

EXTERNALLY FUNDED GRANTS AND CONTRACTS PROCESSED DURING **SEPTEMBER 2015**  
OFFICE OF SPONSORED PROJECTS ADMINISTRATION

Project Title	Principal Investigator(s)	Department(s)	Term of Award	Granting Agency	Grantor Award (Indirect Cost)
<b>RESEARCH AWARDS:</b>					
*Effect of Meal Size and Frequency on the Equine Cecal Microbiome	E. Venable	Animal Science, Food and Nutrition	08/11/15 - 08/10/16	Land O'Lakes, Inc.	\$21,168 (\$0)
*Botanical Survey of Shawnee National Forest Wyden RX Project Area	H. Lapham	Archaeological Investigations	08/24/15 - 02/01/18	U.S. Department of Agriculture/USFS/SNF	\$7,000 (\$1,444)
	M. Wagner	Archaeological Investigations			
*Cultural Resource and Biological Inventory of the Wyden RX Project Area	H. Lapham	Archaeological Investigations	07/02/15 - 05/22/19	U.S. Department of Agriculture/USFS/SNF	\$85,050 (\$7,732)
	M. Wagner	Archaeological Investigations			
*Towards Deciphering New Regulatory Mechanisms of Gene Expression Associated with Cardiovascular Diseases	S. Bhaumik	Biochemistry and Molecular Biology	07/01/15 - 06/30/16	American Heart Association	\$71,500 (\$6,500)
*Understanding the Role of IFN-Gamma and CIITA in Skeletal Muscle	J. Davie	Biochemistry and Molecular Biology	08/01/15 - 07/31/18	U.S. Department of Health and Human Services/NIH	\$389,400 (\$125,400)
*Low Cost High Throughput 3D Pulmonary Imager	B. Goodson	Chemistry	09/30/15 - 09/29/18	U.S. Department of Defense	\$532,878 (\$157,878)
Shear Wave Velocity Measurements and Liquefaction Analysis	P. Kolay	Civil and Environmental Engineering	08/25/15 - 08/24/16	Holcomb Foundation Engineering Company	\$25,000 (\$0)
	S. Kumar	Civil and Environmental Engineering			
	J. Pravin	Civil and Environmental Engineering			

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*AOI1: A Scaling Study of Microbially-Enhanced Methane Production from Coal (MECBM): Optimizing Nutrient Delivery	Y. Liang S. Harpalani	Civil and Environmental Engineering Mining and Mineral Resources Engineering	10/01/15 - 09/30/16	Pennsylvania State University (USDOE)	\$320,000 (\$94,163)
*SIU Energy Boost Research Grant	T. Wiltowski J. Garvey	Coal Research Center Vice Chancellor for Research	05/01/15 - 06/30/19	Clean Coal Review Board	\$4,613,895 (\$364,900)
*Migration Patterns, Habitat Use, Food Habits, and Harvest Characteristics of Long-Tailed Ducks (LTDU) Wintering on Lake Michigan	M. Eichholz	Cooperative Wildlife Research Laboratory	08/18/15 - 07/31/16	U.S. Department of the Interior/ USGS	\$26,156 (\$3,896)
*Monitoring and Management of the Texas Horned Lizard on Tinker Air Force Base (AFB), Oklahoma	E. Schaubert	Cooperative Wildlife Research Laboratory	08/01/15 - 07/31/16	U.S. Department of Defense	\$35,000 (\$5,213)
Collaborative Research: consortium for Embedded Systems - Phase II	S. Tragoudas	Electrical and Computer Engineering	09/10/15 - 03/31/19	National Science Foundation	\$40,000 (\$12,881)
*I/UCRC FRP: Collaborative Research: Scalable and Power-Efficient Compressive Sensing CMOS Image Sensors and Reconstruction Circuits	S. Tragoudas H. Wang	Electrical and Computer Engineering Electrical and Computer Engineering	10/01/15 - 09/30/17	National Science Foundation	\$99,999 (\$32,203)
*EAGER: The Carbondale Study: A Model for Student and Community Engagement in Research	S. McClurg	Journalism	08/15/15 - 07/31/16	National Science Foundation	\$78,551 (\$25,296)
*Stochastic Dynamics: Finite and Infinite Dimensional	S. Mohammed	Mathematics	09/15/15 - 08/31/18	National Science Foundation	\$120,006 (\$38,646)
*Adhesive Bondline NDE Digital Image Correlation	T. Chu	Mechanical Engineering and Energy Processes	05/01/15 - 09/30/15	Boeing Commercial Airplane Group	\$14,025 (\$3,319)
Molecular Determinants of Community Activity, Stability and Ecology (MDCASE)	K. Bender	Microbiology	09/18/15 - 09/30/17	U.S. Department of Energy/LBNL	\$8,000 (\$2,502)

