



12-2017

## Intramural Activity Report FY 2017

Yolanda Carr

### Abstract

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

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

Intramural activities mean they were funded by SWOSU.

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# **The Office of Sponsored Programs**



## **Annual Report**

**Fiscal Year 2017**

**July 1, 2016 - June 30, 2017**

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## Foreword

It is my pleasure to present the Office of Sponsored Programs Annual Report for FY17.

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 FY13 - FY17

	FY13	FY14	FY15	FY16	FY17
<b><u>Pre-Award Activity</u></b>					
Number of Proposals	72	76	87	95	88
Number of Faculty and Staff	45	49	49	49	48
<b>Total Amount</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	61	65	66	81	73
Number of Faculty and Staff	39	37	26	37	33
<b>Total Amount</b>	<b>\$6,167,539</b>	<b>\$6,037,985</b>	<b>\$5,577,565</b>	<b>\$2,059,423.02</b>	<b>\$2,940,912</b>
<b><u>Funding Rate</u></b>	85%	86%	76%	85%	83%

# EXTRAMURAL ACTIVITY SUMMARY

## SPONSORED PROGRAMS

### FY17

#### EXTRAMURAL AWARDS BY SOURCE

	Federal	State	Local	Foundations	Private	Other	Total
Number of Awards	46	14	4	2	2	5	73
Total Amount*	\$2,567,268	\$117,704	\$55,600	\$62,300	\$5,500	\$132,540	\$2,940,912

\*SWOSU provided matching funds directly or indirectly to

#### EXTRAMURAL AWARDS BY FUNCTION

	Instruction	Research	Public Service	Academic Support	Student Services
Number of Awards	13	40	17	0	2
Total Amount	\$1,066,412	\$1,011,928	\$476,415	\$0	\$386,157

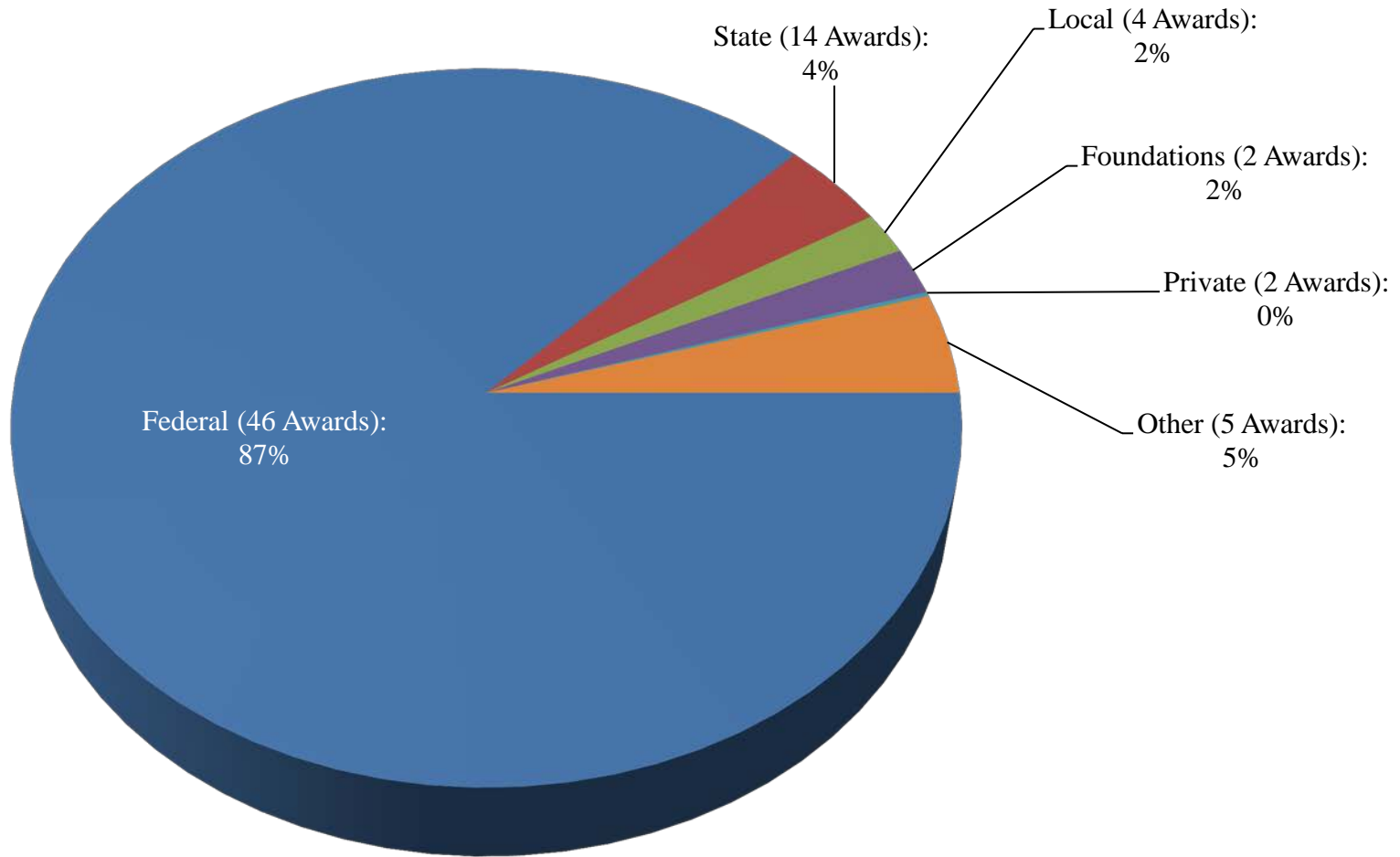
	Institutional Support	Operation and Maintenance of Plant	Scholarships and Fellowships	General University Support	Total
Number of Awards	0	0	0	0	73
Total Amount	\$0	\$0	\$0	\$0	\$2,940,912

#### 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	30	29	4	0	73
Total Amount	\$1,282,820	\$1,160,393	\$285,234	\$212,465	\$0	\$2,940,912

