

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

Project Title	Principal Investigator(s)	Department(s)	Term of Award	Granting Agency	Grantor Award (Indirect Cost)
RESEARCH AWARDS:					
DNA Mismatch Repair in the Nucleosomal Environment	F. Kadyrov	Biochemistry and Molecular Biology	12/01/15 - 11/30/16	U.S. Department of Health and Human Services/NIH/NIGMS	\$209,520 (\$65,520)
*An Integrated Platform for Producing Biofuels from Sweet Sorghum Bagasse	Y. Liang T. Wiltowski S. Park	Civil and Environmental Engineering Mechanical Engineering and Energy Processes Civil and Environmental Engineering	09/01/15 - 08/31/16	U.S. Environmental Protection Agency	\$15,000 (\$4,830)
*Neonicotinoids on the Landscape: Using Sharp-Tailed Grouse to Evaluate Exposure in Agricultural Landscapes	D. Chen	Cooperative Wildlife Research Laboratory	10/07/15 - 06/30/17	Minnesota Department of Natural Resources	\$48,000 (\$0)
Identifying Wetland Availability and Quality for Focal Species of the Illinois Wetlands Campaign	M. Eichholz	Cooperative Wildlife Research Laboratory	10/02/15 - 06/30/16	Illinois Department of Natural Resources (USDI/USFWS)	\$59,203 (\$6,625)
*Ferguson and the Impact on Public Perception and Police Authority	T. Kochel	Criminology and Criminal Justice	06/01/15 - 08/15/16	Charles Koch Foundation	\$37,979 (\$0)
*Using the Bioavailability to Assess Pyrethroid Insecticide Toxicity in Urban Sediments	M. Lydy K. Huff Hartz	Fisheries and Illinois Aquaculture Center Fisheries and Illinois Aquaculture Center	09/15/15 - 09/14/18	University of Illinois/Illinois Water Resources Center (USDI/USGS)	\$249,329 (\$0)
Konza Prairie: Processes Influencing Community Assembly During Tallgrass Prairie Restoration	S. Baer	Forestry	11/01/15 - 10/31/16	Kansas State University (NSF)	\$25,078 (\$2,280)
Ecological Site Descriptions in Concert with Missouri Soil Survey	E. Holzmueller	Forestry	07/01/15 - 06/30/16	Missouri Department of Conservation	\$192,294 (\$0)

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*Universities Build Environments and Neighbors (UBEAN)	L. Duram	Geography	09/30/15 - 09/29/17	U.S. Department of Agriculture	\$98,193 (\$20,262)
*Magmatic Intrusions into Sulfur-Rich Sediments: Analogs for Martian Exploration and Potential Habitability	J. Filiberto S. Potter-McIntyre	Geology Geology	05/22/16 - 02/25/17	National Geographic Society	\$14,692 (\$0)
*Assessment of Anti-COX-2, anti-hypertensive drugs and novel formulation of PS-PXL for treatment of metastatic human cancers	S. Ran	Medical Microbiology and Immunology	10/02/15 - 09/30/16	Autotelic, Inc.	\$66,263 (\$21,339)
*GO29437 Evaluation of MPDL3280A in Patients with Stage IV Aquamous Lung Cancer	M. Desai	Medicine	10/22/15 - OPEN	Genetech	\$4,118,497 (\$900,374)
*Methionine Restriction and Delay Aging: A Search for Mechanisms	L. Sun	Medicine	09/15/15 - 08/31/16	U.S. Department of Health and Human Services/NIH	\$346,859 (\$96,857)
The Effects of Early Life Nutritional and Hormonal Signals on Mammalian Aging	L. Sun	Medicine	09/30/15 - 05/31/16	U.S. Department of Health and Human Services/NIH	\$49,140 (\$3,640)
Molecular Determinants of Community Activity, Stability and Ecology (MDCASE)	K. Bender	Microbiology	11/13/15 - 09/30/17	U.S. Department of Energy/LBNL	\$1,686 (\$527)
Coding in Auditory Neurons: Effects of Amino Acids	D. Caspary	Pharmacology	12/01/15 - 11/30/16	U.S. Department of Health and Human Services/NIH/NIDCD	\$522,209 (\$168,169)
*DMREF: Collaborative Research: First-Principles Base Design of Spintronic Materials and Devices	D. Mazumdar	Physics	09/01/15 - 08/31/16	University of Alabama at Birmingham (NSF)	\$46,598 (\$15,006)
Atomic Layers of Nitrides, Oxides and Sulfides	S. Talapatra	Physics	08/26/15 - 12/31/15	Rice University (USA/ARO)	\$100,000 (\$25,926)
Agronomic and Environmental Assessment of Cover Crop in Illinois	R. Cook	Plant, Soil, and Agricultural Systems	01/01/15 - 12/31/15	University of Illinois (Nutrient Research and Education Council)	\$39,770 (\$3,615)

