

AWARDS PROCESSED

Externally funded grants and contracts processed during September 2008

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
*Higher Order Chromatin Structure	B. Bartholomew	Biochemistry and Molecular Biology	NSF	\$165,000
First Principles Based Simulation of Hydrogen Interactions in Complex Hydrides	Q. Ge	Chemistry	USDOE	\$163,736
*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 Company	\$14,995
Cholinesterase Activity Levels in Pacific Treefrog Tadpoles from Yosemite National Park	D. Sparling	Cooperative Wildlife	Upper and Middle Mississippi Valley Coop. Ecosystems Studies Unit (USDI/NPS)	\$5,220
*Determining Limits of Pesticide Tolerance in Native Frogs Exposed to Environmentally Realistic Concentrations and Time Frames	D. Sparling R. Halbrook	Cooperative Wildlife Cooperative Wildlife	USDI/USGS	\$30,000
*Efficient Statistical WCET Analysis of Java Applications by Exploiting Program-Flow Information	W. Zhang	Electrical and Computer Engineering	International Business Machines Corporation	\$17,000
Enhanced OB Curriculum	S. Smaga	Family and Community Medicine	IDPH	\$79,809
Management (Biological, Physical, Chemical) of Snails for Grub Control	G. Whitledge	Fisheries Center	Michigan State U/North Central Regional Aquaculture Center (USDA)	\$61,660
*Surveillance of Wild and Feral Fish Species in Illinois Susceptible to Viral Hemorrhagic Septicemia	G. Whitledge J. Trushenski	Fisheries Center Fisheries Center	USDA	\$175,298
*VHS Surveillance of Fishes in Chicago Area Waterways	G. Whitledge J. Trushenski	Fisheries Center Fisheries Center	USDA	\$35,000
*Ecological Analysis of the Tropical Forest Soundscape: Technical Assistance for Protected Area Management in Panama	A. Carver J. Needham	Forestry Radio-Television	USDA/USFS	\$5,500

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*Response of Flowering Dogwood (<i>Cornus florida</i>) to Dogwood Anthracnose and Fire in Southern Illinois	E. Holzmüller D. Gibson	Forestry Plant Biology	IDNR	\$2,000
*McIntire-Stennis: Administration FY 2008	J. Phelps	Forestry	USDA/CSREES	\$173,249
Institutional Mechanisms of Recreation Partnerships	E. Seekamp	Forestry	USDA/USFS	\$23,875
Evaluation and Management of Surface Hydrology, Erosion, and Sedimentation Associated with Tracked and Wheeled Vehicle Training at Ft. Knox, KY	K. Williard J. Schoonover J. Groninger J. Zaczek C. Ruffner	Forestry Forestry Forestry Forestry Forestry	ICI Services, LLC (USDOD)	\$61,737
*Spatial Assessment of Cumulative Vehicle Use Impacts and Identification of Superfluous Roads for Sustainable Military Land Carrying Capacity and Environment	G. Wang	Geography	U.S. Army/CERL	\$53,396
*Sleep Fragmentation, the Metabolic Syndrome, and Diabetes in Mice	N. Johnston	Laboratory Animal Medicine	Sleep Research Society Foundation	\$20,000
*SGER: Fundamental Studies on Manipulation of Red and White Blood Cells by Electric Field	A. Esmaeeli	Mechanical Engineering	NSF	\$49,685
*Combustion Evaluation of Waste Alcohols and Distillation Column Bottoms	S. Rajan E. Nsofor	Mechanical Engineering Mechanical Engineering	ISP Chemicals	\$29,704
*Role of Aldose Reductase-Like-1 in Colon Tumorigenesis	D. Cao	Medical Microbiology and Immunology	USDHHS/NIH	\$163,688
*Definition of Structural Organization and Enzymology of EBV Protein Kinase	E. Gershburg	Medical Microbiology and Immunology	USDHHS/NIH	\$144,500
*A Genetic Selection System for microRNA Targets	Y. Mo	Medical Microbiology and Immunology	U.S. Army	\$108,375
*15-Lipoxygenase-2 as a Tumor Suppressor	D. Nie	Medical Microbiology and Immunology	USDHHS/NIH	\$221,524
*Pregnane X Receptor as a Regulator of Multi-Drug Resistance in Prostate Cancer	D. Nie	Medical Microbiology and Immunology	USDHHS/NIH	\$218,250
*Inotuzumab Ozogamicin Administered with Rituximab for Non-Hodgkin's Lymphoma	J. Godwin	Medicine	Wyeth Pharmaceuticals	\$592,843