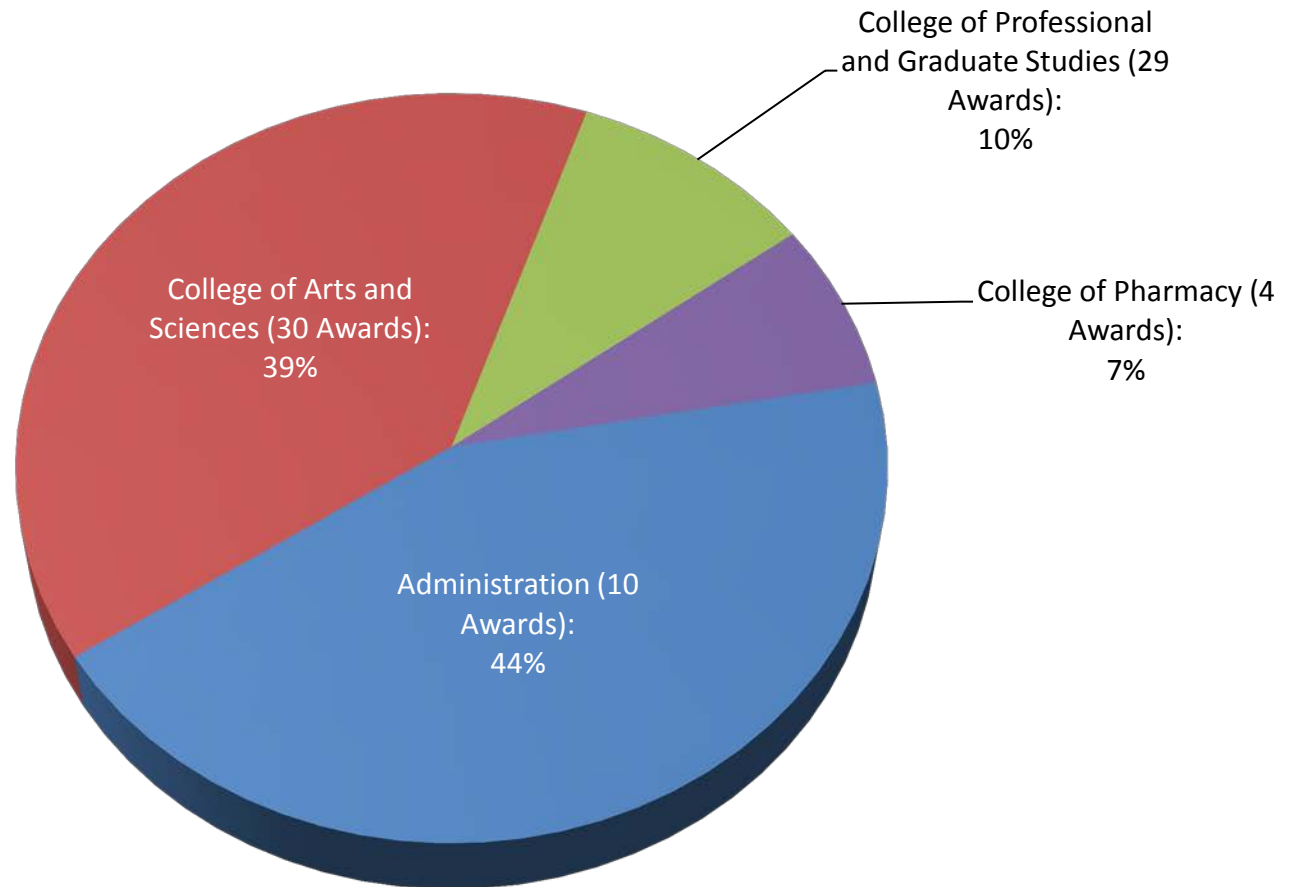


### Primary Sources (73 Awards)



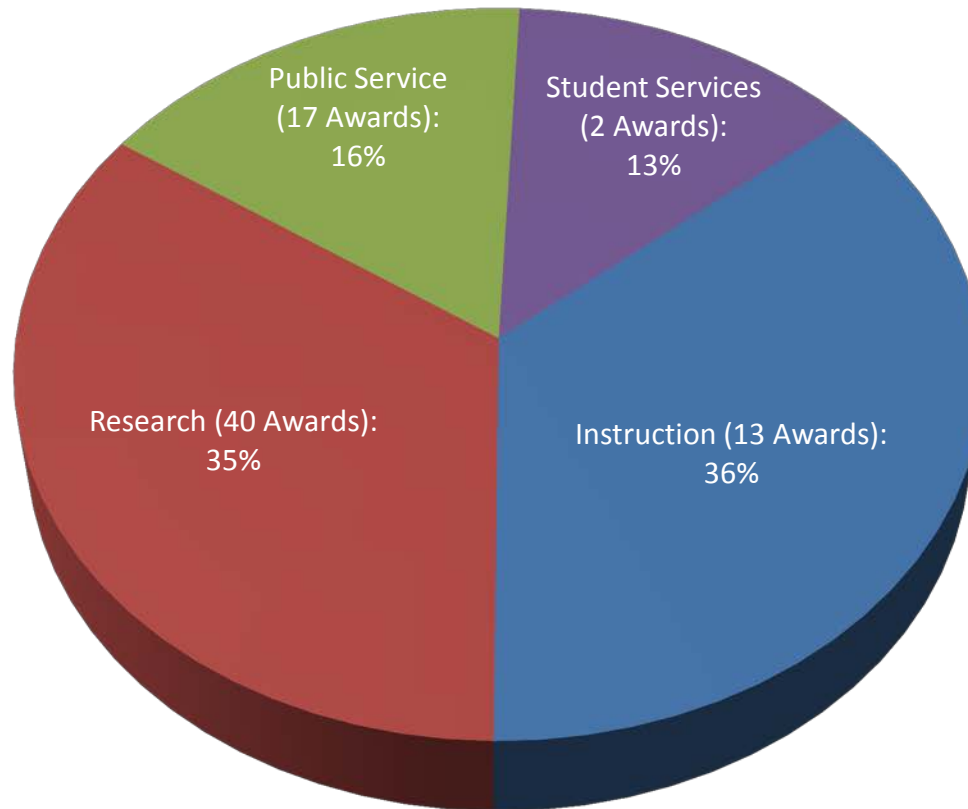
■ Federal (46 Awards): \$2,567,268	■ State (14 Awards): \$117,704
■ Local (4 Awards): \$55,600	■ Foundations (2 Awards): \$62,300
■ Private (2 Awards): \$5,500	■ Other (5 Awards): \$132,540

## Awards By Division (73 Awards)



- Administration (10 Awards): \$1,282,820
- College of Arts (30 Awards): \$1,160,393
- College of Professional and Graduate Studies (29 Awards): \$285,234
- College of Pharmacy (4 Awards): \$212,465
- College of Associate and Applied programs - Sayre (0 Awards)

## Awards By Function (73 Awards)



■ Instruction (13 Awards): \$1,066,412

■ Public Service (17 Awards): \$476,415

■ Academic Support (0 Awards): \$0

■ Operation and Maintenance of Plant (0 Awards): \$0

■ General University Support (0 Awards): \$0

■ Research (40 Awards): \$1,011,928

■ Student Services (2 Awards): \$386,157

■ Institutional Support (0 Awards): \$0

■ Scholarships and Fellowships (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			
COP	N/A	Pharmacy Practice		SBT	Business & Computer Science
	N/A	Pharmaceutical Sciences		SBT	Engineering Technology
				SBT	Finance, Management, and Marketing
CAAP	N/A	Sayre		SNUR	Nursing

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## FUNDING AGENCY GUIDE

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

## FY17 EXTRAMURAL AWARDS

PRINCIPAL INVESTIGATOR	COLLEGE SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE	
<b>Adler, Brian</b>	ADM	N/A	6/20/2017-11/30/2017	Panorama Series at SWOSU	City of Weatherford Hotel/Motel Advisory Committee	N/A	\$15,000
<b>Appeddu, Lisa Gwyn, Lori</b>	COP CAS	N/A	5/1/2016-6/30/2016	Tech Trek at SWOSU	National Science Foundation NSF	Oklahoma EPSCoR	\$10,000
<b>Appeddu, Lisa Gwyn, Lori Albrightson, Cindi</b>	COP CAS CPGS	N/A	6/1/2017-4/30/2018	Tech Trek at SWOSU	American Association of University Women	N/A	\$2,000
<b>Appeddu, Lisa Gwyn, Lori Albrightson, Cindi</b>	COP CAS CPGS	N/A	5/16/2017-7/31/2017	Tech Trek at SWOSU	City of Weatherford Hotel/Motel Tax Advisory Committee	N/A	\$3,600
<b>Appeddu, Lisa Gwyn, Lori Albrightson, Cindi</b>	COP CAS CPGS	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>Baughner, Madeline</b>	CPGS	SBT	9/1/2016-8/31/2019	Oklahoma NASA EPSCoR FY17 Research Implementation Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$6,092
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2014-8/31/2017	Oklahoma NASA EPSCoR FY17 Research Implementation Grant	Board of Regents of the University of Oklahoma	N/A	\$5,659
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2018	Oklahoma NASA EPSCoR Research Implementation Grant	Oklahoma NASA EPSCoR	University of Oklahoma	\$5,943
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2018	Oklahoma NASA EPSCoR Research Infrastructure Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,885
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2016-8/31/2018	Space Grant Opportunities in NASA STEM	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$28,462

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2014-9/18/2018	Community College Space Grant Consortium – NASA Partnership with Oklahoma NASA	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$4,600
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2013-8/31/2016	EPSCoR – FY13 Research Implementation Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$5,784
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2014-8/31/2016	Oklahoma NASA EPSCoR – Research Implementation Grant (Vaidyanathan)	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,885
<b>Baughner, Madeline</b>	CPGS	SBT	9/19/2014-9/18/2016	Oklahoma Space Grant Consortium – NASA Partnership with Community Colleges	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$11,416
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2016-8/31/2018	Oklahoma Space Grant Consortium – NASA Partnership with Community Colleges	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$2,070
<b>Baughner, Madeline</b>	CPGS	SBT	5/1/2016-4/30/2018	Oklahoma 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	5/9/2016-5/8/2018	Space Grant Undergraduate Student Instrument Project	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$7,939
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2014-9/18/2018	Oklahoma Space Grant Consortium – NASA Partnership with Community Colleges	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$12,273
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2016-8/31/2017	The Efficiency Flexible Dilute Nitrides Solar Cells for Space Application	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,902
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2017	Oklahoma NASA EPSCoR – Research Infrastructure (RID)	Oklahoma NASA EPSCoR	University of Oklahoma	\$1,942

