONAL INSTITUTES OF HEALTH, through the UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, awarded a grant in the amount of \$1,335 to fund travel to the 251<sup>st</sup> National American Chemical Society (ACS) Meeting in San Diego, CA. Dr. Tim Hubin will present the research, *Antifungal and anti-parasitic transition metal complexes of linked, bridged tetraazamacrocycles*, at the meeting. National ACS Meetings are the premier venue for chemists from across the nation to present recent research, educational projects, and accomplishments. The primary function of the award is research. The principal investigator of the grant is **Dr. Tim Hubin**.

## FY16 SUMMARIES OF EXTRAMURAL AWARDS

The **UNIVERSITY OF HULL** awarded a contract in the amount of \$10,000 to fund the project, *Hull Postdoctoral Support*. The funds will be used to pay the undergraduate researcher's salary, travel and living expenses from March 9 – July 4. H will be working with Professor Steve Archibald at the University of Hull. The primary function of this award is research. The principal investigator is **Dr. Tim Hubin**.

The **NATIONAL INSTITUTES OF HEALTH**, through **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, awarded a grant in the amount of \$40,766 for the project, *Inhibition of cancer metastasis with IL-24 nanotherapy and CXCR4 antagonists*. The funding will assist to develop a therapy to inhibit cancer metastasis that combines long-term signal blocking by efficient small molecule CXCR4 antagonists with inhibition of CXCR4 expression through the tumor suppressor gene IL-24. The primary function of the grant is research. The principal investigator of the grant 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 **NATIONAL SCIENCE FOUNDATION**, through **OKLAHOMA STATE UNIVERSITY**, awarded a supplemental grant in the amount of \$28,550 for the project, *NSF Supplemental to OK-LSAMP for Student Research in Hull*. The funds will be used to continue a research started in the summer 2015 with the visit of Professor Steve Archibald and Post-Doc Ben Burke, from the University of Hull to Southwestern Oklahoma State University (SWOSU). This project will now continue with two OK-LSAMP students spending the summer at the University of Hull under the supervision of these same two scientists. The primary function of the grant is research. The principal investigator of the grant is **Dr. Tim 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 ARTS COUNCIL** awarded a grant in the amount of \$2,000 for the project, *The Visiting Artist Program*. The funds will be used to coordinate exhibitions, presentations, and workshops that are open to the public. It will include various genres of visual arts by artist/art educators from diverse backgrounds for the community members of Western Oklahoma. The primary function of the grant is public service. The principal investigator of the grant is **Dr. E. K. Jeong**.

## FY16 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 **OKLAHOMA ARTS COUNCIL** awarded a grant in the amount of \$750 to fund the upcoming Zhou Long Residency at the University of Oklahoma. This Residency is collaboration between the Flute New Music Consortium, the University of Oklahoma, and Southwestern Oklahoma State University. The residency seeks to celebrate new music and unite students, performers, and composers from across Oklahoma while also marking the close of a two year commissioning project between FNMC and composer Zhou Long. The primary function of the award is public service. The principal investigator of the grant is **Dr. Shelley Martinson**.

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 \$45,485 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**.

The **OKLAHOMA STATE REGENTS FOR HIGHER 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 COMMERCE**, through the **ECONOMIC DEVELOPMENT ADMINISTRATION**, awarded a grant in the amount of \$100,000 for year 1 for the project, *SWOSU Technical Assistance Program*. With this funding, SWOSU's University Center will provide technical assistance and applied research to the service region with the goal of enhancing regional economic development by promoting a favorable business environment to attract private capital investment and higher-skill, higher-wage jobs. The primary function of the award is public service. The principal investigator of the grant is **Mr. Doug Misak**.

## FY16 SUMMARIES OF EXTRAMURAL AWARDS

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 **U. S. DEPARTMENT OF AGRICULTURE**, through the **OKLAHOMA STATE DEPARTMENT OF EDUCATION**, awarded a grant in the amount of \$7,565 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 **NATIONAL INSTITUTES OF HEALTH**, through the **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, awarded a grant in the amount of \$2,000 for the project, *Pathogenesis of Pseudomonas aeruginosa in Microgravity*. The funds will be used by Dr. Eric Paul to present his research project as a poster presentation at the American Society for Microbiology Microbe Conference in Boston, MA in June 2016. The primary function of the grant is research. The principal investigator of the grant is **Dr. Eric Paul**.

The **OFFICE OF JUVENILE AFFAIRS** awarded a contract in the amount of \$117,812.22 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 \$190,452.19 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**.

## FY16 SUMMARIES OF EXTRAMURAL AWARDS

The **OFFICE OF JUVENILE AFFAIRS** awarded a contract in the amount of \$118,349.28 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**.

The **CITY OF WEATHERFORD, HOTEL/MOTEL ADVISORY COMMITTEE** awarded a grant in the amount of \$35,000 to fund the project, *Promotion of Multiple Tourism Focused Events*. These funds will be used to promote upcoming events at the Pioneer Cellular Event Center in Weatherford, OK. The primary function of the award is public service. The principal investigator of the grant is **Mr. Nathan Smith**.

The **OKLAHOMA ARTS COUNCIL** awarded a grant in the amount of \$2,400 to fund the *46th 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 **CITY OF WEATHERFORD, HOTEL-MOTEL TAX ADVISORY COMMITTEE** awarded a grant in the amount of \$2,000 to fund the *46th 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**.

The **NATIONAL INSTITUTES OF HEALTH, through the UNIVERSITY OF OKLAHOMA HEALTH SCIENCES CENTER**, awarded a grant in the amount of \$11,513 for the project, *Bioinformatics and quantitative real-time PRC analysis of magnetosome formation genes*. The funds will be used to investigate the differences in levels of RNA transcribed from genes known to be involved in magnetosome formation in two organisms. The primary function of the grant is research. The principal investigator of the grant is **Dr. Denis Trubitsyn**.

The **NATIONAL INSTITUTES OF HEALTH, through the OKLAHOMA IDeA NETWORK OF BIOMEDICAL RESEARCH EXCELLENCE (OK-INBRE)**, awarded a grant in the amount of \$25,000 for the project, *2016 Oklahoma INBRE Carryforward Equipment Funds Support Award*. The funds will be used to purchase equipment for the Chemistry and Physics Department for faculty and students to support their research. The primary function of the award is research. The principal investigator of the grant is **Dr. Muatasem Ubeidat**.

## FY16 SUMMARIES OF EXTRAMURAL AWARDS

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 STATE 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 FY12 – FY16

	<u>FY12</u>	<u>FY13</u>	<u>FY14</u>	<u>Fy15</u>	<u>FY16</u>
<b><u>Supplemental Assistance</u></b>					
Number of Students Sponsored	16	11	12	9	9
Number of Faculty Sponsored	30	31	20	17	17
Number of Administration Sponsored	1	1	1	0	0
Number of Staff Sponsored	0	0	0	0	0
Number of Other Sponsored	0	0	0	0	0
Total Amount	<b>\$15,708</b>	<b>\$17,954</b>	<b>\$15,139</b>	<b>\$12,000</b>	<b>\$12,548.12</b>

<b><u>Organized Research</u></b>					
College of Arts and Sciences	\$22,137	\$22,781	\$23,298	\$22,349	\$22,696
College of Pharmacy	\$2,754	\$6,648	\$5,400	\$5,400	\$5,400
College of Professional and Graduate Studies	\$17,828	\$20,886	\$20,104	\$14,814	\$22,696
Total Amount	<b>\$42,719</b>	<b>\$50,315</b>	<b>\$48,802</b>	<b>\$42,563</b>	<b>\$50,792</b>

<b><u>Proposal Development Awards</u></b>					
Number of Faculty and Staff	4	3	1	2	4
Total PDA Awarded to Faculty	\$12,000	\$12,000	\$5,985	\$12,000	\$23,964
Total Proposal Dollars Submitted to Agencies from Prior FY	\$2,879,652	\$97,008	\$745,245	\$79,352	\$642,759
Total Proposal Dollars Awarded by Agencies from Prior FY	<b>\$29,716</b>	<b>\$70,000</b>	<b>\$0*</b>	<b>\$0*</b>	<b>\$6,663</b>

