

EXTERNALLY FUNDED GRANTS AND CONTRACTS PROCESSED DURING **JULY 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>                                                                                                                                                    |                           |                                                                                        |                     |                                                 |                               |
| *Archaeological Survey of Bank Stabilization Project, Clark County, Illinois                                                                                               | M. Wagner                 | Archaeological Investigations                                                          | 05/25/15 - 11/25/15 | Francis Associates                              | \$1,950<br>(\$410)            |
| *Archaeological Survey of Four Points Centre Tract                                                                                                                         | M. Wagner                 | Archaeological Investigations                                                          | 05/18/15 - 09/30/15 | Southern Illinois Strategy LLC                  | \$1,813<br>(\$374)            |
| International Collaboration in Chemistry: Collaborative Research: Development of Novel Catalysts and Approaches for Parahydrogen-Induced Enhancement of Magnetic Resonance | B. Goodson                | Chemistry                                                                              | 07/20/15 - 08/31/17 | National Science Foundation                     | \$169,427<br>(\$54,561)       |
| *The Leadership Development Cycle                                                                                                                                          | N. Bardhan                | Communication Studies                                                                  | 07/01/15 - 07/01/16 | Plank Center for Leadership in Public Relations | \$1,000<br>(\$0)              |
| *Inventory and Documentation of Bats in Wrangell-St. Elias & Glacier Bay                                                                                                   | J. Boyles                 | Cooperative Wildlife Research Laboratory                                               | 05/20/15 - 01/31/16 | University of Tennessee (USDI/NPS)              | \$26,000<br>(\$0)             |
| Power Systems Research Program                                                                                                                                             | C. Hatziadoniu            | Electrical and Computer Engineering                                                    | 07/17/15 - 04/30/19 | AmerenCIPS                                      | \$50,000<br>(\$4,545)         |
| 2015 Missouri River Pallid Sturgeon Recruitment and Broodstock Management of the Middle and Lower Missouri River                                                           | E. Heist                  | Fisheries and Illinois Aquaculture Center                                              | 04/10/15 - 04/30/16 | U.S. Department of the Army/ACOE                | \$65,800<br>(\$9,800)         |
| Establishing Chute Reference Conditions for Missouri River Habitat Restoration Projects                                                                                    | E. Heist                  | Fisheries and Illinois Aquaculture Center                                              | 07/01/15 - 06/30/16 | Missouri Department of Conservation             | \$8,000<br>(\$0)              |
| Regional Aquaculture Center - North Central Region                                                                                                                         | B. Small<br>P. Hitchens   | Fisheries and Illinois Aquaculture Center<br>Fisheries and Illinois Aquaculture Center | 07/24/15 - 08/31/16 | Iowa State University (USDA/NIFA)               | \$41,505<br>(\$0)             |