PRINCIPAL INVESTIGATOR	COLLEGE SCHOOL	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2017	Oklahoma NASA EPSCoR – Research Implementation Grant (Hari) – Year 2	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,980
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2017	Oklahoma NASA EPSCoR – Research Implementation Grant (Hari)	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,980
<b>Baughner, Madeline</b>	CPGS	SBT	5/1/2015-4/30/2018	Space Grant College and Fellowship Grant – Year 2	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$33,184
<b>Baughner, Madeline</b>	CPGS	SBT	5/1/2015-4/30/2018	Space Grant College and Fellowship Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$16,789
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2016-8/31/2017	Oklahoma NASA: Radiation Smart Structures with H-rich Nanostructured Multifunctional Material	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$1,979
<b>Baughner, Madeline</b>	CPGS	SBT	9/1/2015-8/31/2018	Oklahoma NASA EPSCoR – Research Infrastructure Development Grant	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$12,606
<b>Baughner, Madeline</b>	CPGS	SBT	5/1/2015-4/30/2018	Space Grant College and Fellowship Program (Amendment #4)	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$30,000
<b>Campbell, Brian David, Esjornson</b>	CAS	N/A	6/12/2016-6/24/2016	SWOSU Summer Science and Mathematics Academy	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)	N/A	\$1,324

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Cothran, Rickey</b>	CAS	N/A	6/1/2016-8/31/2016	Sexual Selection in a Changing World. How human-induced environmental change affects sexual selection and consequently the health of populations	University of Pittsburgh	N/A	\$5,000
<b>Cothran, Rickey</b>	CAS	N/A	5/15/2016-7/31/2016	Effects of Commonly Used Garden Pesticides on the Development of a Sexually Selective Trait	National Institutes of Health (NIH)	OK-INBRE	\$10,476
<b>Cothran, Rickey</b>	CAS	N/A	1/1/2017-12/31/2018	A survey for rare mayfly and caddisfly species of greatest conservation need	U. S. Department of the Interior (DOI)	Oklahoma Department of Wildlife and Conservation	\$53,951
<b>Ellis, Trevor</b>	CAS	N/A	1/1/2016-4/15/2016	National American Chemical Society Meeting Travel	National Science Foundation (NSF)	OK EPSCoR	\$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)	OK-INBRE	\$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 or 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



PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Evert, Jeremy</b>	CPGS	SBT	4/4/2016-8/31/2016	Undergraduate research in Space-based Climate and Radiation Data Using High Performance Computer	National Aeronautics and Space Administration (NASA)	University of Oklahoma	\$35,935
<b>Fitzgerald, Brad</b>	CPGS	SBT	5/1/2016-4/30/2018	FIRST Tech Challenge (FTC) Robotics	Argosy Foundation	N/A	\$2,300
<b>Grant, Marcy</b>	ADM	N/A	9/19/2016-8/31/2016	SWOSU Distance Learning and Telemedicine Grant Program	U. S. Department of Agriculture	N/A	\$495,498
<b>Gwyn, Lori</b>	CAS	N/A	5/24/2016-8/31/2016	Investigation of DNA hydrolysis activity of Zine-Cyclen and Zinc-Cyclam Complexes	National Institutes of Health (NIH)	University of Oklahoma	\$6,663
<b>Henderson, Aimee</b>	COP	N/A	11/17/2015-7/31/2017	College of Pharmacy DEEP Initiative	TMF Health Quality Institute	N/A	\$7,055
<b>Henderson, Aimee</b>	COP	N/A	4/26/2016-9/28/2017	Heart Disease, Stroke and Diabetes Prevention Program	Center for Disease Control and Prevention (CDC)	Oklahoma Department of Health	\$193,410
<b>Henrikson, Jon</b>	CAS	N/A	5/24/2016-7/15/2016	LC-MS Metabolomics Based Method Development for Evaluation of Changes in Antimicrobial and Secondary Metabolite Production in <i>Streptomyces</i> sps.	National Institutes of Health (NIH)	University of Oklahoma Health Sciences Center	\$2,200
<b>Holgado, Andrea</b>	CAS	N/A	5/1/2016-8/31/2016	Examining the role of autophagy in <i>C. elegans</i> 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	Analysis of Autophagy in Neurons	Oklahoma State Regents for Higher Education	N/A	\$2,200

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Holgado, Andrea</b>		N/A	5/24/2016-7/15/2016	Analysis of Autophagy in Neurons	National Institutes of Health		
<b>Holgado, Andrea</b>	CAS	N/A	5/1/2017-8/30/2017	OK-INBRE SMaRT Program: Designing tools to study autophagy in C. elegans neurons	Oklahoma State Regents for Higher Education	N/A	\$6,236
<b>Holgado, Andrea</b>	CAS	N/A	5/1/2017-7/1/2017	GCAT-SEEK Faculty	Oklahoma State Regents for Higher Education		\$1,350
<b>Holgado, Andrea</b>	CAS	N/A	5/1/2017-4/30/2020	RUI: Examining Molecular Players Integrating Autophagy and Neuronal Development and Maintenance	National Science Foundation (NSF)	N/A	\$600,000
<b>Holgado, Andrea</b> <b>Lee, Sophia</b> <b>Bryant, Brad</b>	CAS CAS CPGS	N/A	2/1/2016-1/31/2017	SWOSU Student Intern Program	Oklahoma Center for the Advancement of Science and Technology (OCAST)	N/A	\$30,000
<b>Hubin, Tim</b>	CAS	N/A	7/1/2013-8/31/2016	Dual CXCR4/CCR5 Chemokine Receptor Antagonists	Oklahoma Center for the Advancement of Science and Technology (OCAST)	N/A	\$45,000
<b>Hubin, Tim</b>	CAS	N/A	9/1/2013-8/31/2018	Henry Dreyfus Teacher-Scholar Award	The Camille and Henry Dreyfus Foundation, Inc.	N/A	\$60,000
<b>Hubin, Tim</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, Tim</b>	CAS	N/A	5/1/2016-	Oklahoma Louis Stokes Alliance for Minority Participation in STEM (Supplemental)	National Science Foundation (NSF)	Oklahoma State University	\$29,550
<b>Hubin, Tim</b>	CAS	N/A	9/1/2015-8/31/2016	Oklahoma Louis Stokes Alliance for Minority Participation in STEM (Phase V)	National Science Foundation (NSF)	Oklahoma State University	\$19,825

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Klein, Ed</b>	CPGS	SBSE	8/1/2014-5/31/2017	Novice Teacher Mentoring Program	Oklahoma State Regents for Higher Education	Oklahoma Commission for Teacher Preparation	\$32,712
<b>Misak, Doug</b>	ADM	N/A	8/1/2016-7/31/2017	SWOSU University Center	U.S. Department of Commerce	Economic Development Administration	\$102,590
<b>Misak, Doug</b>	ADM	N/A	8/1/2015-7/31/2016	SWOSU University Center	U.S. Department of Commerce	Economic Development Administration	\$102,590
<b>Misak, Doug</b>	ADM	N/A	9/25/2015-2/25/2017	SWOSU Technical Assistance Program	U.S. Department of Commerce	Economic Development Administration	\$100,000
<b>Misak, Doug</b>	ADM	N/A	8/1/2015-7/31/2016	Southwest Oklahoma Impact Coalition (SOIC)	Southwest Oklahoma Impact Coalition (SOIC)	N/A	\$45,485
<b>Misak, Doug</b>	ADM	N/A	4/11/2017-6/30/2017	Partnership Recognition Program FY17	Oklahoma State Regents for Higher Education	N/A	\$500
<b>Novey, Jamie</b>	ADM	N/A	9/1/2016-8/31/2017	Upward Bound Program (Year 5)	U.S. Department of Education	N/A	\$378,592
<b>Novey, Jamie</b>	ADM	N/A	6/6/2016-7/14/2016	Summer Food Services Program for Children	U.S. Department of Agriculture	N/A	\$7,565
<b>Pate, Anne</b>	CPGS	N/A	9/23/2016-4/15/2017	Association between residential proximity to crops and adverse health outcomes in Oklahoma	Oklahoma State Regents for Higher Education	N/A	\$2,000
<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>Peters, Siriporn</b>	CAS	N/A	7/1/2016-6/30/2017	Cheyenne Art Workshop and Exhibition	Oklahoma Arts Council	N/A	\$1,000