\*Funding announcement pending



## FY16 SUPPLEMENTAL ASSISTANCE STUDENT SCHOLARLY ACTIVITY

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	FACULTY SPONSOR	LOCATION OF PRESENTATION	EXPENSES
Dhoonmoon	Ashna	CAS	N/A	Biological Sciences	Dr. Rickey Cothran	Society for Integrative and Comparative Biology Annual Meeting, Portland, OR	\$500
Duckwall	Madison	CAS	N/A	Chemistry and Physics	Dr. Lori Gwyn	National American Chemical Society Meeting, San Diego, CA	\$500
Gregston	Jake	CAS	N/A	Biological Sciences	Dr. Andrea Holgado	Neuroscience Conference, Chicago, IL	\$500
Jansing	Elizabeth	CAS	N/A	Biological Sciences	Dr. Andrea Holgado	Neuroscience Conference, Chicago, IL	\$500
Oertel	Megan	CAS	N/A	Chemistry and Physics	Dr. Lori Gwyn	National American Chemical Society Meeting, San Diego, CA	\$500
O'Neal-Johnson	Sequojah	CAS	N/A	Chemistry and Physics	Dr. Lori Gwyn	National American Chemical Society Meeting, San Diego, CA	\$500
Powers	Ashley	CAS	N/A	Biological Sciences	Dr. Andrea Holgado	Neuroscience Conference, Chicago, IL	\$500
Van	Lyly	CAS	N/A	Biological Sciences	Dr. Andrea Holgado	Neuroscience Conference, Chicago, IL	\$500
Woods	John	CAS	N/A	Chemistry and Physics	Dr. Trevor Ellis	National American Chemical Society Meeting, San Diego, CA	\$500

**TOTAL STUDENT EXPENSES:           \$4,500.00**

## FY16 SUPPLEMENTAL ASSISTANCE FACULTY SCHOLARLY ACTIVITY

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	LOCATION OF PRESENTATION	EXPENSES
Alsberg	Fred	CAS	N/A	Language and Literature	Popular Culture Association/American Culture Association National Conference, Seattle, WA	\$500
Cash	Jason	CAS	N/A	Language and Literature	Popular/American Culture Association Conference, Albuquerque, NM and the American Conference for Irish Studies South Bend, IN	\$500
Cook	Christi	CAS	N/A	Language and Literature	Popular Culture/American Culture Association National Conference, Seattle, WA	\$500
Cothran	Rickey	CAS	N/A	Biological Sciences	Society for Integrative and Comparative Biology Annual Meeting, Portland, OR	\$500
Ellis	Trevor	CAS	N/A	Chemistry and Physics	National American Chemical Society Meeting, San Diego, CA	\$500
Ghosh	Swarup	CAS	N/A	Mathematics	Joint Mathematics Meeting, Seattle, WA	\$500
Gwyn	Lori	CAS	N/A	Chemistry and Physics	National American Chemical Society Meeting, San Diego, CA	\$500
Holgado	Andrea	CAS	N/A	Biological Sciences	Neuroscience Conference, Chicago, IL	\$500
Hubin	Tim	CAS	N/A	Chemistry and Physics	National American Chemical Society Meeting, San Diego, CA	\$500
Jeong	E.K.	CAS	N/A	Art, Communication, and Theatre	Hawaii University International Conferences on Art, Humanities, Social Sciences and Education	\$450.12
Lee	Sophia	CAS	N/A	Music	American Music Therapy Association Conference	\$500
Martinson	Shelley	CAS	N/A	Music	National Flute Association Convention	\$500

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>COLLEGE</b>	<b>SCHOOL</b>	<b>DEPARTMENT</b>	<b>LOCATION OF PRESENTATION</b>	<b>EXPENSES</b>
Miller	April	CAAP	N/A	Sayre	Wyoming Library Association/ Mountain Plains Library Association Conference	\$500
Murray	Frederic	SWOSU Libraries	N/A	Al Harris Library, Weatherford Campus	International Conference of Indigenous Archives, Libraries, and Museums	\$500
Sevin	Tugba	CAS	N/A	Language and Literature	Don Quijote and the Mediterranean World Conference	\$500
Sevin	Tugba	CAS	N/A	Language and Literature	Tierra Tinta Conference	\$148
Sevin	Tugba	CAS	N/A	Language and Literature	Annual Conference of the Comparative Studies Student Association	\$450

**TOTAL FACULTY EXPENSES: \$8,048.12**

## FY16 ORGANIZED RESEARCH COLLEGE OF ARTS AND SCIENCES

LAST NAME	FIRST NAME	PROJECT TITLE	ALLOCATION	EXPENSES
Holmes	Debra	“Create a Puppet Play” Workshop for OSTCA	\$1,050	\$667.25
Horton	Chris	Identifying Novel Mechanisms of Helper T cell differentiation	\$2,000	\$1,929.94
Cash	Jason	1) “Taking on the Shape of Someone Else’s Pain’: U2 and Irish Postmemory” 2) “Rubbed-out men in the rabbled empire of the Queen’: Transnational Utopianism in the Sebastian Barry’s <i>The Whereabouts of Eneas McNulty</i> ”	\$2,000	\$2,000
McGrane	Regina	Evaluating the mechanism of pathogen priming induced by <i>Pseudomonas Putida</i> against <i>Pseudomonas syringae</i>	\$2,000	\$1,980.19
Jones	Zach	Non-native vs. native grassland habitat influences on vertebrate populations	\$2,000	\$2,000
Ghosh	Swarup	Finitely generated counterexample of the peak point conjecture and uniform algebra with hull, but with no non-trivial Gleason part	\$1,800	\$1,800
Sevin	Tugba	Language and Identity	\$2,000	\$2,000
Henrikson	Jon	Elucidation of changes in secondary metabolic production through chemical signaling among antibiotic production bacteria	\$2,000	\$1,988.15
Chen	Yu-Ling	The Effect of Musical Attention Control Training (MACT) for Children with Dyslexia	\$500	\$189
Chen	Yu-Ling	Using Music Therapy to Promote Physical, Cognitive, and Psychological Well-being in Older Adults – Three Projects	\$500	\$810.91
Ellis	Trevor	A Novel Approach to the Asymmetric Synthesis of B-Substituted Pyroglutamic Acids	\$750	\$748.13
Gwyn	Lori	Construction of Arsenic Biosensors for a Biochemistry Lab Module	\$900	\$898.79
Trubitsyn	Dennis	Molecular mechanisms of magnetosome formation: role of the Magnetosome-associated protein Mad2 in crystal morphology	\$2,000	\$1,999.36

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>PROJECT TITLE</b>	<b>ALLOCATION</b>	<b>EXPENSES</b>
<b>Cothran</b>	<b>Rickey</b>	Sexual conflict in an ecological context: insights from amphipods	\$2,000	\$2,000
<b>Peters</b>	<b>Siriporn</b>	Communication Design for People with Disabilities at the National Park Service: Touch and See Your Park	\$1,000	\$1,000

**TOTAL CAS ALLOCATIONS AND EXPENSES:        \$22,500        \$22,011.72**

## FY16 ORGANIZED RESEARCH COLLEGE OF PHARMACY

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>PROJECT TITLE</b>	<b>ALLOCATION</b>	<b>EXPENSES</b>
Appeddu	Lisa	Evaluation of meditation on stress levels and academic performance on Pharmacy students	\$5,400	\$4,061.95