| Project Title                                                                                                                           | Principal Investigator(s) | Department(s)                               | Term of Award       | Granting Agency                                    | Grantor Award (Indirect Costs) |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------------------------------------|---------------------|----------------------------------------------------|--------------------------------|
| *Evaluation of Clam-Based Attractants in Aquafeeds                                                                                      | J. Trushenski             | Fisheries and Illinois Aquaculture Center   | 06/03/15 - 06/02/16 | Bumble Bee Seafoods                                | \$6,800<br>(\$2,190)           |
| *UNS: Collaborative Research: Numerical and Experimental Study of the Instability Mechanisms and Bubble Growth Due to Excessive Boiling | A. Esmaeeli               | Mechanical Engineering and Energy Processes | 09/15/15 - 08/31/18 | National Science Foundation                        | \$183,627<br>(\$59,134)        |
| *Characterization of a Novel Quorum Quenching Protein Produced by <i>S. aureus</i>                                                      | M. Olson                  | Medical Microbiology and Immunology         | 07/20/15 - 06/30/16 | U.S. Department of Health and Human Services/NIH   | \$162,000<br>(\$12,000)        |
| *Mechanisms of Chemotherapy-Driven Metastasis                                                                                           | S. Ran                    | Medical Microbiology and Immunology         | 05/01/15 - 04/30/16 | William E. McElroy Foundation                      | \$25,000<br>(\$0)              |
| *Liposomal Amikacin for Inhalation (LAI) in Adult Patients                                                                              | J. Koirala                | Medicine                                    | 06/24/15 - OPEN     | Insmmed, Incorporated                              | \$35,039<br>(\$7,118)          |
| *Caloric Restriction and Aspirin as Modifiers of NNN-Induced Lung Cancer                                                                | T. Liberati               | Medicine                                    | 05/01/15 - 04/30/16 | William E. McElroy Foundation                      | \$15,091<br>(\$0)              |
| *Invasive Species Data Compilation                                                                                                      | D. Gibson                 | Plant Biology                               | 06/01/15 - 06/30/16 | Shawnee Resource Conservation and Development Area | \$66,515<br>(\$6,047)          |
| Monsanto Cucumber Trials                                                                                                                | A. Walters                | Plant, Soil, and Agricultural Systems       | 08/01/15 - 07/31/16 | Monsanto Company                                   | \$4,500<br>(\$409)             |
| *VQI Long Term Device Surveillance TEVAR Dissection Project                                                                             | K. Hodgson                | Surgery                                     | 07/17/14 - OPEN     | M2S, Inc.                                          | \$38,573<br>(\$7,891)          |
| Ecological Integrity of Prairie Streams as Influenced by Patch-Burn Grazing and Riparian Protection                                     | M. Whiles                 | Zoology                                     | 07/01/15 - 06/30/16 | Missouri Department of Conservation                | \$17,500<br>(\$0)              |
| <b>TRAINING AWARDS:</b>                                                                                                                 |                           |                                             |                     |                                                    |                                |
| Foreign Language Teaching Experience                                                                                                    | D. Johnson                | Foreign Languages and Literatures           | 07/01/15 - 06/30/16 | Carbondale School District #95                     | \$48,278<br>(\$0)              |

| Project Title                                                                       | Principal Investigator(s)   | Department(s)                                                                              | Term of Award       | Granting Agency                                                                              | Grantor Award (Indirect Costs) |
|-------------------------------------------------------------------------------------|-----------------------------|--------------------------------------------------------------------------------------------|---------------------|----------------------------------------------------------------------------------------------|--------------------------------|
| Southern Illinois Bridges to the Baccalaureate Program                              | K. Renzaglia<br>A. Sharp    | Plant Biology<br>Anatomy                                                                   | 07/01/15 - 06/30/16 | U.S. Department of Health and Human Services/NIH                                             | \$209,102<br>(\$14,389)        |
| CBAT - Graduate Assistantships                                                      | M. Cashel                   | Psychology                                                                                 | 07/06/15 - 06/30/16 | Illinois Department of Human Services/Clyde L. Choate Mental Health and Developmental Center | \$39,284<br>(\$0)              |
| Graduate Assistantship                                                              | M. Cashel                   | Psychology                                                                                 | 08/16/15 - 05/31/16 | Brehm Preparatory School                                                                     | \$22,725<br>(\$0)              |
| *Graduate Assistantship at The Women's Center                                       | M. Cashel                   | Psychology                                                                                 | 08/16/15 - 08/15/16 | The Women's Center                                                                           | \$17,541<br>(\$0)              |
| CBAT - Choate-Behavior Analysis and Therapy Collaboration - Graduate Assistantships | C. Flowers                  | Rehabilitation Institute                                                                   | 07/06/15 - 06/30/16 | Illinois Department of Human Services/Clyde L. Choate Mental Health and Developmental Center | \$37,356<br>(\$0)              |
| <b>OTHER AWARDS:</b>                                                                |                             |                                                                                            |                     |                                                                                              |                                |
| Dental Sealant Program FY16                                                         | F. Miller<br>C. Lautar      | Allied Health<br>Allied Health                                                             | 07/01/15 - 06/30/16 | Illinois Department of Public Health (USDHHS)                                                | \$20,600<br>(\$0)              |
| PBS TeacherLine                                                                     | E. Spezia                   | Broadcasting Service                                                                       | 09/01/14 - 06/30/15 | Public Broadcasting Service (USED)                                                           | \$1<br>(\$0)                   |
| Public Service Chemistry Internship Program                                         | G. Kinsel                   | Chemistry                                                                                  | 08/24/15 - 05/13/16 | Illinois Department of Natural Resources                                                     | \$13,600<br>(\$0)              |
| *Jackson CEO Program for Jackson County, Illinois High Schools                      | K. Harfst                   | Economic and Regional Development                                                          | 07/01/15 - 05/31/16 | Jackson CEO, Inc.                                                                            | \$35,456<br>(\$0)              |
| Head Start Basic and T&TA FY2015                                                    | L. Flowers                  | Head Start                                                                                 | 07/01/15 - 06/30/20 | U.S. Department of Health and Human Services/OHDS/ACF                                        | \$3,226,971<br>(\$293,362)     |
| *CVI Tests                                                                          | J. Don<br>T. Policandriotes | Mechanical Engineering and Energy Processes<br>Mechanical Engineering and Energy Processes | 12/01/14 - 12/31/15 | Honeywell                                                                                    | \$118,816<br>(\$28,117)        |

