

AWARDS PROCESSED

Externally funded grants and contracts processed during June 2008

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
The Archaeological Precursors of the Mixtec Civilization	A. Balkansky	Anthropology	NSF	\$7,950
RF Plasma Polymer Modified MALDI Targets: Advanced Platforms for Biomarker Screening/Comparative Proteomics Applications	G. Kinsel	Chemistry	NSF	\$230,000
Investigating Fluorescence Resonance Energy Transfer in Conjugated Liposomes	P. Kohli	Chemistry	USDHHS/NIH	\$25,763
Investigations in Enantioselective Interactions	M. McCarroll	Chemistry	NSF/REU	\$5,750
Investigations in Enantioselective Interactions	M. McCarroll	Chemistry	NSF	\$100,000
*ACS Project SEED at SIU	G. Perez-Alvarado	Chemistry	American Cancer Society	\$2,200
Avian Monitoring: Trends and Habitat Association - Shawnee National Forest	E. Hellgren J. Nawrot	Cooperative Wildlife Cooperative Wildlife	USDA/USFS/Shawnee National Forest	\$14,000
CSR-EHS: A Dynamic Compilation Framework for Energy Reduction on Mobile Devices	W. Zhang	Electrical and Computer Engineering	NSF/REU	\$12,000
CSR-EHS: A VLIW Architecture and Compiler Framework for Time Predictability	W. Zhang	Electrical and Computer Engineering	NSF	\$12,000
Quantifying Erosion Associated with Gas Well Development in the Fernow Experimental Forest, West Virginia	K. Williard J. Schoonover	Forestry Forestry	USDA/USFS	\$25,000
*Application of Pulsewave Disintegration to Comminution, Drying, and Cleaning of Illinois Coal	K. Anderson	Geology	Pulsewave, LLC (ICCI)	\$54,717
*Regulatory Role of the NF-kB Pathway in Lymphangiogenesis and Breast Cancer Metastasis	M. Flister	Medical Microbiology and Immunology	USDOD	\$76,136
Characteristics of Multidrug Resistance	Y. Mo	Medical Microbiology and Immunology	U of I Chicago (USDHHS/NIH)	\$18,424

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Molecular Regulation and Role of Placenta Growth Factor	D. Torry	Medical Microbiology and Immunology	USDHHS/NIH/NICHD	\$211,755
9th International Symposium-Neurobiology/Neuroendocrinology/Aging	A. Bartke	Medicine	Ellison Medical Foundation	\$6,300
*Anaerobic, Bio-Oxidation of Uraninite (U(IV))	L. Achenbach	Microbiology	University of California, Berkeley (USDOE)	\$95,000
Laboratory Coal Core Flood Experiments	S. Harpalani	Mining and Mineral Resources Engineering	IDCEO/ICCI	\$50,000
*"Let's Make Iowa the Singin'est State in the Nation": Fullerton's Iowa Choir Plan, County Choruses and the State Fair Choruses of the 1930s	P. Stover	Music	State Historical Society of Iowa	\$1,000
Differential Effects of TARPs on AMPA Receptor Subunits	A. Arai	Pharmacology	USDHHS/NIH	\$158,047
*Nerve Growth Factor and Transient Receptor Potential (TRP) Channel in Diabetic Peripheral Neuropathy	V. Ramkumar	Pharmacology	USDHHS/NIH	\$216,750
Supplemental: Understanding Compound Phase Transitions in New Heusler Alloy Colossal Magnetocaloric Materials	N. Ali S. Stadler	Physics Physics	USDOE	\$185,818
Opioid-Dopamine Interactions During Lactation	L. Arbogast	Physiology	USDHHS/NIH	\$248,151
Executive Function Development in Preschool Children	J. Huggenvik	Physiology	U of Nebraska - Lincoln (USDHHS/NIH)	\$2,958
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	\$38,479
Reducing Soybean Foliar Diseases Through Fertilizer Management	J. Hernandez J. Bond	Plant, Soil, & Ag Systems Plant, Soil, & Ag Systems	IDA/Fertilizer Research and Education Council	\$49,986
*2008 Optimum GAT Field Research	B. Young	Plant, Soil, & Ag Systems	Pioneer Hi-Bred International	\$18,000
*NexGen Complete Knee Solution Device	D. Allan	Surgery	Zimmer	\$30,000
*Versys Hip System	D. Allan	Surgery	Zimmer	\$10,000
*Integra Application on Denuded Tendon in Animal Model	R. Bueno	Surgery	Memorial Medical Center Foundation	\$10,833

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Developing D-Methionine as an Aminoglycoside Otoprotectant	K. Campbell	Surgery	USDHHS/NIH	\$427,932
*Antigen-Specific Cancer Immunotherapeutic as Adjuvant Therapy in Patients with Non-Small Cell Lung Cancer	S. Hazelrigg	Surgery	Glaxo Wellcome	\$14,889
*GEM OS Bone Graft Device	O. Idusuyi	Surgery	BioMimetic Therapeutics	\$59,285
*Demonstrating the Benefits of In-Stream Restoration to Riparian Wildlife in the Cache River Basin	M. Whiles C. Nielsen	Zoology Cooperative Wildlife	IDNR (USDI/USFWS)	\$111,786