**TOTAL COP ALLOCATIONS AND EXPENSES:      \$5,400      \$4,061.95**

**FY16 ORGANIZED RESEARCH  
COLLEGE OF PROFESSIONAL AND GRADUATE STUDIES**

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>PROJECT TITLE</b>	<b>ALLOCATION</b>	<b>EXPENSES</b>
<b>Evert</b>	<b>Jeremy</b>	Undergraduate Research in Cluster Computing	\$16,809	\$16,809
<b>Li</b>	<b>Jack</b>	Study of Wireless Interface to Internet of Things	\$500	\$500
<b>Wolff</b>	<b>Kathy</b>	Factors That Influence Retention Among First Semester Junior Nursing Students in a Rural BSN Program	\$3,050	\$3,050
<b>Pate</b>	<b>Anne</b>	Health Statistics Data Analysis, Presentations and Publications	\$2,481	\$2,481
<b>TOTAL CPGS ALLOCATIONS AND EXPENSES:</b>			<b>\$22,840</b>	<b>\$22,840</b>

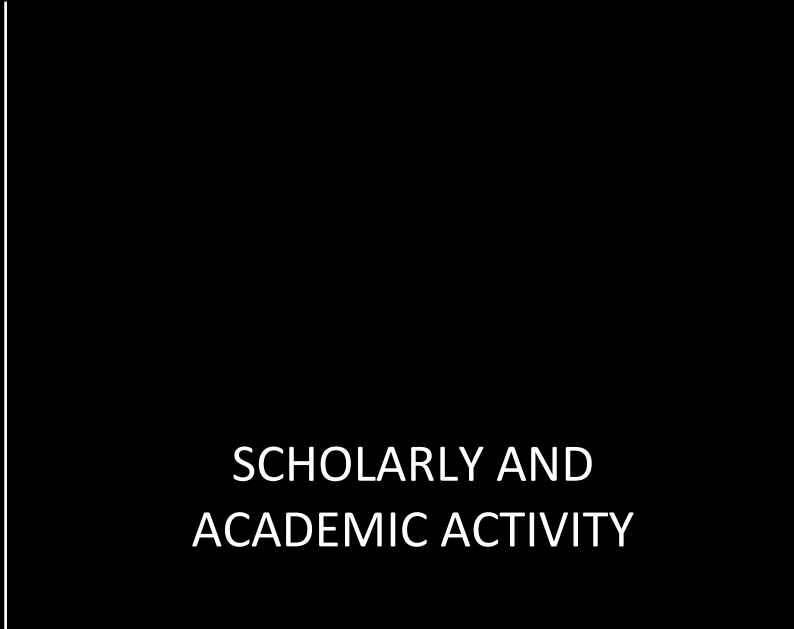
## FY16 PROPOSAL DEVELOPMENT AWARDS

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	PDA AMOUNT AWARDED
Gwyn	Lori	CAS	N/A	Chemistry and Physics	Construction of Modular Artificial Nucleases with Macrocyclic metal ligands and variable DNA binding domains	\$5,854.12
Horton	Christopher	CAS	N/A	Biological Sciences	Co-receptor influence on CD4+ T helper cell differentiation	\$5,891
*Linder	Doug	CAS	N/A	Chemistry and Physics	Oxidation and Reduction Catalysts for the Production of Fine Chemicals	\$6,000
*McGrane	Regina	CAS	N/A	Biological Sciences	Exploring bacterial surface sensing mechanisms and their role in pathogenicity	\$5,964

**TOTAL PROPOSAL DEVELOPMENT AWARDS:        \$23,709.12**

\*Funding provided by the Dean, College of Arts and Sciences





SCHOLARLY AND  
ACADEMIC ACTIVITY

## SCHOLARLY ACTIVITY GUIDE

<b>EXH</b>	Exhibition	<b>PUB-EP</b>	Electronic Publication
<b>GRT-SUB</b>	Grant Submission	<b>PUB-J</b>	Journal Article
<b>INT-NP</b>	Interview Non-Print Media	<b>PUB-L</b>	Lab Manual
<b>INT-PM</b>	Interview Print Media	<b>PUB-M</b>	Monograph
<b>MS</b>	Musical Score	<b>PUB-MZ</b>	Magazine
<b>PAPER</b>	Paper Presentation	<b>PUB-N</b>	Newsletter
<b>O-PRES</b>	Oral Presentation	<b>PUB-NP</b>	Newspaper
<b>PER</b>	Performance	<b>PUB-W</b>	Workbook
<b>POEM</b>	Poem	<b>RA</b>	Review Article
<b>POST</b>	Poster	<b>RB</b>	Review Book
<b>PUB-B</b>	Book	<b>REP</b>	Reprint
<b>PUB-C</b>	Chapter	<b>WP</b>	Workshop Presentation
<b>PUB-E</b>	Editor		

# ACADEMIC ACTIVITY GUIDE

<b>C</b>	Consultant	<b>M/F</b>	Mentor/Facilitator
<b>CA</b>	Committee Appointment	<b>R</b>	Reviewer
<b>D</b>	Discussant	<b>SC</b>	Session Chair
<b>GSI</b>	Guest Speaker/Instructor	<b>SNO</b>	State/National/Local Officer
<b>H</b>	Honor	<b>WC</b>	Workshop Coordinator
<b>J</b>	Judge	<b>WF</b>	Workshop Facilitator

## FY16 SCHOLARLY AND ACADEMIC ACTIVITY

### COLLEGE OF ARTS AND SCIENCES

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Alsberg, Fred</b>	Language and Literature	Reading of Original Poetry	PER	PCA-ACA National Conference, Seattle, WA
<b>Alsberg, Fred</b>	Language and Literature	My Calling	POEM	Red Dirt Review
<b>Alsberg, Fred</b>	Language and Literature	Harry and the Shrink	POEM	Red Dirt Review
<b>Alsberg, Fred</b>	Language and Literature	Kominsky Meets Rosy Wu	POEM	Red Dirt Review
<b>Arcena, Jimena</b>	Biological Sciences	Patch location preference during foraging in fruit flies ( <i>Drosophila melanogaster</i> )	POST	Oklahoma Research Day, NSU, Tahlequah, OK
<b>Arcena, Jimena</b>	Biological Sciences	Pupation height differences in field collected and laboratory fruit flies ( <i>Drosophila melanogaster</i> )	POST	Oklahoma Research Day, NSU, Tahlequah, OK
<b>Astle, Dorie</b>	Social Sciences	Sociology and Your Life with P.O.W.E.R. Learning	RB	McGraw-Hill Education
<b>Astle, Dorie</b>	Social Sciences	The Death Penalty: Baze, Gossip, and Beyond	PUB-J	Oklahoma Bar Journal
<b>Astle, Dorie</b>	Social Sciences	Administration and Management in Criminal Justice	RB	Sage Publications
<b>Astle, Dorie</b>	Social Sciences	Sexual Offenses and Offenders	RB	Sage Publications

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Astle, Dorie</b>	Social Sciences	Imprisonment: Time For A Change	PUB-MZ	Tulsa Lawyer Magazine
<b>Biyogmam, Guy</b>	Mathematics	A Relative Theory for Leibniz n-Algebras	PUB-J	Algebra Colloquium
<b>Biyogmam, Guy</b>	Mathematics	On the Harmonic Oscillator Algebra	PUB-J	Communications in Algebra
<b>Biyogmam, Guy</b>	Mathematics	Some External Properties of the Variety of Leibniz Algebras Left Nilpotent of Class at Most Three	RA	Mathematical Review for the American Mathematical Society
<b>Brown, Dan</b>	Social Sciences	The Great Debate: Guns on College Campuses	POST	23 <sup>rd</sup> Annual SWOSU Research and Scholarly Activity Fair Weatherford, Oklahoma
<b>Castle, Lisa</b>	Biological Sciences	Using the At-Risk Tool to Access the Vulnerability of Native Medicinal and Edible Plants to Over Harvest	POST	23 <sup>rd</sup> Annual SWOSU Research and Scholarly Activity Fair Weatherford, Oklahoma
<b>Castle, Lisa</b>	Biological Sciences	Using the At-Risk Assessment tool to Identify Plant Conservation Properties	O-Pres	Oklahoma Natural Resources Conference Oklahoma City, Oklahoma
<b>Castle, Lisa</b>	Biological Sciences	Prairie Turnips at 15: A Good Model Goes Bad	O-Pres	39 <sup>th</sup> Annual Society of Ethnobiology Conference Tucson, Arizona
<b>Castle, Lisa</b>	Biological Sciences	Lessons Learned from Ranking Medicinal Plants	O-Pres	Society of Economic Botany and Open Science Network in Ethnobiology Pine Mountain Settlement, Kentucky
<b>Chang, Jieun</b>	Social Sciences	Price Discrimination in Media Markets: Evidence from US Magazines	D	Southern Economic Association's 85 <sup>th</sup> Annual Conference in New Orleans, Louisiana