| Project Title                                                                              | Principal Investigator(s) | Department(s)           | Term of Award       | Granting Agency                          | Grantor Award (Indirect Costs) |
|--------------------------------------------------------------------------------------------|---------------------------|-------------------------|---------------------|------------------------------------------|--------------------------------|
| Improving the Clinical Reasoning of Medical Students: Guaranteeing Competency of Graduates | D. Klamen                 | Medical Education       | 07/01/15 - 06/30/16 | Josiah Macy Jr. Foundation               | \$136,352<br>(\$12,396)        |
| *SalukiChoices                                                                             | D. Null                   | Student Health Services | 05/07/15 - 08/30/16 | National Collegiate Athletic Association | \$14,990<br>(\$0)              |
| Upward Bound FY2016                                                                        | A. Lester                 | Upward Bound            | 09/01/15 - 08/31/16 | U.S. Department of Education             | \$321,686<br>(\$0)             |

\* indicates new award

**Awards Processed During July 2015: (34) \$5,182,898**

SUMMARY OF AWARDS PROCESSED DURING THE FISCAL YEAR TO DATE

|                | Processed During FY 2016<br>through July 2015 |                    | Processed During FY 2015<br>through July 2014 |                    |
|----------------|-----------------------------------------------|--------------------|-----------------------------------------------|--------------------|
| Indirect Costs |                                               | <b>\$512,743</b>   |                                               | \$941,944          |
| Research       | (19)                                          | <b>\$920,140</b>   | (21)                                          | \$2,690,179        |
| Training       | (6)                                           | <b>\$374,286</b>   | (0)                                           | \$0                |
| Other          | (9)                                           | <b>\$3,888,472</b> | (17)                                          | \$4,807,996        |
| Federal        | (7)                                           | <b>\$4,338,613</b> | (12)                                          | \$4,497,094        |
| State          | (4)                                           | <b>\$110,840</b>   | (17)                                          | \$2,247,399        |
| Industry       | (8)                                           | <b>\$257,491</b>   | (4)                                           | \$680,425          |
| Foundation     | (5)                                           | <b>\$177,444</b>   | (3)                                           | \$30,707           |
| Other          | (10)                                          | <b>\$298,510</b>   | (2)                                           | \$42,550           |
| <b>TOTAL</b>   | <b>(34)</b>                                   | <b>\$5,182,898</b> | <b>(38)</b>                                   | <b>\$7,498,175</b> |