PRINCIPAL INVESTIGATOR	COLLEGE	SCHOOL	PROJECT PERIOD	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE
<b>Smith, Nathan</b>	ADM	N/A	9/22/2015-8/31/2016	Pioneer Cellular Event Center	City of Weatherford Hotel/Motel Tax Advisory Committee	N/A	\$35,000
<b>Tirk, Richard</b>	CAS	N/A	7/1/2016-6/30/2017	47 <sup>th</sup> Annual SWOSU Jazz Festival	Oklahoma Arts Council	N/A	\$3,000
<b>Tirk, Richard</b>	CAS	N/A	2/1/2016-4/30/2016	47 <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	Quantitative Real Time PCR Analysis of	National Institutes of Health (NIH)	Oklahoma INBRE	\$11,513
<b>Ubeidat, Muatasem</b>	CAS	N/A	1/7/2016-4/30/2016	Oklahoma INBRE Carryover Equipment Grant (2016)	National Institutes of Health (NIH)	University of Oklahoma Health Sciences Center	\$25,000
<b>Woods, John</b>	CAS	N/A	3/7/2016-6/30/2017	KESAM Statewide Partnership 2016	U.S. Department of Education	Oklahoma State Regents for Higher Education	\$133,177

**TOTAL: \$2,940,912**

## FY17 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	NASA OK-EPSCoR Research Implementation-Dr. Sigmarsson	National Aeronautics and Space Administration (NASA)	Oklahoma State University	\$21,614	-0-	\$15,148
Hubin	Tim	CAS	Chemistry and Physics	Oklahoma Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology (Phase V)	National Science Foundation	Oklahoma State University	\$59,475	\$5,395	-0-
Hubin	Tim	CAS	Chemistry and Physics	Liposomal Delivery and Magnetic Retrieval of Advanced Oxidation Catalysts for Oil Spill Remediation	National Science Foundation	Oklahoma State University	\$12,500	-0-	\$5,625
Misak	Doug	ADM	Business Enterprise Center	Partnership Recognition Program FY17	Oklahoma State Regents for Higher Education	N/A	\$500	\$500	-0-
Misak	Doug	ADM	Business Enterprise Center	Southwest Oklahoma Impact Coalition	Southwest Oklahoma Impact Coalition	N/A	\$45,485	-0-	\$20,468
Peters	Siriporn	CAS	Art, Communication and Theatre	Cheyenne Art Workshop and Exhibition	Oklahoma Arts Council	N/A	\$1,000	\$400	-0-
Peters	Siriporn	CAS	Art, Communication and Theatre	Native American Art in Oklahoma	Oklahoma Arts Council	N/A	\$2,200	\$3,800	-0-
Peters	Siriporn	CAS	Art, Communication and Theatre	Touch and See Your Park	National Endowment for the Arts	N/A	\$10,000	\$10,000	\$1,615

Last Name	First Name	College	Department	Project Title	Sponsor/Agency	Subagency	Grant Value	SWOSU Cash Match	SWOSU Indirect
Tirk	Richard	CAS	Music	47 <sup>th</sup> Annual SWOSU Jazz Festival	Oklahoma Arts Council	N/A	\$3,000	\$500	-0-

**TOTALS: \$155,774 \$20,595 \$42,856**

## FY17 FACILITIES AND ADMINISTRATIVE (F&A) COSTS AWARDED

LAST I	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE	F&A COSTS AWARDED
<b>Baughner</b>	<b>Madeline</b>	CPGS	SBT	Business	Oklahoma Space Grant Consortium – NASA Partnership with Community Colleges	National Aeronautics and Space Administration (NASA)	The University of Oklahoma	\$41,561	\$12,595
<b>Henderson</b>	<b>Aimee</b>	COP	N/A	Rural Health Center	Health Disease, Stroke and Diabetes Prevention	Centers for Disease Control and Prevention	The Oklahoma State Department of Health	\$290,000	\$74,250
<b>Holgado</b>	<b>Andrea</b>	CAS	N/A	Biological Sciences	RUI: Examining Molecular Players Integrating Autophagy and Neuronal Development and Maintenance	National Science Foundation	N/A	\$136,824	\$33,284
<b>Hubin</b>	<b>Tim</b>	CAS	N/A	Chemistry and Physics	Inhibition of cancer metastasis with IL-24 nanotherapy and CXCR4 antagonists	National Institutes of Health	The University of Oklahoma Health Sciences Center	\$40,766	\$10,766
<b>Novey</b>	<b>Jamie</b>	ADM	N/A	Upward Bound Program	Upward Bound Program	U.S. Department of Education	N/A	\$389,950	\$23,251.18
<b>Novey</b>	<b>Jamie</b>	ADM	N/A	Upward Bound Program	Upward Bound Program	U.S. Department of Education	N/A	\$389,950	\$23,184

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	SPONSOR/AGENCY	SUBAGENCY	GRANT VALUE	F&A COSTS AWARDED
Sharma	Horrick	COP	N/A	Pharmaceutical Sciences	Discovery of Novel Lactate Dehydrogenase Inhibitors Against Pancreatic Cancer	National Institutes of Health	OK-INBRE	\$25,932	\$951
Trubitsyn	Denis	CAS	N/A	Chemistry and Physics	Bioinformatics and quantitative real-time PCR analysis of magnetosome formation genes	National Institutes of Health	The University of Oklahoma Health Sciences Center	\$11,513	\$3,573

**TOTALS: \$1,326,496 \$181,854.18**



## FY17 SUMMARIES OF EXTRAMURAL AWARDS

The **CITY OF WEATHERFORD HOTEL/MOTEL ADVISORY COMMITTEE** awarded a grant in the amount of \$15,000 for the project, *SWOSU Panorama Series for SWOSUpalooza*. The grant supports a two-day music event on the campus of Southwestern Oklahoma State University on April 6-7. The headliners will be Stoney LaRue and Ben Rector. The principal investigator for the grant is **Mr. Brian Adler**.

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

The **AMERICAN ASSOCIATION OF UNIVERSITY WOMEN** awarded a grant in the amount of \$2,000 for the *Tech Trek Summer Math and Science Camp*. The long-term goal of the camp for eighth grade girls is designed to increase participation in science, technology, engineering, and mathematics (STEM). The camp will take place in the summer of 2017. The primary function of the award is public service. The principal investigators of the grant are **Dr. Lisa Appeddu, Cindi Albrightson, and Dr. Lori Gwyn**.

The **CITY OF WEATHERFORD HOTEL/MOTEL TAX ADVISORY COMMITTEE** awarded a grant in the amount of \$3,600 for the Tech Trek Summer Math and Science Camp. The

long-term goal of the camp for eighth grade girls is designed to increase participation in science, technology, engineering, and mathematics (STEM). The camp will take place in the summer of 2017. The primary function of the award is public service. The principal investigators are **Dr. Lisa Appeddu, Cindi Albrightson, and Dr. Lori Gwyn**.

The **NATIONAL INSTITUTES OF HEALTH**, through the **OKLAHOMA EXPERIMENTAL PROGRAM TO STIMULATE COMPETITIVE RESEARCH (EPSCoR)**, awarded a grant in the amount of \$5,000 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, Dr. Lori Gwyn, and Ms. Cindi Albrightson**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a sub-award to SWOSU under the *Oklahoma NASA EPSCoR - FY17 Research Implementation Grant* in the amount of \$6,092. 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**.

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant modification in the amount of \$5,659 for three years for the project, *Oklahoma NASA EPSCoR - Research Implementation Grant FY17*. 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 grant modification in the amount of \$5,943 for three years for the project, *Oklahoma NASA EPSCoR - Research Implementation Grant FY17*. 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 to SWOSU under the *Oklahoma NASA EPSCoR - Research Infrastructure Grant* in the amount of \$1,885. 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 subaward in the amount of \$1,902 for the project, *The Efficiency Flexible Dilute Nitrides Solar Sells for Space Application FY17*. 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 grant in the amount of \$1,942 for the project, *Oklahoma NASA EPSCoR - Research Infrastructure Development Grant*. Ms. Baugher will be responsible for all logistics pertaining to the NASA EPSCoR Workshops to be held on campuses across the state. She will also be responsible for longitudinal tracking of student interns and gathering quantitative data. The primary function of the grant is research. The principal investigator of the grant is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant modification in the amount of \$1,980 for three years for the project, *Oklahoma NASA EPSCoR - Research Implementation Grant FY17*. The funds will assist Ms. Baugher to continue support for Dr. Hari and students involved in NASA programs. The primary function of the grant is research. The principal investigator of the grant is **Ms. Madeline Baugher**.

