

AWARDS PROCESSED

Externally funded grants and contracts processed during June 2009

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
*Spatial Cognition in Gibbons at Khao Yai, Thailand	U. Reichard	Anthropology	L.S.B. Leakey Foundation	\$15,000
Transcriptional Activation by Reorganizing Chromatin	B. Bartholomew	Biochemistry and Molecular Biology	USDHHS/NIH/NIGMS	\$354,025
Coating Effects on MR Relaxivities: Dendron-Iron Oxide Nanoparticle Models	B. Goodson Y. Gao	Chemistry Chemistry	USDHHS/NIH	\$16,694
*Collaborative RAPID: Investigating SOA Increases Due to Beetle Infestation Across the Western United States	K. Huff Hartz	Chemistry	NSF	\$41,291
CAREER: Programmable Active Lithography Using Nanotube Arrays	P. Kohli	Chemistry	NSF	\$213,000
Investigating Fluorescence Resonance Energy Transfer in Conjugated Liposomes	P. Kohli	Chemistry	USDHHS/NIH	\$10,575
Investigations in Enantioselective Interactions	M. McCarroll	Chemistry	NSF	\$20,000
Investigations in Enantioselective Interactions	M. McCarroll	Chemistry	NSF	\$100,000
ACS Project SEED at SIU	G. Perez-Alvarado B. Lee K. Huff Hartz	Chemistry Chemistry Chemistry	American Chemical Society	\$7,000
Shear Wave Velocity Measurements and Lateral Load-Deflection Response of Deep Foundations	S. Kumar J. Hsiao	Civil and Environmental Engineering Civil and Environmental Engineering	Holcomb Foundation Engineering Co.	\$10,500
C-FAR Research Program	T. Winters	College of Agricultural Sciences	IDA (USDA)	\$201,141
The Impact of Predator Reduction on Reproductive Investment and Success of Ground Nesting Ducks	M. Eichholz	Cooperative Wildlife	Delta Waterfowl and Wetland Foundation	\$14,886
Bobwhite Quail Life FY 2010	E. Hellgren	Cooperative Wildlife	IDNR	\$7,500

2 ◆ RESEARCH MATTERS

Title	Investigator(s)	Department(s)	Agency	Award
Avian Monitoring: Trends and Habitat Association - Shawnee National Forest	E. Hellgren J. Nawrot	Cooperative Wildlife Cooperative Wildlife	USDA/USFS/SNF	\$25,000
*Student Perceptions of Campus Safety Initiatives: Assessing Views of Critical Incident Prevention and Response	G. Burruss J. Schafer M. Giblin	Crime Study Center Crime Study Center Crime Study Center	Illinois Criminal Justice Information Authority (USDJ)	\$69,383
*Tracking Learner Actions in Multi-User Virtual Environments (MUVE) for Performance Assessment	C. Loh	Curriculum and Instruction	US Army	\$71,605
Monitoring Population Status and Movement of Native and Non-Native Fishes in the Upper Mississippi River System	J. Garvey E. Heist S. Tripp	Fisheries Center Fisheries Center Fisheries Center	US Army/ACOE	\$396,649
Sustainable Fertilizer Use and the Protection of Water Quality Using Riparian Buffers in Southern Illinois	J. Schoonover K. Williard J. Hernandez	Forestry Forestry Plant, Soil, & Ag Systems	IDA/Fertilizer Research and Education Council	\$30,000
*Acquisition of an Isotope Ratio Mass Spectrometer for Geochemical, Biological, and Petrologic Research, Education, and Training at SIUC	L. Lefticariu G. Kinsel G. Whitledge	Geology Chemistry Fisheries Center	NSF/MRI	\$407,335
*Collaboration on Fractional Derivatives and Their Applications	O. Agrawal	Mechanical Engineering	Institute of International Education	\$25,000
*Glycine Receptor in Rat Tinnitus Model	D. Caspary	Pharmacology	USDHHS/NIH	\$7,121
*CAREER: Simulation Studies of the Time Evolution of Polymer Morphology at Interfaces	M. Tsigie	Physics	NSF	\$432,000
Opioid-Dopamine Interactions During Lactation	L. Arbogast	Physiology	USDHHS/NIH	\$248,151
Regulation of Insulins by the RHOX5 Homeobox Gene Supports Spermatogenesis	J. MacLean	Physiology	USDHHS/NIH	\$72,250
*Ginseng and Its Constituents in Complementary Breast Cancer Therapy	L. Murphy	Physiology	USDHHS/NIH/NCCAM	\$181,875
Regulation of Pro-Convulsive Circuitry by Kainate Receptors	P. Patrylo	Physiology	USDHHS/NIH	\$158,047
*The Role of Seedbanks in Coastal Vegetation Response to Incursions of the Sea	L. Battaglia H. Kalk	Plant Biology Plant Biology	USDOC/NOAA	\$20,000

