

EXTERNALLY FUNDED GRANTS AND CONTRACTS PROCESSED DURING **AUGUST 2016**
OFFICE OF SPONSORED PROJECTS ADMINISTRATION

| Project Title | Principal Investigator(s) | Department(s) | Term of Award | Granting Agency | Grantor Award (Indirect Cost) |
|--|---------------------------|--|---------------------|--|-------------------------------|
| RESEARCH AWARDS: | | | | | |
| *SIU Archaeological Site File Digitization, Part II | M. Wagner | Archaeological Investigations | 07/01/16 - 06/30/17 | Illinois Department of Natural Resources | \$8,027 (\$1,656) |
| *Archaeological Collection Rehabilitation | M. Wagner R. Campbell | Archaeological Investigations Archaeological Investigations | 07/27/16 - 08/11/20 | U.S. Department of Agriculture/ USFS/SNF | \$29,000 (\$2,636) |
| *Little Grassy Camp Archaeological Survey | M. Wagner R. Campbell | Archaeological Investigations Archaeological Investigations | 07/01/16 - 06/30/17 | United Methodist Church | \$5,587 (\$1,153) |
| 15 N-Based pH and Metabolic Sensors as Pure Parahydrogen-Enhanced Metabolic MRI Contrast Agents for Molecular Imaging | B. Goodson | Chemistry | 09/01/16 - 08/31/17 | U.S. Department of Health and Human Services/NIH | \$189,615 (\$28,902) |
| *Contaminants of Emerging Concern-Chemical Analysis and Screening Values | D. Chen | Cooperative Wildlife Research Laboratory | 07/07/16 - 12/31/17 | U.S. Department of the Interior/ USFWS | \$90,593 (\$13,493) |
| *CDS&E: Coupled Thermal, Piezoelectric, and Hot Carrier Effects in AlGaIn/GaN HEMTs: Multiscale Modeling of Time Evolution of Device Degradation | S. Ahmed | Electrical and Computer Engineering | 09/01/16 - 08/31/19 | National Science Foundation | \$282,815 (\$91,076) |
| SIU Team: Geriatric Workforce Enhancement Program | S. Smaga E. Jurkowski | Family and Community Medicine Social Work | 07/01/16 - 06/30/17 | Rush University (USDHHS/HRSA) | \$153,321 (\$11,357) |
| *Pallid Sturgeon Environmental Life History in the Missouri and Mississippi Rivers | G. Whitledge | Fisheries and Illinois Aquaculture Center | 07/01/16 - 06/30/17 | Missouri Department of Conservation | \$35,412 (\$0) |
| *Moving Past Conflict on the Shawnee National Forest: Planning for a Resilient Southern Illinois | K. Akamani | Forestry | 08/08/16 - 05/31/21 | U.S. Department of Agriculture/ USFS | \$12,588 (\$0) |

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| *North American Heat Wave Predictability: Assessing the Role of Land Surface Initialization on S2S and NMME Model Forecasts | T. Ford | Geography | 07/01/16 - 06/30/17 | U.S. Department of Commerce/ NOAA | \$52,283 (\$16,837) |
| *Finite Element/Contact Mechanisms Modeling and Experimental Correlation of the OH-58 Transmission | C. Cooley | Mechanical Engineering and Energy Processes | 08/09/16 - 08/08/17 | U.S. Department of the Army/ARL | \$50,000 (\$16,102) |
| *Identification of Patterns of Use of Electronic Health Record System in an Ambulatory Health Care Setting | R. Robinson | Medicine | 06/01/16 - 05/31/17 | Caryl Moy Fund for Collaborative Research | \$6,625 (\$0) |
| Cystic Fibrosis Care Center Grant FY2017 | M. Johnson | Pediatrics | 07/01/16 - 06/30/17 | Cystic Fibrosis Foundation | \$29,260 (\$0) |
| *SIU Healthcare Pediatrics Big Data Analysis | S. Vohra | Pediatrics | 06/01/16 - 05/31/17 | University of Illinois | \$2,083 (\$0) |
| Identification of Novel Sources of Resistance to Ear Rot and Aflatoxin Accumulation in Corn | A. Fakhoury | Plant, Soil, and Agricultural Systems | 08/07/16 - 02/29/20 | U.S. Department of Agriculture | \$15,000 (\$0) |
| *Corn and Soybean Field Testing | K. Gage J. Matthews | Plant, Soil, and Agricultural Systems Plant, Soil, and Agricultural Systems | 04/01/16 - 12/31/18 | Dow AgroSciences | \$33,600 (\$2,850) |
| *Improving Pollinator Conservation and Water Quality on a Landscape Scale through Interagency Collaboration | K. Gage S. Sipes J. Schoonover | Plant, Soil, and Agricultural Systems Plant Biology Forestry | 08/15/16 - 08/14/19 | U.S. Department of the Interior/ USFWS | \$423,010 (\$63,002) |
| *Assessment of GORE EXCLUDER Device in the Treatment of Abdominal Aortic Aneurysms | K. Hodgson | Surgery | 05/18/16 - OPEN | W.L. Gore and Associates, Inc. | \$34,884 (\$7,084) |
| *Analysis of Bark Beetle Trapping Data: Long-Term Surveys and Short-Range Transects | J. Reeve | Zoology | 07/20/16 - 12/31/17 | U.S. Department of Agriculture/ USFS/SNF | \$5,436 (\$0) |