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant modification in the amount of \$1,980 for three years for the project, *Oklahoma NASA EPSCoR - Research Implementation Grant FY17*. 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 **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification for Year 2 in the amount of \$33,184 for the project, *Oklahoma Space Grant and Fellowship Grant*. This modification supports the salary of the Project Coordinator who serves as the point of contact for SOLAR and gathers longitudinal tracking data on students participating in the program. The primary function of the modification is instruction. The principal investigator of the modification is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION** through the **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification for in the amount of \$16,789 for the project, *Oklahoma Space Grant and Fellowship Grant*. This modification supports the salary of the Project Coordinator who serves as the point of contact for SOLAR and gathers longitudinal tracking data on students participating in the program. The primary function of the modification is instruction. The principal investigator of the modification is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant in the amount of \$1,979 for the project, *Radiation Smart Structures with H-rich Nanostructured Multifunctional Material FY17*. The funds will assist Ms. Baugher to coordinate the annual statewide travel grant solicitations, research initiation grant solicitations, and research implementation grant solicitations. She will also be responsible for longitudinal tracking and producing reports required by NASA headquarters. The primary function of the grant is research. The principal investigator of the grant is **Ms. Madeline Baugher**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a subaward to SWOSU under the *Oklahoma NASA EPSCoR - Research Infrastructure Development Grant* in the amount of \$12,606. 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 **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification (Amendment #4) in the amount of \$30,000 for the project, *Oklahoma Space Grant and Fellowship Grant*. 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**.

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a subaward in the amount of \$28,462 for the project, *Space Grant Opportunities in NASA STEM*. The funds will assist Madeline Baugher in gathering longitudinal tracking data on students participating in the program and gather longitudinal tracking of student interns. The primary function of the modification is research. The principal investigator of the modification 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 the project, *Oklahoma NASA Space Grant Consortium – NASA Partnership with Community Colleges*. 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 **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a sub-award to SWOSU under the *Oklahoma NASA EPSCoR – FY17 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 **BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a subaward to SWOSU under the *Oklahoma NASA EPSCoR—FY17 Research Implementation Grant* in the amount of \$1,885. This funding will support the

work of Madeline Baugher with Dr. Vaidyanathan 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 the project, *Oklahoma Space Grant Consortium – NASA Partnerships 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 grant modification in the amount of \$2,070 for the project, *Oklahoma Space Grant Consortium – NASA Partnerships 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 **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through **THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification in the amount of \$4,600 for the project, *Oklahoma Space Grant 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**.

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through **THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification in the amount of \$7,939 for the project, *Space Grant Undergraduate Student Instrument Project*. These funds will be used for salaries and fringe benefits for Ms. Baugher to assist in longitudinal tracking and support to Dr. Zhang in producing the annual 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 BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA** awarded a grant modification in the amount of \$12,273 for the project, *Oklahoma Space Grant Consortium – NASA Partnership with Community Colleges*. These funds will be used for salaries and fringe benefits for Ms. Baugher to assist with the increased reporting requirements of the grant.. The primary function of the grant is research. The principal investigator of the grant is **Ms. Madeline Baugher**.

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 2017. 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 \$5,000 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**.

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

The **OKLAHOMA DEPARTMENT OF WILDLIFE AND CONSERVATION** awarded a grant in the amount of \$53,591 for the project, *A survey for rare mayfly and caddisfly species of greatest conservation need*. The funds will be for SWOSU students to perform surveys in areas of the state that have historical records of these rare species and habitats that support diverse caddisfly and mayfly assemblages. Dr. Cothran and his students will conduct surveys in the SE corner of the state and in the Arbuckle Mountains. 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**.

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 signal 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 award is research. The principal investigator is **Dr. Trevor Ellis**.

The **WOMEN'S FOUNDATION OF OKLAHOMA** awarded a grant in the amount of \$3,500 for the project, *SWOSU Single Mom's Network*. This grant will assist SWOSU to establish a single mom's 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 this award is **Dr. Amanda Evert**.

The **NATIONAL AERONAUTICS AND SPACE ADMINISTRATION**, through the **UNIVERSITY OF OKLAHOMA**, awarded a grant in the amount of \$2,817 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 for this award is **Dr. Jeremy Evert**.

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

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 this award is **Dr. Jeremy Evert**.

The **ARGOSY FOUNDATION**, through the **OKLAHOMA FIRST**, awarded a grant for *FTC Robotic Kit Loaner Management for Oklahoma High Schools in the amount of \$2,300*. These funds will be used to ship or transport loaner 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 this award is public service. The principal investigator for this award is **Mr. Brad Fitzgerald**.

The **U. S. DEPARTMENT OF AGRICULTURE** awarded a grant in the amount of \$485,498 for the project, *SWOSU USDA RUS Distance Learning and Telemedicine Grant Program*. The funding will be used to expand the University's distance learning area, and address the growing needs of rural Oklahoma and Texas students. The primary function of the award is instruction. The principal investigator of the grant is **Ms. Marci Grant**.

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

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

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

The **U. S. DEPARTMENT OF AGRICULTURE** awarded a grant in the amount of \$485,498 for the project, *SWOSU USDA RUS Distance Learning Telemedicine Program*. The funding will be used to expand the University's distance learning area, and address the growing needs of rural Oklahoma and Texas students. The primary function of the award is instruction. The principal investigator of the grant is **Ms. Marci Grant**.

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 Grant. 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 of the grant is **Dr. Aimee Henderson**.

The **CENTERS FOR DISEASE CONTROL AND PREVENTION**, through the **OKLAHOMA STATE DEPARTMENT OF HEALTH**, awarded a contract in the amount of \$193,410 for the project, *Health Disease and Stroke Prevention Program and Diabetes Prevention*. Southwestern Oklahoma State University's (SWOSU) College of Pharmacy, Rural Health Development, will use the funding to provide medication therapy management (MTM) services by clinical pharmacists for clients statewide and in the counties designated in the contract. The primary function of the grant is public service. The principal investigator of the contract is **Dr. Aimee Henderson**.

The **NATIONAL INSTITUTES OF HEALTH**, through the **UNIVERSITY OF OKLAHOMA HEALTH SCIENCES**, awarded a grant in the amount of \$2,200 for the project LC-SM Metabolomics Based Method Development for Evaluation of Changes in Antimicrobial and Secondary Metabolite Production in *Streptomyces* sps. The primary function of this award is research. The principal investigator is **Dr. Jon Henrikson**.

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 by Dr. Holgado and her undergraduate student researchers to study autophagy in neurons and test the hypothesis that autophagy protects against neurodevelopmental defects. The primary function of the award is research. The principal investigator is **Dr. Andrea Holgado**.



## FY17 SUMMARIES OF EXTRAMURAL AWARDS

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

The **NATIONAL 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 the Developing Nervous System*. This funding will be used to decipher the role of Autophagy in the Nervous System. Research findings from this grant may enhance understanding of two fundamental processes: neurodevelopment and neuroplasticity. The primary function of the grant is research. The principal investigator is **Dr. Andrea Holgado**.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$6,236 for the project, *Designing Tools to Study Autophagy in C. Elegan Neurons*. Dr. Holgado will be working with a freshman undergraduate student in molecular biology techniques, handling *C. elegans*, microinjecting DNA in *C. elegans* gonads, screening for transgenics, and performing nematode crosses. The primary function of the grant is research. The principal investigator of the grant is **Dr. Andrea Holgado**.

The **OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$1,350 to attend the GCAT-SEEK Faculty Workshop in Hampton, Virginia. The research paper presented was titled, *Investigating the Role of UNC-33 in Autophagy and its Effects on Axonal Elongation*. The primary function of the grant is research. The principal investigator of the travel grant is **Dr. Andrea Holgado**.

The **NATIONAL SCIENCE FOUNDATION** awarded a grant in the amount of \$600,000 for the project, RUI: Examining Molecular Players' Integrating Autophagy and Neuronal Development and Maintenance. The primary function of the grant is research. The principal investigator of the travel grant is **Dr. Andrea Holgado**.

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**.