Title	Investigator(s)	Department(s)	Agency	Award
Collaborative Research, LTREB: Long-Term Studies of Flowering, Fruiting and Seeding Recruitment in Neotropical Forests: Global Change, Climate Variability and Species Coexistence	N. Garwood	Plant Biology	NSF	\$69,202
Program in Sustainable Development in Peatland Regions	D. Vitt	Plant Biology	Villanova University	\$48,695
Viticulture Program at SIUC, Cultivar Research	B. Taylor	Plant, Soil, & Ag Systems	IDA	\$40,900
Viticulture Program at SIUC, Technical Assistance	B. Taylor	Plant, Soil, & Ag Systems	IDA	\$32,000
Developing D-Methionine as an Aminoglycoside Otoprotectant	K. Campbell	Surgery	USDHHS/NIH/NIDCD	\$432,575
*Description and Geography of Restricted Range Kentucky Fish Endemics	B. Burr	Zoology	Kentucky Dept. of Fish and Wildlife Resources (USDI/USFWS)	\$25,357

Training Awards

Public Service Chemistry Internship Program	G. Kinsel	Chemistry	IDNR	\$7,073
Foreign Language Teaching Experience	A. Winston-Allen	Foreign Languages and Literatures	Carbondale School District #95	\$51,496
Recreational Therapy Graduate Assistantship for Franklin County Juvenile Detention Center	M. Malkin	Health Education and Recreation	Franklin Co. Juvenile Detention Center	\$6,828
Recreational Therapy Graduate Assistantship for Franklin County Juvenile Detention Center	M. Malkin	Health Education and Recreation	Franklin Co. Juvenile Detention Center	\$19,042
Education and Training of PHLS for Responsiveness to Bioterrorism Agents	D. Carpenter	Medical Microbiology and Immunology	IDPH	\$122,068
*Illinois EPA Pollution Prevention Internship Program	J. Harrell	Plant and Service Operations	IEPA	\$6,782
*Behavioral Autism Services - Franklin-Jefferson Special Education District	R. Rehfeldt	Rehabilitation Institute	Franklin and Jefferson Counties Special Education District	\$26,032
*Council on Legal Education Opportunity 2009 Summer Regional Institute	P. Alexander	School of Law	Council on Legal Education Opportunity	\$143,230
Child Welfare Foster and Adoptive Parent Training	M. Miah	Social Work	IDCFS	\$462,500