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| TRAINING AWARDS: | | | | | |
| SIUC McNair Scholars Program | K. Renzaglia R. Seymour L. Chevalier K. Jones | College of Science Center for Undergraduate Research College of Engineering Animal Science, Food and Nutrition | 10/01/16 - 09/30/17 | U.S. Department of Education | \$235,664 (\$17,457) |
| *Collaborative Research: Upper Delta Region Biodiversity Scholarship | K. Neubig S. Sipes F. Anderson J. Crowe F. Jimenez-Ruiz | Plant Biology Plant Biology Zoology Sociology Zoology | 08/15/16 - 07/31/21 | National Science Foundation | \$1,726,969 (\$145,279) |
| A Community of Problem Solvers: Teachers Leading Problem-Based Learning in Southern Illinois | K. Renzaglia H. Henson S. Sipes L. Bu | Plant Biology Curriculum and Instruction Plant Biology Curriculum and Instruction | 08/15/16 - 09/30/17 | National Science Foundation | \$416,765 (\$36,796) |
| *Southern Illinois Airport Graduate Assistantship | L. Stewart | Political Science | 08/16/16 - 05/15/17 | Southern Illinois Airport Authority | \$12,790 (\$0) |
| Graduate Assistantship | M. Cashel | Psychology | 08/16/16 - 05/31/17 | Brehm Preparatory School | \$22,904 (\$0) |
| Behavioral Autism Services: Tri-County Special Education | M. Dixon | Rehabilitation Institute | 08/16/16 - 06/30/17 | Tri-County Special Education District | \$15,918 (\$0) |
| Behavioral Consultant Group | M. Dixon | Rehabilitation Institute | 08/16/16 - 06/30/17 | NeuroRestorative | \$83,328 (\$0) |
| Behavioral Consultant Group - Carbondale Elementary School | M. Dixon | Rehabilitation Institute | 08/16/16 - 08/15/17 | Carbondale School District #95 | \$39,228 (\$0) |
| Rehabilitation Long-Term Training - Rehabilitation Counseling | T. Upton | Rehabilitation Institute | 10/01/16 - 09/30/17 | U.S. Department of Education | \$200,000 (\$3,520) |
| Trauma Based Behavioral Health Fellowship: An Interdisciplinary Graduate Training Program for Social Work Students in Southern Illinois | D. Mukherjee | Social Work | 09/30/16 - 09/29/17 | U.S. Department of Health and Human Services/HRSA | \$429,681 (\$31,828) |

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| OTHER AWARDS: | | | | | |
| *Cass County Transportation to Mammogram Mondays | A. Khan | Cancer Institute | 04/01/16 - 03/31/17 | Susan G. Komen Breast Cancer Foundation | \$2,000 (\$0) |
| Project 12-Ways FY17 | M. May | Counseling, Quantitative Methods & Special Ed | 07/01/16 - 06/30/17 | Illinois Department of Human Services (USDHHS) | \$593,502 (\$0) |
| Southern Region Prevention Initiative Children Ages Birth to 3 Years FY17 | L. Brown | Curriculum and Instruction | 07/01/16 - 06/30/17 | Murphysboro School District #186 (ISBE) | \$858,306 (\$0) |
| Jackson CEO Program for Jackson County, Illinois High Schools | K. Harfst | Economic and Regional Development | 08/01/16 - 05/31/17 | Jackson CEO, Inc. | \$32,232 (\$0) |
| Injury Prevention - Think First Program FY16 | N. Kyrouac | Family and Community Medicine | 09/01/16 - 09/30/16 | Illinois Department of Transportation | \$174,507 (\$16,780) |
| *Anna-Jonesboro School Based Health Center | S. Schonewolf | Family and Community Medicine | 07/01/16 - 06/30/17 | Anna Jonesboro Community High School District #81 | \$107,500 (\$0) |
| *Sate Loan Repayment Program | R. Sharpe-Whitaker | Family and Community Medicine | 07/05/16 - 03/31/17 | Illinois Department of Public Health | \$3,563 (\$0) |
| *Multi-Hazard Mitigation Plan - Clinton County, IL | J. Conder | Geology | 05/01/15 - 09/30/16 | Clinton County, IL (FEMA/IEMA) | \$24,760 (\$2,251) |
| Illinois CATCH Onto Health! Promoting Children's Health in the Illinois Delta Region | J. Franklin K. Sanders | Rural Health and Social Service Development Rural Health and Social Service Development | 08/01/16 - 07/31/17 | U.S. Department of Health and Human Services/HRSA | \$720,000 (\$74,069) |
| *Talent Pipeline Management | J. Kitchens | Workforce Education and Development | 05/01/16 - 06/30/17 | US Chamber of Commerce | \$225,000 (\$20,295) |