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*Biosynthesis of 3-Methylhopanoids by Purple Non-Sulfur Anoxygenic Phototrophs	M. Madigan	Microbiology	06/06/15 - 06/02/18	SETI Institute (NASA)	\$9,588 (\$3,088)
*1/2 Addressing Rural Cancer Health Disparities: An SCC-SIUSM Partnership	L. Brard	Obstetrics and Gynecology	09/08/15 - 08/31/16	U.S. Department of Health and Human Services/NIH	\$224,852 (\$72,949)
Field Trial Studies	R. Krausz	Plant, Soil, and Agricultural Systems	07/01/15 - 06/30/16	Monsanto Company	\$1,500 (\$0)
*3-Way Approach for ED Prevention	K. McVary	Surgery	09/01/14 - 06/30/15	University of Illinois at Chicago	\$8,403 (\$2,706)
<b>TRAINING AWARDS:</b>					
Bartholomew Student - MD Anderson	R. Gupta	Biochemistry and Molecular Biology	07/01/15 - 08/31/16	MD Anderson Cancer Center	\$36,350 (\$0)
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The Pyramid of Academic Student Success (PASS)	D. Ardrey	College of Education and Human Services	07/01/15 - 06/30/16	Egyptian Community Unit School District #5 (ISBE)	\$29,313 (\$1,396)
*I-STEM Network Local Area Partnerships	W. Calvert	Mathematics	07/01/15 - 09/30/15	Jackson and Perry Counties' Regional Office of Education (ISBE)	\$23,850 (\$0)
Rehabilitation Long-Term Training - Rehabilitation Counseling	T. Upton	Rehabilitation Institute	10/01/15 - 09/30/16	U.S. Department of Education	\$200,000 (\$3,412)

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*2015-2016 Otolaryngology Surgical Skills Labs	S. Desai	Surgery	08/31/15 - 06/30/16	DePuy Sentes	\$2,000 (\$0)
<b>OTHER AWARDS:</b>					
*Archaeological Site File Digitization	M. Wagner	Archaeological Investigations	07/24/15 - 06/30/16	Illinois Department of Natural Resources	\$4,900 (\$1,011)
*Archaeological Survey at General Dowling Airport, Peoria	M. Wagner	Archaeological Investigations	OPEN - 12/31/15	Illinois National Guard	\$2,421 (\$500)
Cooperative Work Study Program 2015	W. Wendler N. Lach	Architecture Architecture	02/03/15 - 06/30/15	Illinois Board of Higher Education	\$11,197 (\$0)
*Illinois Manufacturing Excellence Center FY16	K. Harfst M. Lay R. Russell	Economic and Regional Development Economic and Regional Development Economic and Regional Development	10/01/15 - 09/30/16	Bradley University (NIST/USDOE)	\$1,385,258 (\$101,423)
Head Start Basic FY2016 Start Up	L. Flowers	Head Start	07/01/15 - 06/30/16	U.S. Department of Health and Human Services/OHDS/ACF	\$100,000 (\$5,061)
*The Southern Illinois Collegiate Cyber Co-Op (SI3C): Furthering the Study of Cybersecurity in Southern Illinois Through a Regional College Partnership	T. Imboden B. Woodward N. Martin A. Soares S. Chung	Information Systems and Applied Technologies Information Systems and Applied Technologies Information Systems and Applied Technologies Information Systems and Applied Technologies Information Systems and Applied Technologies	09/11/15 - 09/10/16	National Security Agency	\$15,800 (\$0)

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Illinois Delta Network: Illinois CATCH Onto Health!	J. Franklin K. Sanders	Rural Health and Social Service Development Rural Health and Social Service Development	08/01/15 - 07/31/16	U.S. Department of Health and Human Services/HRSA	\$400,000 (\$42,180)
Legal Services to Older Persons	J. Erbes	School of Law	10/01/15 - 09/30/16	Egyptian Area Agency on Aging (USDHHS)	\$21,678 (\$1,971)
Saluki Rising Scholars Program	R. Greer	Student Support Services	08/20/15 - 08/19/16	AT&T Foundation Excelerator Program	\$75,000 (\$0)
Curricular Review and Development for Health Care Environment Services, Housekeeping, Maintenance, and Food Service Training Programs for LIUNA	T. Hovatter	Workforce Education and Development	02/24/15 - 06/30/15	The Laborers' International Union of North America	\$36,647 (\$8,672)