Title	Investigator(s)	Department(s)	Agency	Award
Other Awards				
Head Start Basic and T&TA FY 2010	C. Reed S. Bryson	Affirmative Action Affirmative Action	USDHHS/OHDS/ACF	\$3,013,707
*Touch of Trail of Tears	V. Devenport	Broadcasting Service	WETA	\$7,500
WSIU and WUSI TV State Grant FY 2009	D. Kerstein	Broadcasting Service	IAC (CPB)	\$114,764
PBS TeacherLine	E. Spezia V. Devenport	Broadcasting Service Broadcasting Service	Public Broadcasting Service (USED)	\$62
*Ecological Assessment of District Lands	C. Nielsen	Cooperative Wildlife	Lake County Forest Preserve District	\$24,973
<i>Crab Orchard Review</i> - Literary Award	J. Tribble A. Joseph	English English	IAC (NEA)	\$1,000
*Entrepreneurial Technical Assistance (SI Entrepreneurship Center - DuQuoin)	R. Russell E. Carter	Entrepreneurship and Business Development Entrepreneurship and Business Development	City of DuQuoin, IL (IDCEO)	\$250,000
*Entrepreneurship Centers, Carbondale and Centralia	R. Russell E. Carter	Entrepreneurship and Business Development Entrepreneurship and Business Development	IDCEO	\$259,614
National Headquarters for the American Association of Teachers of French	J. Abrate	Foreign Languages and Literatures	American Association of Teachers of French	\$574,139
*Bowties and Horn-Rimmed Glasses: Senator Paul Simon and His Legacy	P. Hackbart-Dean	Library Affairs	IHC (NEH)	\$850
*Development of Ruthenium Cap Layers for Mo/Si X-Ray Reflectors	S. Aouadi	Physics	Sematech	\$9,500
SIMA Project	J. Hamman	Political Science	Southern Illinois Mayors Association	\$8,285
Civil Legal Services to the Poor FY 2009	M. Rudasill	School of Law	Lawyers Trust Fund	\$20,000
*Critical Mass - Achieving Aesthetic Judgment	R. DeHoet	University Museum	Carbondale Community Arts/Southern Arts Fund (IAC)	\$1,000
Upward Bound FY 2009	D. Wilson	Upward Bound	USED	\$383,897
State Leadership - Career and Technical Education Curriculum Project	R. Woodhull	Workforce Education	ISBE (USED)	\$156,000

Title	Investigator(s)	Department(s)	Agency	Award
State Leadership - Career and Technical Education Curriculum, Instruction, and Leadership - Federal	R. Woodhull	Workforce Education	ISBE (USED)	\$475,000
State Leadership - Illinois Student Information System	R. Woodhull	Workforce Education	ISBE (USED)	\$260,000

*indicates new award

Awards Processed During June 2009 (60) \$10,210,099

Summary of Fiscal Year 2009 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2009 Awards as of June 2009		Fiscal Year 2008 Awards as of June 2008	
Research	(291)	\$29,130,688	(301)	\$29,721,023
Training	(61)	\$6,167,330	(41)	\$3,749,515
Other	(131)	\$26,788,845	(140)	\$29,451,114
Federal	(117)	\$22,978,699	(123)	\$20,606,074
State	(164)	\$24,123,570	(170)	\$28,216,043
Industry	(48)	\$2,187,882	(49)	\$2,938,529
Foundation	(27)	\$726,986	(39)	\$1,331,078
Other	(127)	\$12,069,726	(101)	\$9,829,928
TOTAL	(483)	\$62,086,863	(482)	\$62,921,652

Fiscal Year 2009 Awards as of June 2009

awards distributed among investigators

	Research	Training	Other	Total
College of Agricultural Sciences	\$3,971,269	\$3,088	\$568,825	\$4,543,182
College of Applied Sciences and Arts	\$11,010	\$0	\$290,333	\$301,343
College of Business and Administration	\$0	\$49,515	\$0	\$49,515
Office of the Chancellor	\$0	\$0	\$3,740,776	\$3,740,776
College of Education and Human Services	\$238,753	\$3,616,640	\$16,188,617	\$20,044,010
College of Engineering	\$2,079,809	\$0	\$47,442	\$2,127,251
Illinois Clean Coal Institute	\$2,702,707	\$0	\$0	\$2,702,707
School of Law	\$0	\$143,230	\$165,518	\$308,748
College of Liberal Arts	\$927,134	\$376,770	\$290,028	\$1,593,932
Library Affairs	\$0	\$0	\$850	\$850
College of Mass Communication and Media Arts	\$0	\$5,000	\$1,403,338	\$1,408,338
School of Medicine-Carbondale	\$2,696,440	\$335,070	\$127,940	\$3,159,450
School of Medicine-Springfield	\$8,178,679	\$657,650	\$237,216	\$9,073,545
Plant and Service Operations	\$0	\$6,782	\$197,272	\$204,054
Office of the President	\$0	\$13,950	\$3,177,430	\$3,191,380
Office of the Provost and Vice Chancellor	\$0	\$0	\$10,000	\$10,000
College of Science	\$5,874,573	\$826,625	\$18,771	\$6,719,969
Shryock Auditorium	\$0	\$0	\$26,900	\$26,900
Student Affairs	\$0	\$42,944	\$272,615	\$315,559
Office of Vice Chancellor for Research	\$2,450,315	\$90,065	\$24,973	\$2,565,353