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Chang, Jieun</b>	Social Sciences	Web-based Database Inventory Project	RA	Oklahoma Journal of Undergraduate Research
<b>Chang, Jieun</b>	Social Sciences	An Empirical Study of Customer Satisfaction Research of Sonic Drive-In No Contact	RA	Oklahoma Journal of Undergraduate Research
<b>Cothran, Rickey</b>	Biological Sciences	Sexual selection in an ecological context: Insights from amphipods	GSI	Oklahoma State University
<b>Cothran, Rickey</b>	Biological Sciences	Sex-specific nutrient use and preferential allocation of resources to a sexually selected trait in <i>Hyalella</i> amphipods	PUB-J	Journal of Experimental Biology
<b>Cothran, Rickey</b>	Biological Sciences	The importance of reproductive interference in ecology and evolution: from organisms to communities	PUB-J	Population Ecology
<b>Cothran, Rickey</b>	Biological Sciences	The Microflora Inhabiting Gastrointestinal Tracts of Freshwater Amphipods in the Genus <i>Hyalella</i>	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Cothran, Rickey</b>	Biological Sciences	The Importance of Ecology in Understanding Sexual Conflict: Can Predators Scare Amphipods and Affect Sexual Conflict over Mate Guarding?	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Cothran, Rickey</b>	Biological Sciences	Cost of Courtship: Effect of Male-male Competition on Harm Experienced by Females in <i>Hyalella</i> Amphipods	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Cothran, Rickey</b>	Biological Sciences	Sublethal Effects of Malathion on Amphipod Life History Traits	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Cothran, Rickey</b>	Biological Sciences	A survey for rare mayfly and caddisfly species of greatest conservation need	GRT-SUB	ODWC

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Cothran, Rickey</b>	Biological Sciences	The effects of sexual selection and sexual conflict on the evolution of traits and the health of natural populations experiencing different ecology	GRT-SUB	NSF
<b>Cothran, Rickey</b>	Biological Sciences	Sexual selection in a changing world: How human-induced environment change affects sexual selection and consequently the health of populations	GRT-SUB	EPSCOR
<b>Cothran, Rickey</b>	Biological Sciences	Effects of commonly used garden pesticides on the developmental of a sexually selected trait	GRT-SUB	OK-INBRE
<b>Cothran, Rickey</b>	Biological Sciences	Sexual selection in a changing world: How human-induced environment change affects sexual selection and consequently the health of populations	GRT-SUB	PLE
<b>Davies, Elaine</b>	Art, Communication and Theatre	Past Abuse, Cyberstalking, and Help-Seeking Behavior	PUB-C	Contexts of the Dark Side of Communication Peter Lang, California
<b>Davies, Elaine</b>	Art, Communication and Theatre	Adverse Health Effects Associated with Cyberstalking	PAPER	Western State Communication Association Conference San Diego, California
<b>Gates, Fred</b>	Social Sciences	The Boys of Summer by Roger Kahn	GSI	Let's Talk About it, Oklahoma: Play Ball, The American Sport Meets the American Dream Weatherford Public Library
<b>Gates, Fred</b>	Social Sciences	Preparing and Disseminating Information	SC	Economic and Business History Society Montreal, Quebec, Canada
<b>Grant, Peter</b>	Dean of College of Arts and Sciences	The Mayfly Newsletter	PUB-N	Produced in the CAS Office at Southwestern Oklahoma State University
<b>Hubin, Tim</b>	Chemistry and Physics	NIH-NCI R21 Grant Proposal	GRT-SUB	National Cancer Institute

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Hubin, Tim</b>	Chemistry and Physics	OCAST Health Research Grant Proposal	GRT-SUB	Oklahoma Center for the Advancement of Science and Technology
<b>Hubin, Tim</b>	Chemistry and Physics	Burroughs Wellcome Travel Grant	GRT-SUB	Wellcome Trust
<b>Hubin, Tim</b>	Chemistry and Physics	Crystal structures of two cross-bridged chromium (III) tetraazamacrocycles	PUB-J	Acta Crystallographica Section E: Crystallographic Communications
<b>Hubin, Tim</b>	Chemistry and Physics	Synthesis, structural studies, kinetic stability, and oxidation catalysis of the late first row transition metal tetraazabicyclo[6.5.2] pentadecane	PUB-J	Inorganic Chemistry
<b>Hubin, Tim</b>	Chemistry and Physics	Influence of Calcium(II) and Chloride on the Oxidative Reactivity of a Manganese(II) Complex of a Cross-Bridges Cyclen Ligand	PUB-J	Inorganic Chemistry
<b>Hubin, Tim</b>	Chemistry and Physics	Determination of log P values of new cyclen based antimalarial drug leads using RP-HPLC	PUB-J	Die Pharmazie
<b>Hubin, Tim</b>	Chemistry and Physics	Synthesis and antimalarial activity of metal complexes of cross-bridges tetraazamacrocyclic ligands	PUB-J	Bioorganic and Medicinal Chemistry
<b>Hubin, Tim</b>	Chemistry and Physics	Crystal structure of dichloride (4,11-dimethyl-1,4,8,11-tetraazabicyclo[6.6.2] hexadecane) iron(III) hexafluorophosphate	PUB-J	Acta Crystallographica Section E: Crystallographic Communications
<b>Hubin, Tim</b>	Chemistry and Physics	Synthesis, Structural Studies, and Oxidation Catalysis of the Late-First-Row-Transition-Metal Complexes of a 2-Pyridylmethyl Pendant-Armed Ethylene Cross-Bridges Cyclam	PUB-J	Inorganic Chemistry
<b>Hubin, Tim</b>	Chemistry and Physics	Synthesis, Structural Studies, and Oxidation Catalysis of the manganese(II), Iron(II), and copper(II) complexes of a 2-pyridylmethyl pendant armed side-bridged cyclam	PUB-J	Inorganic Chemistry Communications



<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Hubin, Tim</b>	Chemistry and Physics	Synthesis of Novel tetraazamacrocyclic Bisquinoline derivatives as Potential Antimalarial Agents	PUB-J	Current Organic Synthesis
<b>Hubin, Tim</b>	Chemistry and Physics	IL-24 Inhibits Lung Cancer Cell Migration and Invasion by Disrupting the SDF-1/CXCR <sub>4</sub> Signaling Axis	PUB-J	PLOS ONE
<b>Hubin, Tim</b>	Chemistry and Physics	Probing the Limits of tetraazamacrocyclic-Glyoxal Condensates as Bidentate Ligands for Cu <sup>2+</sup>	PUB-J	European Journal of Inorganic Chemistry
<b>Hubin, Tim</b>	Chemistry and Physics	New cross-bridges cyclam ligands and their transition metal complexes as CXCR <sub>4</sub> antagonist	PUB-J	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	Can Publishable Research Results be Produced in Effective Undergraduate Chemistry Labs?	PAPER	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	Evaluation of a Project Format in the Advanced Inorganic Chemistry Lab at Southwestern Oklahoma State University	PAPER	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	Synthesis and characterization of pyridine-armed reinforced macrocycles and their transition metal complexes as potential oxidation catalysts	PAPER	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	New cross-bridges cyclen ligands and their transition metal complexes as CXCR <sub>4</sub> antagonists	POST	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	Investigation of the activity and mechanism of DNA cleavage by cobalt-cyclen and -cyclam complexes	PAPER	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	Antifungal and anti-parasitic transition metal complexes of linked, bridged tetraazamacrocyclic	PAPER	Abstracts of Papers of the American Chemistry Society