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

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 **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 **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 **NATIONAL SCIENCE FOUNDATION, through OKLAHOMA STATE UNIVERSITY**, awarded a grant in the

amount of \$29,550 for the project, *Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology (OK-LSAMP) Supplemental*. This grant supports efforts to recruit minority students to pursue degrees in the science, mathematics, engineering, and technology fields. The primary function of the grant is research. The principal investigator of the grant is **Dr. Tim Hubin**.

The **NATIONAL SCIENCE FOUNDATION, through OKLAHOMA STATE UNIVERSITY**, awarded a grant in the amount of \$19,825 for the project, *Louis Stokes Alliance for Minority Participation in Science, Mathematics, Engineering, and Technology (OK-LSAMP) Supplemental*. This grant supports efforts to recruit minority students to pursue degrees in the science, mathematics, engineering, and technology fields. 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 \$32,712 for the project, *Novice Teacher Mentoring Program*. The primary function of the grant is instruction. The principal investigator of the grant is **Mr. Ed Klein**.

The **U. S. DEPARTMENT OF COMMERCE, through the ECONOMIC DEVELOPMENT ADMINISTRATION**, awarded a grant in the amount of \$102,590 for the project, *University Center FY16*. With this funding, SWOSU's University Center will provide technical assistance and applied research to support high-skill, high wage employment in the region. The primary function of the grant is public service. The principal investigator is **Mr. Doug Misak**.

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

The **U. S. DEPARTMENT OF COMMERCE**, through the **ECONOMIC DEVELOPMENT ADMINISTRATION**, awarded a grant in the amount of \$102,590 for the project, *University Center FY17*. With this funding, SWOSU's University Center will provide technical assistance and applied research to support high-skill, high wage employment in the region. The primary function of the grant is public service. The principal investigator is **Mr. Doug Misak**.

The **U. S. DEPARTMENT OF COMMERCE**, through the **ECONOMIC DEVELOPMENT ADMINISTRATION**, awarded a grant in the amount of \$102,590 for the project, *University Center FY17*. With this funding, SWOSU's University Center will provide technical assistance and applied research to support high-skill, high wage employment in the region. The primary function of the grant is public service. The principal investigator 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 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**.

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**.

**OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION** awarded a grant in the amount of \$500 for the *FY17 Partnership Recognition Program*. The program is designed to recognize higher education's business partners for their contributions to the workforce, community, and economic development. The primary function of the award is public service. The principal investigator of the award is **Mr. Doug Misak**.

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

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

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**, awarded a grant in the amount of 2,200 for the project, *National Conference on Undergraduate Research: Association between residential proximity crops and adverse outcomes in Oklahoma*. The funding will fund travel to the National Conference on Undergraduate Research in Memphis, Tennessee. Dr. Pate and students will have an opportunity to network with other faculty who are conducting research in the areas of Health Sciences, as well as enhance the educational opportunities for SWOSU students. The primary function of the award is research. The principal investigator of the grant is **Dr. Anne Pate**.

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 **OKLAHOMA ARTS COUNCIL** awarded a grant in the amount of \$1,000 for the project, *Cheyenne Art Workshop and Exhibition*. This project aims to raise public awareness and enhance young generation engagement with traditional tribal knowledge and Cheyenne arts. The primary function of the award is public service. The principal investigator of the grant is **Dr. Siriporn Peters**.

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 \$3,000 for the project, *47<sup>th</sup> Annual SWOSU Jazz Festival*. This grant will support the annual Jazz Festival at Southwestern Oklahoma State University. The festival will feature internationally known jazz musicians. The purpose of this festival is to provide SWOSU faculty and 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 the grant is **Dr. Richard Tirk**.

## FY17 SUMMARIES OF EXTRAMURAL AWARDS

The **CITY OF WEATHERFORD, HOTEL-MOTEL TAX ADVISORY COMMITTEE** awarded a grant in the amount of \$2,000 to fund the *47th 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**.

The **U. S. DEPARTMENT OF EDUCATION, through the OKLAHOMA STATE REGENTS FOR HIGHER EDUCATION**, awarded a grant in the amount of \$133,177.50 for the project, *KESAM Statewide Partnerships 2016*. 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 award is instruction. The principal investigator of the grant is **Dr. John Woods**.



INTRAMURAL ACTIVITY

## INTRAMURAL ACTIVITY SUMMARY SPONSORED PROGRAMS FY13 – FY17

	FY13	FY14	FY15	Fy16	FY17
<b><u>Supplemental Assistance</u></b>					
Number of Students Sponsored	11	12	9	9	0
Number of Faculty Sponsored	31	20	17	17	27
Number of Administration Sponsored	1	1	0	0	
Number of Staff Sponsored	0	0	0	0	
Number of Other Sponsored	0	0	0	0	
Total Amount	<b>\$17,954</b>	<b>\$15,139</b>	<b>\$12,000</b>	<b>\$12,548.12</b>	<b>\$7,675.12</b>

<b><u>Organized Research</u></b>					
College of Arts and Sciences	\$22,781	\$23,298	\$22,349	\$22,696	\$19,916.97
College of Pharmacy	\$6,648	\$5,400	\$5,400	\$5,400	\$2,025.57
College of Professional and Graduate Studies	\$20,886	\$20,104	\$14,814	\$22,696	\$18,250.20
Total Amount	<b>\$50,315</b>	<b>\$48,802</b>	<b>\$42,563</b>	<b>\$50,792</b>	<b>\$40,192.74</b>

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

\*Funding announcement pending

## FY17 SUPPLEMENTAL ASSISTANCE FACULTY SCHOLARLY ACTIVITY

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	LOCATION OF PRESENTATION	EXPENSES
Alsberg	Fred	CAS	N/A	Language and Literature	San Diego, California	\$500
Aracena	Jimena	CAS	N/A	Biological Sciences	Columbia, Missouri	\$500
Bland	Suré	CAS	N/A	Music	Greencastle, Indiana	\$500
Castle	Lisa	CAS	N/A	Biological Sciences	Tulsa, Oklahoma	\$337.81
Chen	Yu-Ling	CAS	N/A	Music	Sandusky, Ohio	\$350
Chen	Yu-Ling	CAS	N/A	Music	Taipei, Taiwan and Tsukuba, Japan	\$500
Collins	Kevin	CAS	N/A	Language and Literature	Morrow, Georgia	\$490.62
Davies	Elaine	CAS	N/A	Art, Communication, and Theatre	Salt Lake City, Utah	\$500
Fitzsimmons	Phillip	SWOSU Libraries	N/A	Al Harris Library, Weatherford Campus	San Antonio, Texas	\$500
Hayes	Ken	CAS	N/A	Language and Literature	Louisville, Kentucky	\$500
Horton	Christopher	CAS	N/A	Biological Sciences	Washington D.C.	\$500



LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	LOCATION OF PRESENTATION	EXPENSES
Jeong	E.K.	CAS	N/A	Art, Communication, and Theatre	Savannah, Georgia	\$500
Jeong	E.K.	CAS	N/A	Art, Communication, and Thatre	Hayes, Kansas	\$500
Jones	Robin	CAS	N/A	Art, Communication, and Theatre	Minneapolis, Minnesota	\$500
Lee	Sophia	CAS	N/A	Music	Taipei, Taiwan and Tsukuba, Japan	\$500
Martinson	Shelley	CAS	N/A	Music	San Diego, California	\$500
Martyn	David	CAS	N/A	Chemistry and Physics	Philadelphia, Pennsylvania	\$500
McGrane	Regina	CAS	N/A	Biological Sciences	New Orleans, Louisiana	\$500
McNamara	Tom	CAS	N/A	Mathematics	Atlanta, Georgia	\$500
Miller	April	SWOSU Libraries	N/A	Oscar McMahan Library, Sayre Campus	Loveland, Colorado	\$458.02
Novoy	Jamie	ADM	N/A	Upward Bound Program	Washington, D.C.	\$500
Parker	Todd	CAS	N/A	Art, Communication, and Theatre	Kansas City, Missouri	\$220
Peters	Siriporn	CAS	N/A	Art, Communication, and Theatre	Dallas, Texas	\$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>
<b>Sanga</b>	<b>Mapopa</b>	ADM	N/A	Center for Excellence in Teaching and Learning	Las Vegas, Nevada	\$500
<b>Sevin</b>	<b>Tugba</b>	CAS	N/A	Language and Literature	Dallas, Texas	\$500
<b>Smith</b>	<b>Amanda</b>	CAS	N/A	Language and Literature	Montreal, Canada	\$500
<b>Tracy</b>	<b>Matthew</b>	CAS	N/A	Music	Fairfax, Virginia	\$500
<b>Trubitsyn</b>	<b>Denis</b>	CAS	N/A	Biological Sciences	Marseille, France	\$500
<b>Woods</b>	<b>Kristin</b>	CPGS	N/A	Psychology	Atlanta, Georgia	\$500

