

EXTERNALLY FUNDED GRANTS AND CONTRACTS PROCESSED DURING **AUGUST 2018**
OFFICE OF SPONSORED PROJECTS ADMINISTRATION

Project Title	Principal Investigator(s)	Department(s)	Term of Award	Granting Agency	Grantor Award (Indirect Cost)
RESEARCH AWARDS:					
Rehabilitating the Black Mesa Archaeological Collections	T. Brennan	Archaeological Investigations	01/08/18 - 12/31/18	Peabody Energy	\$60,000 (\$10,000)
*Occupancy of Semi-Aquatic Mammals on LCFPD Lands: Implications for Restoration	C. Nielsen	Cooperative Wildlife Research Laboratory	06/26/18 - 12/31/20	Lake County Forest Preserve District	\$52,286 (\$4,000)
Power Systems Research Program	C. Hatziaodoniu	Electrical and Computer Engineering	07/24/18 - 04/30/19	AmerenCIPS	\$50,000 (\$4,545)
*Feasibility Investigation of Artificial Intelligence (AI)-Driven Real-Time Video Encoding	C. Lu	Electrical and Computer Engineering	01/01/18 - 12/31/19	Kneron, Inc.	\$100,000 (\$4,762)
*Planning IUCRC Southern Illinois University Carbondale: Center for Networked Embedded, Smart and Trusted Things (NESTT)	S. Tragoudas	Electrical and Computer Engineering	08/01/18 - 07/31/19	National Science Foundation	\$14,999 (\$4,830)
Geriatric Workforce Enhancement Program	S. Smaga E. Jurkowski	Family and Community Medicine Social Work	07/01/18 - 06/30/19	Rush University (USDHHS/HRSA)	\$157,635 (\$11,677)
Assessment of Asian Carp Population Density During Integrated Control Efforts	G. Whitledge A. Coulter	Fisheries and Illinois Aquaculture Center Fisheries and Illinois Aquaculture Center	08/10/18 - 07/31/19	U.S. Department of the Interior/USGS	\$45,149 (\$2,150)
*Unmanned Aircraft Systems Based Vegetation Cover and Disturbance Mapping and Dynamic Monitoring and Comparisons with Other Methods for Military Installations	G. Wang	Geography	08/02/18 - 08/01/19	U.S. Department of the Army/CERL	\$26,936 (\$4,012)
Development of a New Course for Engineering Students, ME/CE486: Introductions to Nondestructive Testing	T. Chu	Mechanical Engineering and Energy Processes	07/31/17 - 07/30/18	American Society for Nondestructive Testing	\$2,500 (\$0)
Advanced Assessment to Accelerate Diagnostic Skill Acquisition	A. Cianciolo	Medical Education	08/01/18 - 07/31/19	Parallel Consulting, LLC	\$151,978 (\$48,942)
*Phase 3 Study to Determine ATM AVI+MTZ vs MER+COL for Treatment for Treatment of Gram Negative Bacteria in Serious Infections	J. Koirala	Medicine	07/23/18 - OPEN	Pfizer, Inc.	\$106,000 (\$22,641)

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Biosynthesis of 3-Methylhopanoids by Purple Non-Sulfur Anoxygenic Phototrophs	M. Madigan	Microbiology	09/01/17 - 08/31/19	National Aeronautics and Space Administration	\$10,325 (\$3,325)
*Glutamate Neurotransmission in Alzheimer's Disease Progression	E. Hascup	Neurology	07/15/18 - 03/31/19	U.S. Department of Health and Human Services/NIH	\$615,085 (\$187,773)
*Identifying and Correcting Quantum Systems with Initial System-Environment Correlations	M. Byrd	Physics	08/15/18 - 07/31/21	National Science Foundation	\$60,000 (\$19,322)
The Essential Role of Presynaptic NMDA Receptors in the Fast Antidepressant Actions of Ketamine and its Metabolite	X. Cai D. Hales	Physiology Physiology	09/01/18 - 08/31/19	U.S. Department of Health and Human Services/NIH/NIMH	\$331,875 (\$106,875)
*RHOX Action in Sertoli Development and Function	J. MacLean	Physiology	08/17/18 - 05/31/19	U.S. Department of Health and Human Services/NIH/NICHD	\$244,850 (\$78,850)
Reconstructing the Past History of McCelland Wetland, Preliminary Studies for Appropriate Coring Procedures and Analyses	D. Vitt	Plant Biology	07/01/18 - 12/31/19	Alberta Innovages	\$253,188 (\$52,245)
Identification of Novel Sources of Resistance to Ear Rot and Aflatoxin Accumulation in Corn	A. Fakhoury	Plant, Soil, and Agricultural Systems	08/14/18 - 02/29/20	U.S. Department of Agriculture	\$10,000 (\$0)
*The Link Between Language Experience and Cognition: The Learning of Chinese Numerical Classifiers and its Impact on Cognitive Processing	U. Lakshmanan Y. Tio	Psychology Psychology	08/02/18 - 08/01/19	Language Learning	\$2,000 (\$0)
CBAT - Choate-Behavior Analysis and Therapy Collaboration - Graduate Assistantships	R. Redner	Rehabilitation Institute	07/01/18 - 06/30/19	Illinois Department of Human Services/Clyde L. Choate Mental Health and Developmental Center	\$36,476 (\$0)
TRAINING AWARDS:					
*Know Your Numbers, Know Your Options	J. Asirvathamn	Agribusiness Economics	04/01/17 - 09/30/18	Annie's Project Empowering Women in Agriculture (USDA/NIFA)	\$5,000 (\$454)
*MSFS Lab Improvements Technology Upgrades and Undergraduate Assistantships	A. Fleege	Allied Health	07/01/18 - 06/30/19	Mid America Transplant Foundation	\$96,347 (\$0)
Oral Health Workforce Grant	F. Miller	Allied Health	09/01/18 - 08/31/19	Illinois Department of Public Health (USDHHS/HRSA)	\$46,757 (\$4,251)
Illinois Breast and Cervical Cancer Program	L. Worrall	Continuing Medical Education	07/24/18 - 06/30/21	Illinois Department of Public Health	\$45,000 (\$0)