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Hubin, Tim</b>	Chemistry and Physics	Copper and Nickel Complexes as DNA cleavage components for use in artificial nucleases	PAPER	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	New Metals(V, Pd, Ru) and new amide pendant-arms for cross-bridged tetraazamacrocycle oxidation catalyts	PAPER	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	Unsymmetric bis-tetraazamacrocycle transition metal complexes dual CXCR <sub>4</sub> antagonists	PUB-J	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	Bis-and pendant armed tetraazamacrocycle transition metal complex dual CXCR <sub>4</sub> /CCR <sub>5</sub> antagonists	PUB-J	Abstracts of Papers of the American Chemistry Society
<b>Hubin, Tim</b>	Chemistry and Physics	Oklahoma Medal of Excellence	H	Oklahoma Foundation for Excellence
<b>Hubin, Tim</b>	Chemistry and Physics	Oklahoma Outstanding Mentor Award	H	Oklahoma Foundation for Excellence
<b>Jeong, E.K.</b>	Art, Communication and Theatre	Life in Oklahoma as an Exchange Student	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Johnson, Jason</b>	Chemistry and Physics	Investigation the Origin of GTP Inhibition within E. coli CTP Synthetase	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Kurtz, Howard</b>	Social Sciences	When Children Kill Their Parents	INT-NP	Crime Interview on Fox News OKC Oklahoma City, Oklahoma
<b>Kurtz, Howard</b>	Social Sciences	British Corrections	PUB-C	International Encyclopedia of Corrections
<b>Kurtz, Howard</b>	Social Sciences	Charity Benefit Concert	PER	Mustang Fire and Rescue Mustang, Oklahoma

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Kurtz, Howard</b>	Social Sciences	Presentation on Crime	PAPER	Oklahoma Criminal Justice Association Edmond, Oklahoma
<b>Kurtz, Howard</b>	Social Sciences	British and U.S. Corrections, Paper on International Corrections	PAPER	Southwestern Association of Criminal Justice South Padre, Texas
<b>Kurtz, Howard</b>	Social Sciences	British and U.S. Corrections, Paper on International Corrections	PAPER	Oklahoma Criminal Justice Association Edmond, Oklahoma
<b>Kurtz, Howard</b>	Social Sciences	Sociological Presentation on Gender Roles and College Students	PAPER	Southwestern Association of Criminal Justice Meeting South Padre, Texas Southwestern Sociological Association Las Vegas, Nevada
<b>Kurtz, Howard</b>	Social Sciences	National Grant Reviewer	C	Office of Justice Programs Washington, D.C.
<b>Kurtz, Howard</b>	Social Sciences	Acted as Session Chair	SC	South Western Association of Criminal Justice Meeting South Padre, Texas
<b>Kurtz, Howard</b>	Social Sciences	Crime Presentation "Parricide"	C	Southwestern Sociological Association Las Vegas, Nevada
<b>Kurtz, Howard</b>	Social Sciences	Consultation on State Conference for Oklahoma	C	Academy of Criminal Justice Sciences National Meeting Denver, Colorado
<b>Kurtz, Howard</b>	Social Sciences	University Outside Reviewer	R	American Council on Education Washington, D.C.
<b>Lee, ChihChen Sophia</b>	Music Therapy	Effects of music listening on stress, anxiety and sleep quality for sleep disturbed pregnant women	PUB-J	Women & Health

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Lee, ChihChen Sophia</b>	Music Therapy	Prestigious Harmony Award-Education	H	Southwestern Region of American Music Therapy Association Annual Conference Oklahoma City, Oklahoma
<b>Martinson, Shelley</b>	Music	Faculty Solo Recital & Premiere	PER	Southwestern Oklahoma State University Weatherford, Oklahoma
<b>Martinson, Shelley</b>	Music	Recital	PER	Flute Society of Kentucky Flute Festival Richmond, Kentucky
<b>Martinson, Shelley</b>	Music	Recital	PER	College Music Society Great Plains Conference Kansas City, Missouri
<b>Martinson, Shelley</b>	Music	Recital and Premiere Performances	PER	Society of Composers, Inc. Wichita, Kansas
<b>Martinson, Shelley</b>	Music	Guest Artist Recital and Master Class	PER	Cameron University
<b>Martinson, Shelley</b>	Music	Oklahoma Arts Council Grant Recipient	GRT-SUB	Flute Music Consortium: Zhou Long Residency Oklahoma City, Oklahoma
<b>Martinson, Shelley</b>	Music	Adjudicator for the FSK Young Artist Competition Finals	J	Flute Society of Kentucky Richmond, Kentucky
<b>Martinson, Shelley</b>	Music	Adjudicator for the NFA's Newly Published Music Competition	J	National Flute Association Washington, D.C.
<b>Martinson, Shelley</b>	Music	Adjudicator for the NFA Young Artist Competition	J	National Flute Association Washington, D.C.
<b>Martinson, Shelley</b>	Music	Appointed Vice President	SNO	Oklahoma Flute Society Oklahoma City, Oklahoma

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Martinson, Shelley</b>	Music	Adjudicator for Oklahoma Flute Society Solo and Ensemble Festival	J	Oklahoma Flute Society Oklahoma City, Oklahoma
<b>Martyn, David</b>	Chemistry and Physics	Hydroboration-oxidation Reactions in the Undergraduate Teaching Laboratory: Reagent and Reaction Condition Choices Optimizing Student Success	POST	23 <sup>rd</sup> Annual SWOSU Research and Scholarly Activity Fair Weatherford, Oklahoma
<b>McGrane, Regina</b>	Biological Sciences	Evaluation the Mechanism of Induced Resistance by <i>Pseudomonas putida</i> against <i>Pseudomonas syringae</i> Infection	POST	23 <sup>rd</sup> Annual SWOSU Research and Scholarly Activity Fair Weatherford, Oklahoma
<b>Peters, Siriporn</b>	Art, Communication and Theatre	Communities Design for People with Visual Disabilities	PAPER	23 <sup>rd</sup> Annual SWOSU Research and Scholarly Activity Fair Weatherford, Oklahoma
<b>Peters, Siriporn</b>	Art, Communication and Theatre	Co-Creation Graphic Design for Safeguarding Endangered Languages	O-Pres	23 <sup>rd</sup> Annual SWOSU Research and Scholarly Activity Fair Weatherford, Oklahoma
<b>Peters, Siriporn</b>	Art, Communication and Theatre	Communication Design for People with Disabilities at the National Park Service: Touch and See Your Park	EXH	Best in Show Award of Cyril Oklahoma Historical Society and Art Gallery Cheyenne, Oklahoma
<b>Peters, Siriporn</b>	Art, Communication and Theatre	Communication Design for People with Disabilities at the National Park Service: Touch and See Your Park	O-Pres	23 <sup>rd</sup> Annual SWOSU Research and Scholarly Activity Fair Weatherford, Oklahoma
<b>Peters, Siriporn</b>	Art, Communication and Theatre	Participatory Graphic Design for Safeguarding Intangible Cultural Heritage	EXH	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Trubitsyn, Denis</b>	Biological Sciences	Use of Species Specific Interferons in Veterinary Medicine	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Trubitsyn, Denis</b>	Biological Sciences	The Microflora Inhabiting Gastrointestinal tracts of Freshwater Amphipods in the Genus <i>Hyalella</i>	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma

<b>PRINCIPAL INVESTIGATOR</b>	<b>DEPARTMENT</b>	<b>TITLE</b>	<b>TYPE</b>	<b>SOURCE</b>
<b>Trubitsyn, Denis</b>	Biological Sciences	Construction of an Efficient Expression System or Functional Analysis of the Magnetosome Protein Mad2 from <i>Desulfovibrio magneticus</i> RS-1	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Ubeidat, Muatasem</b>	Biological Sciences	Effect of Ibuprofen on growth and development of <i>Dictyostelium discoideum</i>	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma

## FY16 SCHOLARLY ACTIVITY

### COLLEGE OF PROFESSIONAL AND GRADUATE STUDIES

Principal Investigator	Department	Title	Type	Source
<b>Barnett, Randy</b>	Psychology	Sexual Misconduct by Pharmacists Part 1: Background	PUB-J	U.S. Pharmacists
<b>Burgess, Melinda</b>	Psychology	Evaluation of Stress, Anxiety, and Relaxation Techniques in First Semester Pharmacy Students	POST	Oklahoma Research Day Northeastern State University Tahlequah, Oklahoma
<b>Burgess, Melinda</b>	Psychology	Evaluation of the Immediate Impact of Relaxation Techniques on Student Psychological and Physiological Health	POST	Oklahoma Research Day Northeastern State University Tahlequah, Oklahoma
<b>Lloyd, Dana</b>	Health Sciences	Patterns of Care for Localized Breast Cancer, Oklahoma 2003-2007	PUB-J	Women & Health
<b>Pate, Anne</b>	Health Sciences	Patterns of Care for Localized Breast Cancer, Oklahoma 2003-2007	PUB-J	Women & Health
<b>Pate, Anne</b>	Health Sciences	Traffic-Related Air Pollution and Childhood Acute Leukemia in Oklahoma	PUB-J	Environmental Research
<b>Pate, Anne</b>	Health Sciences	Epidemiology of Testicular Cancer in Oklahoma	POST	Oklahoma Research Day Northeastern State University Tahlequah, Oklahoma
<b>Pate, Anne</b>	Health Sciences	Epidemiology of Colorectal Cancer in Oklahoma	POST	Oklahoma Research Day Northeastern State University Tahlequah, Oklahoma

## FY16 SCHOLARLY AND ACADEMIC ACTIVITY COLLEGE OF PHARMACY

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Appeddu, Lisa</b>	Pharmaceutical Sciences	Evaluation of Stress, Anxiety, and Relaxation Techniques in First Semester Pharmacy Students	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Appeddu, Lisa</b>	Pharmaceutical Sciences	Evaluation of the Immediate Impact of Relaxation Techniques on Student Psychological and Physiological Health	POST	Oklahoma Research Day at Northeastern State University Tahlequah, Oklahoma
<b>Appeddu, Lisa</b>	Pharmaceutical Sciences	The Acute Impact of Relaxation Technique on Student Psychological and Physiological Health	POST	APhA National Meeting Exposition Baltimore, Maryland
<b>Appeddu, Lisa</b>	Pharmaceutical Sciences	Measuring Physiological Variables in Student Pharmacists after Conduction Relaxation and Non-Relaxation Techniques	POST	SWOSU Research and Scholarly Activity Fair Southwestern Oklahoma State University Weatherford, Oklahoma
<b>Brooks, Krista</b>	Pharmacy Practice	Challenging Learning Situations Breakout Session	WF	Oklahoma Preceptors Conference Oklahoma City, Oklahoma
<b>Brooks, Krista</b>	Pharmacy Practice	Pharm Care Lab IV Demonstration	WP	Girl Scout STEM day at Southwestern Oklahoma State University Weatherford, Oklahoma
<b>Brooks, Krista</b>	Pharmacy Practice	Pharm Care Lab IV Demonstration	WP	Eagle Medical Trainee
<b>Brooks, Krista</b>	Pharmacy Practice	Overview of Influenza and Pneumococcal Vaccines	WP	Rural Health Immunization Training CE
<b>Brooks, Krista</b>	Pharmacy Practice	Pharm Care Lab IV Demonstration	WP	PharmCORP



<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Claborn, Melanie</b>	Pharmacy Practice	Preceptor SIG Committee	CA	American Pharmacists Association
<b>Claborn, Melanie</b>	Pharmacy Practice	Combination of a flipped classroom and virtual patient case to enhance learning in a required therapeutics course	R	American Journal of Pharmaceutical Education
<b>Claborn, Melanie</b>	Pharmacy Practice	Workshop facilitator	WF	SWOSU/OU Preceptor's Conference Oklahoma City, Oklahoma
<b>Claborn, Melanie</b>	Pharmacy Practice	Served as Judge	J	American College of Clinical Pharmacy
<b>Claborn, Melanie</b>	Pharmacy Practice	Health Outcomes of Population-Bases Pharmacy Outreach to Increase Statin Use for Primary Prevention in Patients with Diabetes	R	Virtual Poster Symposium Journal of Manages Care and Specialty Pharmacy
<b>Claborn, Melanie</b>	Pharmacy Practice	“Let’s Talk About Poisons” Poison Prevention	GSI	For Heaven’s Sake Child Development Center Yukon, Oklahoma
<b>Claborn, Melanie</b>	Pharmacy Practice	Breathing Deeply: Newer Therapies Approved for Chronic Obstructive Pulmonary Disease	WP	Oklahoma Society oh Health-System Pharmacists Spring Meeting Norman, Oklahoma
<b>Gales, Barry</b>	Pharmacy Practice	Drugs for Weight Loss	GSI	Great Plains Medicine Residency Program Oklahoma City, Oklahoma
<b>Gales, Barry</b>	Pharmacy Practice	Clinical Pharmacogenomics	GSI	Great Plains Medicine Residency Program Oklahoma City, Oklahoma
<b>Gales, Barry</b>	Pharmacy Practice	Asthma as a comorbidity in hospitalizes patients: A potential missed opportunity to intervene	R	The Annals of Pharmacotherapy
<b>Gales, Barry</b>	Pharmacy Practice	Chair of Scholarship and Awards Committee	CA	The Oklahoma Society of Health System Pharmacy

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Gales, Barry</b>	Pharmacy Practice	Comparison of two population health management approaches to increase Vitamin B12 monitoring in patients taking metformin	R	The Annals of Pharmacotherapy
<b>Gales, Mark</b>	Pharmacy Practice	Integrus CME Planning and Review Committee	CA	Integrus Baptist Medical Center Oklahoma City, Oklahoma
<b>Gales, Mark</b>	Pharmacy Practice	Continuous Infusion Labetalol vs. Nicardipine for Hypertension Management in Stroke Patients	R	The Annals of Pharmacotherapy
<b>Gales, Mark</b>	Pharmacy Practice	Chair of the Hypertension Panel	CA	The Annals of Pharmacotherapy, Editorial Board
<b>Gales, Mark</b>	Pharmacy Practice	Potassium binding agents to facilitate renin angiotensin aldosterone system inhibitor therapy	RA	The Annals of Pharmacotherapy
<b>Gildon, Brooke</b>	Pharmacy Practice	Chair of Ambulatory Care Special Interest Group	SNO	Pediatric Pharmacy Advocacy Group
<b>Gildon, Brooke</b>	Pharmacy Practice	Pediatric Asthma Update	R	The Rx Consultant
<b>Gildon, Brooke</b>	Pharmacy Practice	Impact of a Pediatric Degree Option on Student Participation in Scholarly Activities	PAPER	Pediatric Pharmacy Advocacy Group Annual Meeting Atlanta, Georgia
<b>Gildon, Brooke</b>	Pharmacy Practice	Pharmacist-Managed Short-Acting Beta Agonist Refill Service Facilitates Asthma Care and Education in a General Pediatrics Clinics	PAPER	Pediatric Pharmacy Advocacy Group Annual Meeting Atlanta, Georgia
<b>Gildon, Brooke</b>	Pharmacy Practice	Curricular Preferences and Subsequent Employment Choices of Pediatric Degree Option Clinics	PAPER	Pediatric Pharmacy Advocacy Group Annual Meeting Atlanta, Georgia
<b>Gildon, Brooke</b>	Pharmacy Practice	A Model for Integrating Electronic Health Records and Hospital Claims to Inform Development of an Outpatient Antimicrobial Stewardship Program for Non-Viral Community-Acquired Pneumonia	PAPER	Academy of Health Annual Research Meeting Boston, Massachusetts