**TOTAL FACULTY EXPENSES: \$13,856.45**

## FY17 ORGANIZED RESEARCH COLLEGE OF ARTS AND SCIENCES

LAST NAME	FIRST NAME	PROJECT TITLE	ALLOCATION	EXPENSES
Cash	Jason	Sans lingua frauca: language and power in <i>Metal Gear Solid V: The Phantom Pain</i>	\$790	\$790
Chen	Yu-Ling	Training beat synchronization to improve phonological processing: comparing playing musical rhythm video games and making music	\$1,590	\$1,563.01
Cothran	Rickey	Evolutionary ecology research in aquatic systems	\$1,590	\$1,590
Davies	Elaine	Why males have difficulty with the “V-word label”: victim. A case study approach to studying intimate partner violence	\$980	\$990.14
Ghosh	Swarup	Point derivations and Gleason parts for uniform algebras	\$1,140	\$1,140
Gwyn	Lori	Construction of arsenic biosensors for a biochemistry lab module	\$1,590	\$1,569.72
Henrikson	Jon	Method development to monitor changes in microbial secondary metabolite production in the presence of small-molecule chemical signals	\$1,590	\$1,590
Horton	Christopher	Identifying novel mechanisms of helper T cell differentiation	\$1,590	\$1,590
Jones	Zach	Non-native vs. native grassland habitat influences on vertebrate populations	\$1,380	\$1,374.87
Martinson	Shelley	Music of today	\$1,290	\$1,290

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>PROJECT TITLE</b>	<b>ALLOCATION</b>	<b>EXPENSES</b>
<b>McGrane</b>	<b>Regina</b>	Exploring bacterial surface sensing mechanisms and their roles in pathogenicity	\$1,590	\$1,549.23
<b>Sevin</b>	<b>Tugba</b>	Identity enrichment through language and cultural interactions	\$1,290	\$1,290
<b>Tracy</b>	<b>Matthew</b>	Schumann on saxophone: selected works by Robert Schumann arranged for saxophone and piano	\$2,000	\$2,000
<b>Trubitsyn</b>	<b>Denis</b>	The expression of the recombinant bovine gamma interferon in <i>Escherichia coli</i>	\$1,590	\$1,590

**TOTAL CAS ALLOCATIONS AND EXPENSES:    \$18,250.20    \$20,000**

**FY17 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	Health Benefits of the Sand Plum	\$2,000	\$2,025.57

**TOTAL COP ALLOCATIONS AND EXPENSES:    \$2,000    \$2,025.57**

## FY17 ORGANIZED RESEARCH COLLEGE OF PROFESSIONAL AND GRADUATE STUDIES

LAST NAME	FIRST NAME	PROJECT TITLE	ALLOCATION	EXPENSES
Baldo Evert	Carlos Amanda	Business & Information Science Research Team	\$4,000	\$3,638.13
Evert Evert Baughner	Jeremy Amanda Madeline	Support of OK NASA EPSCoR & USDA Research Partnership Grant	\$0	\$0
Evert	Jeremy	SWOSU Campus-Wide Cyber Infrastructure Plan Development in Support of Future Research Proposals	\$0	\$0
Evert	Jeremy	Single Board Node High Performance Computing Competition Team	\$2,500	\$2,500.21
Evert	Jeremy	Parallel & Distributed Computing Research Lab Enhancements for STF 259	\$0	\$0
Evert	Jeremy	Continued Development of Undergraduate Research in Cluster Computing	\$0	\$0
Ever Witt McCallay Cornett	Jeremy J.J. Riley Solomon	Research & Development of Integrated Design of Multi-Function Pathfinder Robot	\$500	\$499.41
Evert	Jeremy	Proposal for Creating Mixed Reality: A Head Start on the Next Technological Revolution	\$5,402.40	\$5,400.69
Li	Jack	Research on the Industrial Internet of Things	\$300	\$293.82
Pate	Anne	Health Statistics & Independent Undergraduate Research	\$3,717.60	\$2,530.25

<b>LAST NAME</b>	<b>FIRST NAME</b>	<b>PROJECT TITLE</b>	<b>ALLOCATION</b>	<b>EXPENSES</b>
<b>Sweeney</b>	<b>Karen</b>	Research Presentation at One of the World's Largest High Performance Computer Conference	\$1,000	\$1,000
<b>Xiong</b>	<b>Naixue</b>	A Strategic Provisioning Study of cloud Computing Services & Architecture	\$0	\$0
<b>Wolff</b>	<b>Kathy</b>	Factors That Influence Retention among First Semester Junior Nurisng Students in a Rural BSN Program	\$2,050	\$2,047.50
<b>Xiong Evert Fillippini</b>	<b>Naixue Jeremy Adriel</b>	Capstone Project	\$530	\$340.19
<b>TOTAL CPGS ALLOCATIONS AND EXPENSES:</b>			<b>\$20,000</b>	<b>\$18,250.20</b>

## FY17 PROPOSAL DEVELOPMENT AWARDS

LAST NAME	FIRST NAME	COLLEGE	SCHOOL	DEPARTMENT	PROJECT TITLE	PDA AMOUNT AWARDED
Baldo	Carlos	CPGS	SBT	Business	Business Students' pre-professional organizations as active learning activities and career opportunity	\$5,557.18
Henrikson	Jon	CAS	N/A	Chemistry and Physics	Accessing Untapped Secondary Metabolite Potential from <i>Streptomyces</i> spp. Through Chemical Signaling	\$5,950
Sharma	Horrick	COP	N/A	Pharmaceutical Sciences	Identification of novel Lactate dehydrogenase-A inhibitors using a silico virtual screening	\$5,980

**TOTAL PROPOSAL DEVELOPMENT AWARDS: \$17,487.18**



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

## FY17 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>Chang, Jieun</b>	Social Sciences	The effects of performance audits on educational production function efficiencies: evidence from Ohio	D	Western Economic Association International 92 <sup>nd</sup> Annual Conference San Diego, CA
<b>Chang, Jieun</b>	Social Sciences	Online Health Service and Concerns over Privacy and Security	PAPER	Western Economic Association International 92 <sup>nd</sup> Annual Conference San Diego, CA
<b>Tirk, Richard</b>	Music	Tri State Music Festival Judge	J	Adjudicator for competition Oklahoma City, OK
<b>Gates, Fred</b>	Social Sciences	Banking in Oklahoma Session Chair	SC	42 <sup>nd</sup> Annual Business and Economic History Society Conference Oklahoma City, OK
<b>Chang, Jieun</b>	Social Sciences	Estimating Willingness to Pay for Online Health Services with Discrete-Choice Experiments	PUB-J	Bethesda, MD
<b>Astle, Doris</b>	Social Sciences	Cuban Law Study Abroad Sponsored by NSU and OBA Criminal Law Section	GSI	NSU and OBA Criminal Law Section

**FY17 SCHOLARLY ACTIVITY  
COLLEGE OF PROFESSIONAL AND GRADUATE STUDIES**

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Edwards, Jared</b>	Psychology	Presenting information about white privilege and systemic racism: Message vs. Messenger	POST	Southwestern Psychological Association Annual Meeting Dallas, TX