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

|                                               | RESEARCH         | TRAINING         | OTHER              | TOTAL              |
|-----------------------------------------------|------------------|------------------|--------------------|--------------------|
| College of Agricultural Sciences              | \$4,500          | \$0              | \$0                | \$4,500            |
| College of Applied Sciences and Arts          | \$0              | \$0              | \$20,600           | \$20,600           |
| Office of the Chancellor                      | \$0              | \$0              | \$357,142          | \$357,142          |
| College of Education and Human Services       | \$0              | \$37,356         | \$3,226,971        | \$3,264,327        |
| College of Engineering                        | \$233,627        | \$0              | \$118,816          | \$352,443          |
| College of Liberal Arts                       | \$4,763          | \$127,828        | \$0                | \$132,591          |
| College of Mass Communication and Media Arts  | \$0              | \$0              | \$1                | \$1                |
| School of Medicine-Carbondale                 | \$0              | \$104,551        | \$0                | \$104,551          |
| School of Medicine-Springfield                | \$275,703        | \$0              | \$136,352          | \$412,055          |
| College of Science                            | \$253,442        | \$104,551        | \$13,600           | \$371,593          |
| Office of Vice Chancellor for Admin & Finance | \$0              | \$0              | \$14,990           | \$14,990           |
| Office of Vice Chancellor for Research        | \$148,105        | \$0              | \$0                | \$148,105          |
| <b>TOTAL</b>                                  | <b>\$920,140</b> | <b>\$374,286</b> | <b>\$3,888,472</b> | <b>\$5,182,898</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<br>through July 2012 | Processed During FY 2014<br>through July 2013 | Processed During FY 2015<br>through July 2014 | Processed During FY 2016<br>through July 2015 |
|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|-----------------------------------------------|
| College of Agricultural Sciences              | \$62,897                                      | \$0                                           | \$111,785                                     | \$4,500                                       |
| College of Applied Sciences and Arts          | \$178,942                                     | \$30,600                                      | \$17,822                                      | \$20,600                                      |
| Office of the Chancellor                      | \$3,261,058                                   | \$3,295,203                                   | \$3,226,971                                   | \$357,142                                     |
| College of Education and Human Services       | \$1,037,520                                   | \$138,847                                     | \$1,042,596                                   | \$3,264,327                                   |
| College of Engineering                        | \$312,991                                     | \$50,000                                      | \$50,000                                      | \$352,443                                     |
| School of Law                                 | \$0                                           | \$3,020                                       | \$15,000                                      | \$0                                           |
| College of Liberal Arts                       | \$128,739                                     | \$72,673                                      | \$75,000                                      | \$132,591                                     |
| College of Mass Communication and Media Arts  | \$0                                           | \$0                                           | \$103,125                                     | \$1                                           |
| School of Medicine-Carbondale                 | \$555,613                                     | \$793,519                                     | \$349,309                                     | \$104,551                                     |
| School of Medicine-Springfield                | \$804,580                                     | \$2,368,472                                   | \$631,725                                     | \$412,055                                     |
| Office of the Provost and Vice Chancellor     | \$0                                           | \$0                                           | \$28,000                                      | \$0                                           |
| College of Science                            | \$765,956                                     | \$100,767                                     | \$508,735                                     | \$371,593                                     |
| University College                            | \$14,450                                      | \$0                                           | \$281,374                                     | \$0                                           |
| Office of Vice Chancellor for Admin & Finance | \$0                                           | \$0                                           | \$2,707                                       | \$14,990                                      |
| Office of Vice Chancellor for Research        | \$608,861                                     | \$989,022                                     | \$1,054,026                                   | \$148,105                                     |
| <b>TOTAL</b>                                  | <b>\$7,731,607</b>                            | <b>\$7,842,123</b>                            | <b>\$7,498,175</b>                            | <b>\$5,182,898</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.*