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Gildon, Brooke</b>	Pharmacy Practice	Applicability of the Schwartz Equation and the Chronic Kidney Disease in Children Bedside Equation for Estimating Glomerular Filtration Rate in Overweight Children	PUB-J	Pharmacotherapy
<b>Johnson, Jeremy</b>	Pharmacy Practice	Prediabetes and Diabetes: Prevention and Treatment	R	Pharmacist's Letter Continuing Education
<b>Johnson, Jeremy</b>	Pharmacy Practice	The Role and Management of Statins in Dyslipidemia and Addressing Patient Barriers to Use	WP	2015 American Association of Diabetes Educators Annual Meeting New Orleans, Louisiana
<b>Johnson, Jeremy</b>	Pharmacy Practice	Pathophysiology of Pre-Diabetes and Early Treatment Consideration	WP	2015 American Association of Diabetes Educators Annual Meeting New Orleans, Louisiana
<b>Johnson, Jeremy</b>	Pharmacy Practice	Literacy-Sensitive Approach to Improving Antibiotic Understanding in a Community-Based Setting	POST	6 <sup>th</sup> Annual ACCP Virtual Poster Symposium Tulsa, Oklahoma
<b>Johnson, Jeremy</b>	Pharmacy Practice	Impact of pharmacist-led educational and error notification interventions on prescribing errors in a family medicine clinic	PUB-J	Journal of the American Pharmacists Association
<b>Johnson, Jeremy</b>	Pharmacy Practice	Identifying opportunities to improve medication management in transitions of care	PUB-J	American Journal of Health-system Pharmacy
<b>Johnson, Jeremy</b>	Pharmacy Practice	Nontraditional Considerations with Insulin Needle Length Selection	PUB-J	Diabetes Spectrum
<b>Johnson, Jeremy</b>	Pharmacy Practice	Adherence to and barriers to diabetic eye exams: A survey of patients with type 2 diabetes	POST	2015 ASHP Midyear Clinical Meeting
<b>Kessler, Tiffany</b>	Pharmacy Practice	Comparative Cardiovascular and Cerebrovascular Safety of Inhaled Long-Acting Bronchodilators in Patients with Chronic Obstructive Pulmonary Disease: a Population-Based Cohort Study	R	
<b>Patatanian, Edna</b>	Pharmacy Practice	Evaluation of an IPE Case Competition Activity for Health Profession Students	R	AACP Abstract

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Patatanian, Edna</b>	Pharmacy Practice	Evaluation of Peer Assessment in Student Pharmacist Standardized Patient Interviews	R	AACP Abstract
<b>Patatanian, Edna</b>	Pharmacy Practice	LoboWings: A Pilot Study of Interprofessional Patient Safety Training	R	AACP Abstract
<b>Patatanian, Edna</b>	Pharmacy Practice	Teaching Health Literacy and Education/ Promotion Theories through Student Created Public Health Posters	R	AACP Abstract
<b>Patatanian, Edna</b>	Pharmacy Practice	Escape the Room Active Learning Strategy in an Elective Course	R	AACP Abstract
<b>Patatanian, Edna</b>	Pharmacy Practice	Development and Outcome Evaluation of IPE Simulation Course in High-Fidelity Simulation	R	AACP Abstract
<b>Patatanian, Edna</b>	Pharmacy Practice	Oklahoma Delegate	SNO	ASHP Summer Meeting Baltimore, Maryland
<b>Patatanian, Edna</b>	Pharmacy Practice	Co-Chair of Program Committee 2015-2016	SNO	OSHP Annual Meeting Oklahoma City, Oklahoma
<b>Pray, Steven</b>	Pharmaceutical Sciences	Expert Testimony on Naturopathy and the Licensure of “Naturopathic Doctors”	C	Colorado Department of Regulatory Agencies
<b>Sharma, Horrnick</b>	Pharmaceutical Sciences	Exploring of Binding Mechanism and Design of Triazines Derivatives as FAK Inhibitors: Combination of 3D-QSAR, Docking and Molecular Dynamics Simulations Studies	R	RSC Advances
<b>Sharma, Horrnick</b>	Pharmaceutical Sciences	Mechanistic of multivariate QSAR models for newly synthesized methoxy substituted chalcones and their anticancer activity	R	RSC Advances
<b>Sharma, Horrnick</b>	Pharmaceutical Sciences	Halogen bonding enhances activity in a series of dual 5-HT <sub>6</sub> /D <sub>2</sub> ligands designed in a hybrid bioisostere generation/ virtual screening protocol	R	RSC Advances

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Sharma, Horrick</b>	Pharmaceutical Sciences	Camphor-based CCR <sub>5</sub> blockers lead compounds –a computational and experimental approach	R	RSC Advances
<b>Sharma, Horrick</b>	Pharmaceutical Sciences	Multifaceted protective effect of L-pGlu-(1-benzyl)-L-His-L-ProNH <sub>2</sub> against in-vitro and in-vivo model of cerebral ischemia and associated other neurological disorders	R	RSC Advances
<b>Sharma, Horrick</b>	Pharmaceutical Sciences	Discovery of a pair of epimeric sulfoxide analogs of TAK-875 as GPR <sub>40</sub> agonists for type 2 diabetes treatment: determination of absolute configuration, biological activity and pharmacokinetics comparison	R	Current Computer-Aided Drug Design
<b>Sharma, Horrick</b>	Pharmaceutical Sciences	Discovery of Novel HCV NS <sub>5B</sub> Thumb I allosteric inhibitors using structure-based virtual screening	R	Current Computer-Aided Drug Design
<b>Sharma, Horrick</b>	Pharmaceutical Sciences	Screening and In Vitro Evaluation of Potential Plasmodium falciparum Leucyl Aminopeptidase Inhibitors	R	Medicinal Chemistry Research
<b>Sharma, Horrick</b>	Pharmaceutical Sciences	MCRE-D-16-00213	R	Medicinal Chemistry Research
<b>Sharma, Horrick</b>	Pharmaceutical Sciences	The expression of HoxB <sub>5</sub> and SPC in neonatal rat lung at exposure to fluoxetine	R	Drug Design, Development and Therapy
<b>Sharma, Horrick</b>	Pharmaceutical Sciences	Pharmacophore probing approach reveals the binding site of inhibitors targeting Salmonella enteric PhoP response regulator	R	Molecular Biosystems
<b>Sharp, Randall</b>	Pharmacy Practice	Elected to the Office of President of the Oklahoma Society of Health System Pharmacists	SNO	Oklahoma Society of Health System Pharmacists Oklahoma City, Oklahoma
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	Appointed to the Board of Trustees of the Weatherford Regional Hospital	CA	Weatherford Regional Hospital Weatherford, Oklahoma
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	Continuing Education Committee	CA	Oklahoma State Board of Pharmacy