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Diversifying Higher Education Faculty in Illinois (DFI)	T. Bryson	Office of the Chancellor	07/01/18 - 06/30/19	Illinois Board of Higher Education	\$42,000 (\$0)
It Takes a Village: University-Community Partnership for Suicide Prevention	G. Meyer K. Sanders	Pediatrics Rural Health and Social Service Development	09/30/18 - 09/29/19	U.S. Department of Health and Human Services/SAMHSA	\$102,000 (\$24,137)
Growing Agricultural Science Teachers Grant (GAST)	S. Pense	Plant, Soil, and Agricultural Systems	07/01/18 - 06/30/19	Illinois State Board of Education	\$14,000 (\$0)
Incentive Grant for Agricultural Science Teacher Education	S. Pense	Plant, Soil, and Agricultural Systems	07/01/18 - 06/30/19	Illinois State Board of Education	\$5,855 (\$0)
Graduate Assistantships at Choate Mental Health and Developmental Center	M. Cashel	Psychology	07/01/18 - 06/30/19	Illinois Department of Human Services/Clyde L. Choate Mental Health and Developmental Center	\$19,174 (\$0)
Behavioral Consultant Group	M. Dixon	Rehabilitation Institute	07/01/18 - 06/30/19	NeuroRestorative	\$72,672 (\$0)
Rehabilitation Long-Term Training - Rehabilitation Counseling	T. Upton	Rehabilitation Institute	10/01/18 - 09/30/19	U.S. Department of Education	\$200,000 (\$3,042)
OTHER AWARDS:					
*Imp;acts of "Oral Probiotic Administration on Nasal, Oral, and Fecal Microbiota in Detection Dogs	E. Perry	Animal Science, Food and Nutrition	07/25/18 - 07/24/19	Nestle Purina	\$30,112 (\$7,126)
*IDOC Program Development	D. Kroner	Criminology and Criminal Justice	06/25/18 - 09/30/19	Illinois Department of Corrections	\$188,000 (\$31,333)
Illinois Manufacturing Excellence Center FY19	K. Harfst L. Lindberg L. Harbert	Economic and Regional Development Economic and Regional Development Economic and Regional Development	10/01/18 - 09/30/19	Bradley University/Illinois Manufacturing Extension Center (NIST/USDOE)	\$1,125,790 (\$82,426)
*We Care: Co-Responder Program	T. Smith	Family and Community Medicine	03/01/18 - 02/28/19	City of Springfield, Illinois	\$3,422 (\$810)
*Elemental Analysis of Fish Bony Structures for Kansas Department of Wildlife, Parks & Tourism	G. Whitledge	Fisheries and Illinois Aquaculture Center	08/01/18 - 12/31/21	Kansas Department of Wildlife, Parks & Tourism	\$5,000 (\$1,183)

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*Rural Health Summit	S. Vohra	Office of Population Science and Policy	07/15/18 - 09/30/18	Illinois Department of Public Health	\$3,000 (\$0)
Project 12-Ways Enhancement FY 2018	C. Flowers	Rehabilitation Institute	07/01/17 - 06/30/18	Illinois Department of Children and Family Services (USDHHS)	\$47,075 (\$0)
*Southern Illinois Collaborative for Innovative Care Coordination	D. Presley K. Sanders	Rural Health and Social Service Development Rural Health and Social Service Development	07/01/17 - 05/31/18	SSM Health Good Samaritan Hospital-Mt. Vernon	\$33,169 (\$7,849)
Student Support Services Program	R. Greer	Student Support Services	09/01/18 - 08/31/19	U.S. Department of Education	\$309,676 (\$22,939)
Upward Bound FY2019	A. Lester	Upward Bound	09/01/18 - 08/31/19	U.S. Department of Education	\$420,987 (\$0)

* indicates new award

Awards Processed During August 2018: (41) \$5,146,318

SUMMARY OF AWARDS PROCESSED DURING THE FISCAL YEAR TO DATE

	Processed During FY 2019 through August 2018		Processed During FY 2018 through August 2017	
Indirect Costs		\$1,420,167		\$1,163,209
Research	(34)	\$4,392,470	(37)	\$3,262,179
Training	(16)	\$1,643,286	(16)	\$1,032,340
Other	(24)	\$6,354,801	(21)	\$11,047,648
Federal	(27)	\$8,613,719	(20)	\$4,150,195
State	(21)	\$1,140,273	(17)	\$3,218,427
Industry	(7)	\$423,784	(5)	\$296,000
Foundation	(4)	\$217,592	(6)	\$166,567
Other	(15)	\$1,995,189	(26)	\$7,510,978
TOTAL	(74)	\$12,390,557	(74)	\$15,342,167