\* *indicates new award*

**Awards Processed During September 2015: (40) \$9,221,785**

SUMMARY OF AWARDS PROCESSED DURING THE FISCAL YEAR TO DATE

	<b>Processed During FY 2016 through September 2015</b>		Processed During FY 2015 through September 2014	
Indirect Costs		<b>\$2,516,738</b>		\$2,042,998
Research	(63)	<b>\$10,647,785</b>	(63)	\$6,374,328
Training	(25)	<b>\$1,716,458</b>	(15)	\$1,741,704
Other	(26)	<b>\$11,330,202</b>	(49)	\$12,866,352
Federal	(37)	<b>\$10,084,785</b>	(36)	\$9,037,913
State	(12)	<b>\$841,761</b>	(39)	\$3,498,877
Industry	(24)	<b>\$5,443,610</b>	(11)	\$964,471
Foundation	(10)	<b>\$355,729</b>	(11)	\$562,124
Other	(31)	<b>\$6,968,560</b>	(30)	\$6,918,999
<b>TOTAL</b>	<b>(114)</b>	<b>\$23,694,445</b>	<b>(127)</b>	<b>\$20,982,384</b>

SUMMARY OF AWARDS PROCESSED DURING FISCAL YEAR 2016 TO DATE, BY COLLEGE OR MAJOR UNIT

	RESEARCH	TRAINING	OTHER	TOTAL
College of Agricultural Sciences	\$88,928	\$0	\$0	\$88,928
College of Applied Sciences and Arts	\$0	\$0	\$65,843	\$65,843
Office of the Chancellor	\$0	\$0	\$1,742,400	\$1,742,400
College of Education and Human Services	\$0	\$675,455	\$8,442,936	\$9,118,391
College of Engineering	\$732,651	\$23,850	\$118,816	\$875,317
School of Law	\$0	\$0	\$21,678	\$21,678
College of Liberal Arts	\$163,813	\$157,434	\$7,321	\$328,568
College of Mass Communication and Media Arts	\$78,551	\$0	\$9,901	\$88,452
School of Medicine-Carbondale	\$534,006	\$286,301	\$400,000	\$1,220,307
School of Medicine-Springfield	\$2,705,967	\$10,895	\$136,352	\$2,853,214
College of Science	\$1,504,028	\$547,142	\$13,600	\$2,064,770
University College	\$0	\$0	\$356,365	\$356,365
Office of Vice Chancellor for Admin & Finance	\$0	\$0	\$14,990	\$14,990
Office of Vice Chancellor for Research	\$4,839,841	\$15,381	\$0	\$4,855,222
<b>TOTAL</b>	<b>\$10,647,785</b>	<b>\$1,716,458</b>	<b>\$11,330,202</b>	<b>\$23,694,445</b>

*Awards are distributed between colleges according to percentage of effort reported to OSPA.*

*Due to rounding in distribution calculations, sums of columns may not match totals.*

AWARDS PROCESSED DURING FISCAL YEAR 2016 TO DATE COMPARED TO PREVIOUS FISCAL YEARS, BY COLLEGE OR MAJOR UNIT

	Processed During FY 2013 through September 2012	Processed During FY 2014 through September 2013	Processed During FY 2015 through September 2014	Processed During FY 2016 through September 2015
College of Agricultural Sciences	\$2,028,431	\$1,642,622	\$856,606	\$88,928
College of Applied Sciences and Arts	\$382,053	\$125,489	\$38,422	\$65,843
Office of the Chancellor	\$4,849,673	\$4,310,962	\$4,834,104	\$1,742,400
College of Education and Human Services	\$4,714,812	\$1,090,863	\$7,091,222	\$9,118,391
College of Engineering	\$1,121,048	\$281,661	\$204,629	\$875,317
Illinois Clean Coal Institute	\$696,150	\$723,720	\$0	\$0
School of Law	\$0	\$103,020	\$15,000	\$21,678
College of Liberal Arts	\$1,211,320	\$1,245,725	\$554,949	\$328,568
Library Affairs	\$0	\$1,000	\$0	\$0
College of Mass Communication and Media Arts	\$0	\$0	\$293,492	\$88,452
School of Medicine-Carbondale	\$1,056,923	\$1,662,101	\$1,339,899	\$1,220,307
School of Medicine-Springfield	\$2,951,782	\$4,728,523	\$1,496,645	\$2,853,214
Office of the Provost and Vice Chancellor	\$16,000	\$5,000	\$50,500	\$0
College of Science	\$1,783,814	\$1,878,782	\$2,521,316	\$2,064,770
Security Office	\$9,000	\$0	\$0	\$0
University College	\$295,824	\$266,658	\$331,374	\$356,365
Office of Vice Chancellor for Admin & Finance	\$0	\$0	\$2,707	\$14,990
Office of Vice Chancellor for Research	\$1,535,021	\$2,049,894	\$1,351,520	\$4,855,222
<b>TOTAL</b>	<b>\$22,651,850</b>	<b>\$20,116,021</b>	<b>\$20,982,384</b>	<b>\$23,694,445</b>

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