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	Re-appointed as Chair of the Drug Information Panel	R	The Annals of Pharmacotherapy Editorial Board
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	Role of Clonidine in Neonatal Abstinence Syndrome: A Systematic Review	PUB-J	The Annals of Pharmacotherapy
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	The Story behind drug trade names: A deeper insight into the Egyptian drug market	R	American College of Clinical Pharmacy Annual Meeting Abstracts
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	Systematic Review of Topical Amitriptyline for the Treatment of Neuropathic Pain	PUB-J	Journal of Clinical Pharmacy and Therapeutics
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	The Orphan Drug Act and Pediatric Mitochondrial Disease Drug Development	R	American College of Clinical Pharmacy Annual Meeting Abstracts
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	A Descriptive and Historical Review of Bibliometrics with applications to Medical Sciences	R	Pharmacotherapy
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	Resource utilization after snakebite treatment protocol implementation	R	Annals of Pharmacotherapy
<b>Walker, Cheri</b>	Pharmacy Practice	Residency Mentor for two Students	M/F	SWOSU COP's Residency Mentoring Program Integris Southwest Medical Center Oklahoma City, Oklahoma
<b>Walker, Cheri</b>	Pharmacy Practice	Appointed to the Faculty Senate	CA	Southwestern Oklahoma State University Weatherford, Oklahoma
<b>Williams, Nancy</b>	Pharmacy Practice	Appointed to the 2015-16 Section Advisory Group on Preceptor Skills Development	CA	American Society of Health-System Pharmacists Oklahoma City, Oklahoma SWOSU/OU 2015 Joint Preceptor Meeting Oklahoma City, Oklahoma

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Williams, Nancy</b>	Pharmacy Practice	Small group facilitator (22 pharmacists)	WF	SWOSU/OU 2015 Joint Preceptor Meeting Oklahoma City, Oklahoma
<b>Williams, Nancy</b>	Pharmacy Practice	Small group facilitator (22 pharmacists)	WF	SWOSU/OU 2015 Joint Preceptor Meeting Broken Arrow, Oklahoma
<b>Williams, Nancy</b>	Pharmacy Practice	A Retrospective Evaluation of Inhaled Corticosteroid Use for COPD Patients Receiving Systemic Corticosteroids	WF	American Journal of Health-System Pharmacy
<b>Williams, Nancy</b>	Pharmacy Practice	Reviewed 71 abstracts in the Parenteral Nutrition Therapy group	R	American Society for Parenteral and Enteral Nutrition's Clinical
<b>Williams, Nancy</b>	Pharmacy Practice	Measurement of Antimicrobial Use: Practical Metrics for Stewardship Programs	R	Nutrition Week 2016 Meeting Oklahoma City, Oklahoma
<b>Williams, Nancy</b>	Pharmacy Practice	Safety of Continuous Infusion Beta-Lactam Antibiotics in Adult Cystic Fibrosis Patients during and Acute Pulmonary Exacerbation	R	American Journal of Health-System Pharmacy
<b>Williams, Nancy</b>	Pharmacy Practice	Hospital-Based Clinical Pharmacy Services to Improve Ambulatory Management of Chronic Obstructive Pulmonary Disease	R	American Journal of Health-System Pharmacy
<b>Williams, Nancy</b>	Pharmacy Practice	Reviewed five abstracts in the Pharmacy Practice Section	R	2016 American Association of Colleges of Pharmacy Annual Meeting Oklahoma City, Oklahoma
<b>Williams, Nancy</b>	Pharmacy Practice	Moderated the ambulatory care pharmacy resident session	M/F	Alcalde Southwest Leadership Pharmacy Residency Conference Frisco, Texas
<b>Williams, Nancy</b>	Pharmacy Practice	Phenytoin Induced Toxic Epidermal Necrolysis: Review and Recommendations	R	Hospital Pharmacy Journal
<b>Williams, Nancy</b>	Pharmacy Practice	Appointed to the 2016-17 Abstract Review Committee	R	American Society for Parenteral and Enteral Nutrition

## FY16 SCHOLARLY AND ACADEMIC ACTIVITY SWOSU LIBRARIES

Principal Investigator	Department	Title	Type	Source
<b>Dupree, Jason</b>	Al Harris Library Weatherford Campus	Discussant on the Library Leadership and Emerging Technology Panel	D	iCon 2015 Stillwater, Oklahoma
<b>Dupree, Jason</b>	Al Harris Library Weatherford Campus	Share and Share Alike Panel	D	109 <sup>th</sup> Annual Conference of the Oklahoma Library Tulsa, Oklahoma
<b>Dupree, Jason</b>	Al Harris Library Weatherford Campus	Officer Appointment for the University of Oklahoma School of Library & Information Science Advisory Board	SNO	University of Oklahoma School of Library & Information Science Advisory Board Norman, Oklahoma
<b>Dupree, Jason</b>	Al Harris Library Weatherford Campus	Elected Secretary of the Weatherford Arts Council	SNO	Weatherford Arts Council
<b>Dupree, Jason</b>	Al Harris Library Weatherford Campus	Lighting the Way: Testing the Limits of New Library Services	O-Pres	109 <sup>th</sup> Annual Conference of the Oklahoma Library Tulsa, Oklahoma
<b>Fitzsimmons, Phillip</b>	Al Harris Library Weatherford Campus	The Palantiri Stones in J.R.R. Tolkien's <i>The Lord of the Rings</i> As Sauron's Social Media: How to Avoid Getting Poked by the Dark Lord	PUB-C	C.S. Lewis and the Inklings: Reflections on Faith, Imagination, and Modern Technology
<b>Fitzsimmons, Phillip</b>	Al Harris Library Weatherford Campus	Tales of Anti-heroes in the work of J.R.R. Tolkien	PUB-J	Mythlore, No. 127 Fall/Winter 2015
<b>Fitzsimmons, Phillip</b>	Al Harris Library Weatherford Campus	Owen Barfield and "Is Man a Myth"	PAPER	19 <sup>th</sup> Annual C.S. Lewis and Inklings Society Conference Siloam Springs, Arkansas
<b>Miller, April</b>	Oscar McMahan Library Sayre Campus	Appointed as the Marketing Committee Chair for the Oklahoma Library Association	CA	Oklahoma Library Association
<b>Miller, April</b>	Oscar McMahan Library Sayre Campus	Appointed Executive Board Member for the Oklahoma Library Association	SNO	Oklahoma Library Association



<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Miller, April</b>	Oscar McMahan Library Sayre Campus	Appointed a Member of the Excellence in Teaching and Learning Committee	CA	Excellence in Teaching and Learning Committee Weatherford, Oklahoma
<b>Miller, April</b>	Oscar McMahan Library Sayre Campus	What Romance Readers Want	O-PRES	Oklahoma Library Association Conference Midwest City, Oklahoma
<b>Miller, April</b>	Oscar McMahan Library Sayre Campus	Marketing Me Presentation	O-PRES	Oklahoma Library Association Conference Midwest City, Oklahoma
<b>Miller, April</b>	Oscar McMahan Library Sayre Campus	Timed Writing Workshop	WC	Fall Literary Festival Sayre, Oklahoma
<b>Miller, April</b>	Oscar McMahan Library Sayre Campus	Research Project Workshop	WC	Fall Literary Festival Sayre, Oklahoma
<b>Murray, Frederic</b>	Al Harris Library Weatherford Campus	Appointed Managing Editor for the Administrative Issues Journal	SNO	Administrative Issues Journal
<b>Murray, Frederic</b>	Al Harris Library Weatherford Campus	Developed/Edited script on The Attack at Washita for tactile graphic wall map	C	Communication Design for People with Disabilities: Touch and See Your Park
<b>Murray, Frederic</b>	Al Harris Library Weatherford Campus	Judge for the Oklahoma National History Day Contest	J	National History Day Oklahoma History Center Oklahoma City, Oklahoma
<b>Murray, Frederic</b>	Al Harris Library Weatherford Campus	Conference Organizer	WF	Challenge of Change: AIJ 5 <sup>th</sup> Anniversary Conference SWOSU Student Center
<b>Murray, Frederic</b>	Al Harris Library Weatherford Campus	Digital Tools for Indigenous Curricula	WP	2015 International Conference of Indigenous Archives, Libraries and Museums Washington, D.C.
<b>Pye, Linda</b>	Al Harris Library Weatherford Campus	Coordinator for Pre-Conference Museum Tour	M/F	Pre-Conference Museum Tour of the Oklahoma Library Association Tulsa, Oklahoma
<b>Pye, Linda</b>	Al Harris Library Weatherford Campus	Facilitator for the program, Assessment of the One Shot	SC	Oklahoma Library Association Conference Tulsa, Oklahoma