Training Awards

Project RAMP'D: Rural Access to Mathematics Through Professional Development	J. Bordieri	College of Education and Human Services	IBHE	\$311,393
	S. Ashby	College of Education and Human Services		
Heartland Partnerships: Inquiry-Based Ecological and Environmental Education at SIUC	K. Renzaglia	Plant Biology	NSF	\$422,292
	S. Sipes	Plant Biology		
	D. Gibson	Plant Biology		
	H. Henson	Geology		
	F. Mumba	Curriculum and Instruction		
*Man-Tra-Con Graduate Assistantship	J. Hamman	Political Science	Man-Tra-Con Corp.	\$3,146
*SI Airport Graduate Assistantships	J. Hamman	Political Science	Southern Illinois Airport Authority	\$38,822
Traineeship Support	S. Dollinger	Psychology	Franklin-Williamson Human Services/Family Counseling and Mental Health Center	\$28,602
Illinois Cooperative Work Study Program FY 2008	C. Jenkins	University Career Services	IBHE/HECA	\$57,838

Other Awards

Head Start Basic	C. Reed	Affirmative Action	USDHHS/OHDS/ACF	\$1,576,806
	S. Bryson	Affirmative Action		
Head Start T&TA	C. Reed	Affirmative Action	USDHHS/OHDS/ACF	\$35,006
	S. Bryson	Affirmative Action		
National Airport Safety Data Collection Program - Maine and West Virginia	D. NewMyer	Aviation Management and Flight	GCR & Associates, Inc. (USDOT/FAA)	\$11,550
IEPA Pollution Prevention Internship Program	A. Ruffing	Center for Environmental Health and Safety	IEPA	\$6,782

Title	Investigator(s)	Department(s)	Agency	Award
<i>Crab Orchard Review</i> - Literary Award	J. Tribble A. Joseph	English English	IAC (NEA)	\$1,000
DFI FY 2008 Administration Grant	J. Meuth J. Koropchak	Graduate School Vice Chancellor for Research	IBHE	\$46,000
*HIV Coexisting Disabilities Training Project	S. Koch	Rehabilitation Institute	Monroe - Randolph ROE #45	\$24,581
Integrated Assessment Program	M. Miah	Social Work	IDCFS	\$2,307,315

**indicates new award*

Awards Processed During June 2008 (47) \$7,402,042

Summary of Fiscal Year 2008 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2008 Awards as of June 2008		Fiscal Year 2007 Awards as of June 2007	
Research	(300)	\$29,876,938	(329)	\$27,524,802
Training	(42)	\$3,751,415	(57)	\$4,085,579
Other	(140)	\$29,456,614	(168)	\$28,023,086
Federal	(123)	\$20,606,074	(102)	\$16,460,671
State	(170)	\$28,395,371	(187)	\$25,872,264
Industry	(48)	\$2,936,329	(57)	\$3,782,913
Foundation	(40)	\$1,317,365	(38)	\$1,558,681
Other	(101)	\$9,829,828	(170)	\$11,958,938
TOTAL	(482)	\$63,084,967	(554)	\$59,633,466

Fiscal Year 2008 Awards as of June 2008

awards distributed among investigators

	Research	Training	Other	Total
College of Agricultural Sciences	\$2,735,434	\$2,500	\$7,500	\$2,745,434
College of Applied Sciences and Arts	\$13,000	\$0	\$377,376	\$390,376
Office of the Chancellor	\$0	\$0	\$3,710,207	\$3,710,207
College of Education and Human Services	\$398,951	\$1,784,995	\$15,818,231	\$18,002,177
College of Engineering	\$3,147,599	\$127,360	\$38,936	\$3,313,895
Illinois Clean Coal Institute	\$2,187,270	\$0	\$0	\$2,187,270
School of Law	\$42,000	\$0	\$476,841	\$518,841
College of Liberal Arts	\$1,833,239	\$399,621	\$221,476	\$2,454,336
Library Affairs	\$0	\$0	\$4,000	\$4,000
College of Mass Communication and Media Arts	\$72,663	\$0	\$1,579,688	\$1,652,351
School of Medicine-Carbondale	\$2,276,077	\$106,844	\$133,000	\$2,515,921
School of Medicine-Springfield	\$8,504,256	\$509,678	\$2,307,872	\$11,321,806
Plant and Service Operations	\$0	\$0	\$214,055	\$214,055
Office of the President	\$0	\$0	\$2,761,524	\$2,761,524
Office of the Provost and Vice Chancellor	\$0	\$0	\$50,000	\$50,000
College of Science	\$6,076,474	\$712,209	\$349,201	\$7,137,884
Security Office	\$0	\$0	\$19,603	\$19,603
Shryock Auditorium	\$0	\$0	\$27,755	\$27,755
Student Affairs	\$0	\$57,838	\$235,555	\$293,393
Student Center	\$0	\$0	\$5,000	\$5,000
University Press	\$6,300	\$0	\$0	\$6,300
Office of Vice Chancellor for Research	\$2,583,674	\$50,370	\$1,118,794	\$3,752,838