* indicates new award

Awards Processed During August 2016: (39) \$7,383,756

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|---------------|---------------------------|---------------|---------------|-----------------|--------------------------------|

SUMMARY OF AWARDS PROCESSED DURING THE FISCAL YEAR TO DATE

| | Processed During FY 2017 through August 2016 | | Processed During FY 2016 through August 2015 | |
|----------------|---|---------------------|---|---------------------|
| Indirect Costs | | \$1,102,473 | | \$1,390,396 |
| Research | (39) | \$2,888,886 | (42) | \$3,915,814 |
| Training | (20) | \$5,581,754 | (16) | \$1,279,545 |
| Other | (13) | \$2,772,598 | (16) | \$9,277,301 |
| Federal | (24) | \$7,615,635 | (21) | \$7,722,093 |
| State | (10) | \$877,410 | (8) | \$814,840 |
| Industry | (14) | \$885,235 | (18) | \$766,022 |
| Foundation | (7) | \$399,502 | (8) | \$209,229 |
| Other | (17) | \$1,465,456 | (19) | \$4,960,476 |
| TOTAL | (72) | \$11,243,238 | (74) | \$14,472,660 |

SUMMARY OF AWARDS PROCESSED DURING FISCAL YEAR 2017 TO DATE, BY COLLEGE OR MAJOR UNIT

| | RESEARCH | TRAINING | OTHER | TOTAL |
|---|--------------------|--------------------|--------------------|---------------------|
| College of Agricultural Sciences | \$351,203 | \$4,609 | \$0 | \$355,812 |
| College of Applied Sciences and Arts | \$0 | \$0 | \$18,660 | \$18,660 |
| Office of the Chancellor | \$0 | \$0 | \$32,232 | \$32,232 |
| College of Education and Human Services | \$0 | \$1,016,471 | \$1,676,808 | \$2,693,279 |
| College of Engineering | \$332,815 | \$0 | \$0 | \$332,815 |
| College of Liberal Arts | \$147,180 | \$1,223,356 | \$12,568 | \$1,383,104 |
| School of Medicine-Carbondale | \$224,806 | \$0 | \$720,000 | \$944,806 |
| School of Medicine-Springfield | \$1,064,381 | \$457,826 | \$287,570 | \$1,809,777 |
| College of Science | \$623,929 | \$2,639,079 | \$24,760 | \$3,287,768 |
| Office of Vice Chancellor for Research | \$144,557 | \$240,413 | \$0 | \$384,970 |
| TOTAL | \$2,888,886 | \$5,581,754 | \$2,772,598 | \$11,243,238 |

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 2017 TO DATE COMPARED TO PREVIOUS FISCAL YEARS, BY COLLEGE OR MAJOR UNIT

| | Processed During FY 2014 through August 2013 | Processed During FY 2015 through August 2014 | Processed During FY 2016 through August 2015 | Processed During FY 2017 through August 2016 |
|---|---|---|---|---|
| College of Agricultural Sciences | \$268,740 | \$454,846 | \$66,260 | \$355,812 |
| College of Applied Sciences and Arts | \$30,600 | \$17,822 | \$38,846 | \$18,660 |
| Office of the Chancellor | \$3,295,203 | \$3,609,471 | \$357,142 | \$32,232 |
| College of Education and Human Services | \$588,662 | \$6,983,458 | \$8,752,431 | \$2,693,279 |
| College of Engineering | \$249,661 | \$98,880 | \$352,443 | \$332,815 |
| School of Law | \$103,020 | \$15,000 | \$0 | \$0 |
| College of Liberal Arts | \$731,691 | \$300,132 | \$229,197 | \$1,383,104 |
| College of Mass Communication and Media Arts | \$0 | \$293,492 | \$9,901 | \$0 |
| School of Medicine-Carbondale | \$825,956 | \$467,744 | \$176,457 | \$944,806 |
| School of Medicine-Springfield | \$4,351,749 | \$1,379,145 | \$2,617,959 | \$1,809,777 |
| Office of the Provost and Vice Chancellor | \$5,000 | \$50,500 | \$0 | \$0 |
| College of Science | \$1,043,664 | \$1,775,590 | \$1,395,498 | \$3,287,768 |
| University College | \$266,658 | \$331,374 | \$281,365 | \$0 |
| Office of Vice Chancellor for Admin & Finance | \$0 | \$2,707 | \$14,990 | \$0 |
| Office of Vice Chancellor for Research | \$1,379,786 | \$1,325,066 | \$180,171 | \$384,970 |
| TOTAL | \$13,140,390 | \$17,105,226 | \$14,472,660 | \$11,243,222 |

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