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*The Effects of G77 Nitrification on the Rate of Nitrification in 4 soils - 2015	R. Cook	Plant, Soil, and Agricultural Systems	09/01/15 - 10/31/16	Koch Agronomic Services, LLC.	\$17,572 (\$2,929)
Screening of Pesticides - Corn	A. Fakhoury	Plant, Soil, and Agricultural Systems	11/23/15 - 03/30/17	University of Illinois	\$25,025 (\$2,275)
Exploiting Potential Bio-Control Agents to Manage Seedling Diseases of Soybean	A. Fakhoury J. Bond	Plant, Soil, and Agricultural Systems Plant, Soil, and Agricultural Systems	10/01/15 - 09/30/16	North Central Soybean Research Program	\$139,991 (\$0)
*Development of Soybean Genotypes with Enhanced Capacity of Nitrogen Fixation	S. Kantartzi R. Hamawaki	Plant, Soil, and Agricultural Systems Plant, Soil, and Agricultural Systems	10/01/15 - 09/30/16	North Central Soybean Research Program	\$26,281 (\$0)
Understanding the Genetic Control of SCN Resistance and Nematode Virulence to Enhance Durability of Resistance in Soybean	K. Meksem	Plant, Soil, and Agricultural Systems	10/01/15 - 09/30/16	University of Missouri-Columbia (USB)	\$119,607 (\$0)
*EXE844B-C002 in Treatment of Otitis Media at the Time of Tympanostomy Tube Insertion	S. Ettema	Surgery	10/21/15 - OPEN	Alcon Research LTD.	\$19,368 (\$3,690)
*GT11307/4.0 Preoperataive Antithrombin in Patients Undergoing Cardiopulmonary Bypass	S. Hazelrigg	Surgery	09/23/15 - OPEN	Grifols, Inc.	\$43,465 (\$8,961)
Injury Prevention - Think First Program	N. Kyrouac	Surgery	10/01/15 - 09/30/16	Illinois Department of Transportation	\$269,045 (\$24,152)
*Prairie Generating Company Logistics Study	J. Garvey	Vice Chancellor for Research	02/19/15 - 06/30/16	Prairie State Generating Company	\$250,000 (\$50,000)
*Survey and Risk Assessment of the Salamander-Killing Chytrid Fungus in Illinois	A. Catenazzi	Zoology	11/02/15 - 07/31/18	Illinois Department of Natural Resources (USDI/USFWS)	\$55,327 (\$9,221)

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Stream Invertebrate and Forest Cicada Studies on Konza Prairie	M. Whiles	Zoology	11/19/15 - 10/31/16	Kansas State University (NSF)	\$24,013 (\$2,183)
TRAINING AWARDS:					
Growing Agricultural Science Teachers Grant (GAST)	S. Pense	Plant, Soil, and Agricultural Systems College of Agricultural Sciences	09/18/15 - 06/30/16	Illinois State Board of Education	\$14,000 (\$0)
	C. Clemons				
Autism Extension Services	M. Dixon	Rehabilitation Institute	08/16/15 - 08/15/16	Illinois Center for Autism	\$47,862 (\$0)
OTHER AWARDS:					
Association of Rural and Small Schools-Executive Director Partnership Support	D. Ardrey	College of Education and Human Services	09/10/15 - 06/30/19	Association of Rural and Small Schools	\$36,272 (\$1,727)
Teaching with Primary Sources	G. Miller	Curriculum and Instruction	10/01/15 - 09/30/16	Library of Congress	\$39,583 (\$0)
	D. Ardrey	College of Education and Human Services			
Project 12-Ways FY16	M. May	Educational Psychology and Special Education Rehabilitation Institute	07/01/15 - 06/30/16	Illinois Department of Human Services (USDHHS)	\$593,502 (\$0)
	C. Flowers				
Motorcycle Rider Safety Training Program 2016	J. Borrenpohl	Health Education and Recreation	12/01/15 - 11/30/16	Illinois Department of Transportation	\$948,284 (\$80,508)
Incentive Grant for Agricultural Science Teacher Education FY2015	S. Pense	Plant, Soil, and Agricultural Systems College of Agricultural Sciences	09/18/15 - 06/30/16	Illinois State Board of Education	\$5,452 (\$0)
	C. Clemons				
SIMA Project	L. Stewart	Political Science	07/01/15 - 06/30/16	Southern Illinois Mayors Association	\$9,964 (\$0)