## FY17 SCHOLARLY AND ACADEMIC ACTIVITY COLLEGE OF PHARMACY

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Johnson, Jeremy</b>	Pharmacy Practice	Recognizing and Appropriately Treating Latent Autoimmune Diabetes in Adults	PUB-J	Tulsa, OK
<b>Johnson, Jeremy</b>	Pharmacy Practice	Novel concentrated insulin delivery devices: Developments for safe and simple dose conversions	PUB-J	Tulsa, OK
<b>Johnson, Jeremy</b>	Pharmacy Practice	Barriers to Patient use of Control Solution for Glucose Meters: Surveys of Patients, Pharmacists, and Providers in a Metropolitan Area	PUB-J	Tulsa, OK
<b>Johnson, Jeremy</b>	Pharmacy Practice	A Literacy-Sensitive Approach to Improving Antibiotic Understanding in a Community-Based Setting	PUB-J	Tulsa, OK
<b>Johnson, Jeremy</b>	Pharmacy Practice	Interventions to improve dissemination and implementation of Hepatitis B vaccination in patients with diabetes	PUB-J	Tulsa, OK
<b>Johnson, Jeremy</b>	Pharmacy Practice	Factors Impacting the Growth and Success of CPFI Student Chapters: Evolution of the SWOSU Student Chapter	POST	2017 Christian Pharmacist Fellowship International (CPFI) Annual Conference and National Student Retreat Colorado Springs, CO
<b>Johnson, Jeremy</b>	Pharmacy Practice	New Concentrated Insulin Products: How to avoid dosing errors	WP	Oklahoma Society of Health-System Pharmacists (OSHP) Fall Meeting
<b>Johnson, Jeremy</b>	Pharmacy Practice	New Concentrated Insulin Products: How to avoid dosing errors	WP	University of Oklahoma Health Sciences Center College of Pharmacy Walter P. Scheffe Continuing Pharmaceutical Education Series Oklahoma City, OK

<b>Principal Investigator</b>	<b>Department</b>	<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Stevens, Debra</b>	Pharmacy Practice	Antipsychotics for Treatment Resistant Depression	WP	Family Medicine Residents at St. Anthony Hospital Oklahoma City, OK
<b>Stevens, Debra</b>	Pharmacy Practice	What should I ask the pharmacist? An emphasis on medication for mental health	WP	Oklahoma Association of People Supporting Employment First (OK-APSE) Conference Oklahoma City, OK
<b>Hix, Meri</b>	Pharmacy Practice	Survey of Men's Health Issues	GSI	Continuing Education Seminar Weatherford, OK
<b>Hix, Meri</b>	Pharmacy Practice	OK Board of Nursing Formulary Advisory Council	CA	Board/Council Annual Meeting
<b>Gales, Barry</b>	Pharmacy Practice	Received the 2016-17 Faculty of the Year Award from the Great Plains Family Medicine Residency Program	H	Great Plains Family Medicine Residency Program
<b>Williams, Nancy</b>	Pharmacy Practice	Glucagon-Like Peptide-1 (GLP-1) Receptor Aganists in Cardiac Disorders	RA	Annals of Pharmacotherapy
<b>Williams, Nancy</b>	Pharmacy Practice	Bridging the Vaccination Knowledge Gap with an Educational Game to Increase Administration Rates in	POST	American Society of Health-System Pharmacists Midyear Clinical Meeting 2016 Las Vegas, NV
<b>Williams, Nancy</b>	Pharmacy Practice	Reviewed 8 Abstracts in the Pharmacy Practice and Experiential Education Sections for the American Association of Colleges of Pharmacy Annual Meeting	R	American Association of Colleges of Pharmacy Annual Meeting 2017 Oklahoma City, OK
<b>Williams, Nancy</b>	Pharmacy Practice	Moderated 2 sessions of resident research project presentations for the Alcalde Southwest Residency Leadership Conference	WF	Alcalde Southwest Residency Leadership Conference Galveston, TX
<b>Williams, Nancy</b>	Pharmacy Practice	Point/Counterpoint: Are Outstanding Leaders Born or Made?	PUB-J	American Journal of Pharmaceutical Education

<b>Principal Investigator</b>		<b>Title</b>	<b>Type</b>	<b>Source</b>
<b>Claborn, Melanie</b>	Pharmacy Practice	Association (APhA) Annual Meeting Contributed	R	American Pharmacists Association (APhA) Annual Meeting
<b>Walker, Cheri</b>	Pharmacy Practice	Pain Management for the End of Life Nursing Education Consortium	WP	Oklahoma City, OK
<b>Williams, Nancy</b>	Pharmacy Practice	Reviewed 53 Abstracts for the Parenteral Nutrition Section of the Abstract Review Committee	R	American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.) Clinical Nutrition Week 2017
<b>Claborn, Melanie</b>	Pharmacy Practice	Drug Information and Electronic Resources in the Nutritional/Gastroenterologic Care	R	Ambulatory Care Self-Assessment Program for the American College of Clinical Pharmacy
<b>Claborn, Melanie</b>	Pharmacy Practice	Improving Patient Understanding of Asthma Control at the OKCIC Harmon-y Clinic	POST	Oklahoma City Indian Clinic Strut your Stuff PDSA Fair
<b>Claborn, Melanie</b>	Pharmacy Practice	A Review of New Drugs	R	Southwestern Continuing Pharmacy Education Oklahoma City, OK
<b>Claborn, Melanie</b>	Pharmacy Practice	Roll Up Your Sleeves: Vaccines are Not Just for	PUB-MZ	OKCIC Horizons 2016 Oklahoma City, OK
<b>Williams, Nancy</b>	Pharmacy Practice	Appointed Parenteral Nutrition Topic Leader of the Abstract Review Committee	CA	American Society for Parenteral and Enteral Nutrition Oklahoma City, OK
<b>Williams, Nancy</b>	Pharmacy Practice	Stewardship Program on Outcomes in Patients	R	American Journal of Health-System Pharmacy Oklahoma City, OK
<b>Williams, Nancy</b>	Pharmacy Practice	Coordinated and Judged the SWOSU-ASHP Clinical Skills Local Competition	J	American Society of Health-System Pharmacists Midyear Clinical Meeting
<b>Williams, Nancy</b>	Pharmacy Practice	Reviewed the Article Formalization of an Antimicrobial Stewardship Program in a Small	R	American Journal of Health-System Pharmacy



Principal Investigator		Title	Type	Source
<b>Claborn, Melanie</b>	Pharmacy Practice	Appointed to the Pharmacy Practice Section Membership Committee	CA	American Association of Colleges of Pharmacy Oklahoma City, OK
<b>Sharp, Randall</b>	Pharmacy Practice	Reviewed Papastergio J, Tolios P, Li W, et al. Innovative Canadian Pharmacogenomic Screening	R	Journal of the American Pharmaceutical Association
<b>Sharp, Randall</b>	Pharmacy Practice	Served in Office of Immediate Past President of the Oklahoma Society of Health Systems Pharmacists (OSHP) for 2016-2017	H	Oklahoma Society of Health System Pharmacists Oklahoma City, OK
<b>Saluja, Hardeep</b>	Pharmaceutical Sciences	Prophylaxis of migraine headaches with riboflavin: A systematic review	PUB-J	Weatherford, OK
<b>Thompson, Dennis</b>	Pharmaceutical Sciences	The Efficacy of sofoof-e banafshe in Prevention of Migraine Attacks: A Randomized, Double Blind, Placebo-Controlled Clinical Trial	R	Eur J Neurology Weatherford, OK
<b>Claborn, Melanie</b>	Pharmacy Practice	Breathe Easier: Improving the Management of Chronic	WP	Continuing Education Seminar Weatherford, OK
<b>Walker, Cheri</b>	Pharmacy Practice	Peer Review for the BMJ Open	R	BMJ Open Oklahoma City, OK
<b>Sharp, Randall</b>	Pharmacy Practice	Tako-Tsubo Syndrome in Patient with Significant Coronary Artery Disease after Single-Chamber	R	Journal of Heart and Circulation Oklahoma City, OK

## FY17 SCHOLARLY AND ACADEMIC ACTIVITY SWOSU LIBRARIES

Principal Investigator		Title	Type	Source
<b>Dupree, Jason</b>	Al Harris Library Weatherford Campus	Biology Capstone Posters Guest Juror	J	Biology Capstone Posters Weatherford, OK
<b>Pye, Linda</b>	Al Harris Library Weatherford Campus	Gardening Your Library: Weeding and Transplanting	PAPER	Oklahoma Library Association Conference Weatherford, OK
<b>Pye, Linda</b>	Al Harris Library Weatherford Campus	Presented the gavel as President of the Oklahoma Library Association	SNO	Oklahoma Library Association Annual Conference Norman, OK
<b>Pye, Linda</b>	Al Harris Library Weatherford Campus	Appointed Chair of the Presidential Initiatives Committee for the Oklahoma Library Association	CA	Oklahoma Library Association
<b>Fitzsimmons, Phillip</b>	Al Harris Library Weatherford Campus	Passed exam for Copyright Issues for Digital Archives Workshop	C	Society American Archivists Workshop Oklahoma City, OK
<b>Murray, Frederic</b>	Al Harris Library Weatherford Campus	Defend Your Institutions: Dissent	POST	Intellectual Freedom Blog