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*Community Support Network	R. Kulys	Psychiatry	10/21/15 - 05/31/16	Community Foundation for the Land of Lincoln	\$2,500 (\$0)
Jackson County Jail GED Program	C. Flowers K. Pregowski	Rehabilitation Institute Rehabilitation Institute	12/01/15 - 11/30/16	Jackson County Jail	\$10,236 (\$0)
EDC Third Party Agreement FY2016	L. Henson	Rehabilitation Institute	07/01/15 - 06/30/16	Illinois Department of Human Services (USDHHS)	\$889,963 (\$0)
Employability Development Program (DFI) FY16	L. Miller S. Robertson	Rehabilitation Institute Rehabilitation Institute	07/01/21 - 06/30/16	Illinois Department of Human Services (USDHHS)	\$47,155 (\$0)
*2015 Community Grant	N. Kyrouac	Surgery	10/20/15 - 05/31/16	Community Foundation for the Land of Lincoln	\$2,200 (\$0)
DSP/DD Aide Training Verification FY2016	T. Hovatter	Workforce Education and Development	07/01/15 - 06/30/16	Illinois Department of Human Services	\$35,750 (\$3,250)
*Credential Registry and Directory Application Pilot Project	J. Kitchens	Workforce Education and Development	07/01/15 - 06/30/16	George Washington University (Luminia Foundation)	\$354,011 (\$24,700)

* *indicates new award*

Awards Processed During November 2015: (45) \$10,266,738

SUMMARY OF AWARDS PROCESSED DURING THE FISCAL YEAR TO DATE

	Processed During FY 2016 through November 2015		Processed During FY 2015 through November 2014	
Indirect Costs		\$5,048,220		\$2,961,751
Research	(107)	\$19,093,122	(109)	\$12,043,427
Training	(28)	\$2,127,556	(29)	\$2,753,358
Other	(56)	\$22,163,824	(75)	\$17,285,769
Federal	(51)	\$12,109,918	(49)	\$10,669,331
State	(37)	\$11,621,927	(61)	\$8,447,947
Industry	(33)	\$10,202,124	(24)	\$2,260,379
Foundation	(16)	\$492,190	(16)	\$998,478
Other	(54)	\$8,958,343	(63)	\$9,706,419
TOTAL	(191)	\$43,384,502	(213)	\$32,082,554

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

	RESEARCH	TRAINING	OTHER	TOTAL
College of Agricultural Sciences	\$1,424,380	\$14,000	\$5,452	\$1,443,832
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	\$1,072,553	\$18,387,417	\$19,459,970
College of Engineering	\$747,651	\$23,850	\$118,816	\$890,317
School of Law	\$0	\$0	\$21,678	\$21,678
College of Liberal Arts	\$299,985	\$157,434	\$18,285	\$475,704
College of Mass Communication and Media Arts	\$78,551	\$0	\$9,901	\$88,452
School of Medicine-Carbondale	\$903,972	\$286,301	\$509,500	\$1,699,773
School of Medicine-Springfield	\$8,394,162	\$10,895	\$880,577	\$9,285,634
Office of the Provost and Vice Chancellor	\$0	\$0	\$5,000	\$5,000
College of Science	\$1,753,531	\$547,142	\$27,600	\$2,328,273
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	\$5,490,882	\$15,381	\$0	\$5,506,263
TOTAL	\$19,093,122	\$2,127,556	\$22,163,824	\$43,384,502

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 November 2012	Processed During FY 2014 through November 2013	Processed During FY 2015 through November 2014	Processed During FY 2016 through November 2015
College of Agricultural Sciences	\$2,837,425	\$2,113,114	\$1,807,899	\$1,443,832
College of Applied Sciences and Arts	\$404,389	\$125,489	\$93,526	\$65,843
Office of the Chancellor	\$4,956,953	\$4,371,297	\$4,922,103	\$1,742,400
College of Education and Human Services	\$9,074,048	\$7,388,114	\$9,905,533	\$19,459,970
College of Engineering	\$1,161,569	\$839,514	\$627,509	\$890,317
Illinois Clean Coal Institute	\$696,150	\$775,720	\$2,010,731	\$0
School of Law	\$200,087	\$152,767	\$67,891	\$21,678
College of Liberal Arts	\$2,065,276	\$1,616,677	\$646,570	\$475,704
Library Affairs	\$0	\$1,000	\$0	\$0
College of Mass Communication and Media Arts	\$101,925	\$134,527	\$1,459,020	\$88,452
School of Medicine-Carbondale	\$1,074,607	\$2,494,332	\$1,641,678	\$1,699,773
School of Medicine-Springfield	\$5,412,577	\$6,556,321	\$3,751,150	\$9,285,634
Office of the Provost and Vice Chancellor	\$16,000	\$101,384	\$178,712	\$5,000
College of Science	\$2,514,392	\$2,247,486	\$2,842,255	\$2,328,273
Security Office	\$9,000	\$0	\$0	\$0
University College	\$295,824	\$266,658	\$331,374	\$356,365
University Press	\$7,500	\$0	\$0	\$0
Office of Vice Chancellor for Admin & Finance	\$0	\$0	\$2,707	\$14,990
Office of Vice Chancellor for Research	\$1,719,715	\$2,089,359	\$1,793,897	\$5,506,263
TOTAL	\$32,547,436	\$31,273,760	\$32,082,554	\$43,384,493

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