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*Collaborative Research: Microbially Mediated Anaerobic Carbon Cycling in Limnologically Contrasting Perennially Ice-Covered Antarctic Lakes	M. Madigan	Microbiology	NSF	\$255,522
*Stem Cell Targeting of Ovarian Cancer: Novel Approach to Delivery of Cell-Based Therapeutics	M. McAsey	Obstetrics and Gynecology	William E. McElroy Foundation	\$19,250
*Mycoplasma Testing in Agar & Broth Media	D. Crouse	Pediatrics	Mediatech, Inc.	\$11,811
VCVA Assistance Program Grant	D. St. Germain	Pediatrics	IAG	\$288,400
IMDN/Child and Family Connections - Effingham	J. Joost	Pediatrics	IDHS	\$26,290
IMDN/Child and Family Connections - Quincy	J. Joost	Pediatrics	IDHS	\$10,860
IMDN/Child and Family Connections - Springfield	J. Joost	Pediatrics	IDHS	\$15,000
*STIR: Computational and Experimental Investigation to Understand the Adaptation Mechanisms of "Chameleon" Coatings	S. Aouadi Q. Ge	Physics Chemistry	U.S. Army	\$50,000
*Field Trial Studies	J. Bond	Plant, Soil, & Ag Systems	Monsanto Company	\$36,000
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
*Cormet Resurfacing Hip System Study F/U with Metal Ion & Renal Function	D. Allan	Surgery	Corin USA	\$9,680
*Daptomycin in Treatment of Osteomyelitis with Infected Prosthetic Hip or Knee Joint	D. Allan	Surgery	Cubmist Pharmaceuticals	\$67,500
*Micronutrient Intervention to Reduce Noise-Induced Hearing Loss	K. Campbell	Surgery	University of Michigan (USDHHS/NIH)	\$56,274
*Tolerability of CP-533,536 for Closed Fracture of the Tibial Shaft	M. McAndrew	Surgery	Pfizer, Inc.	\$35,016
*Evaluation of Vascutek Rapidax in Comparison to Vascutek Masiflo Wrap for Haemodialysis Applications	R. McLafferty	Surgery	Vascutek, Inc.	\$140,750

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*Characterizing New Estrogen Receptor, GPR30, as Target in Triple Negative Breast Cancer	E. Peralta	Surgery	William E. McElroy Foundation	\$19,250
Endogenous Modulation of Cochlear Injury	L. Rybak	Surgery	USDHHS/NIH/NIDCD	\$247,208
*Gene Transfer into Hematopoietic Stem Cells	A. Wilber	Surgery	USDHHS/NIH	\$78,883
*Effect of Stromal Adipokines on Breast Cancer Development	R. Woo	Surgery	U.S. Army	\$108,375
*Collaborative Research: Evolution of Amphibian MHC Genes after an Infectious Disease Outbreak	K. Lips	Zoology	NSF	\$100,000

Training Awards

Hong Kong EMBA	R. Rivers	Accountancy	Various Donors	\$29,406
ROE 2 Math and Science Partnership	F. Mumba	Curriculum and Instruction	Regional Office of Education #02	\$20,625
Shared Mental Health: An Innovation Approach to Improving the Mental Health Curriculum for Residency Training	J. Albers	Family and Community Medicine	IDPH	\$71,229
*Enhancing Residency Education in Geriatric Medicine: Meeting the Needs of the Rural Elderly	S. Smaga	Family and Community Medicine	USDHHS/HRSA	\$179,270
Internet Use and the Rural MSM	M. Kittleson	Health Ed and Recreation	Jackson County Health Department	\$26,789
*Recreation Therapy Graduate Student for Center for Comprehensive Services	M. Malkin	Health Ed and Recreation	CCS	\$30,556
Recreational Therapy Graduate Assistantship for Gateway Foundation	M. Malkin	Health Ed and Recreation	Gateway Foundation	\$16,415
SIUC McNair Scholars Program	K. Renzaglia J. Spears	Plant Biology Research Development and Administration	USED	\$231,000

Other Awards

Dental Sealant Program	F. Miller D. Summers C. Lautar	Allied Health Allied Health Allied Health	IDPH (USDHHS)	\$6,900
Airport Safety Data Collection Program Year#5	D. NewMyer	Aviation Management and Flight	GCR & Associates, Inc. (USDOT/FAA)	\$140,179

Title	Investigator(s)	Department(s)	Agency	Award
*Tell Us and We Will Remember	V. Devenport	Broadcasting Service	WGBH Educational Foundation	\$5,000
PBS Teacherline 2008-2009	E. Spezia V. Devenport	Broadcasting Service Broadcasting Service	Public Broadcasting Service (USED)	\$10,000
Illinois CATCH on to Health!	J. Teufel H. Hartung	Community Development and Outreach Community Development and Outreach	USDHHS/HRSA	\$428,560
Heart Smart for Teens	P. Tippy	Family and Community Medicine	IDPH	\$27,000
Mobile School Health Center Program	P. Tippy	Family and Community Medicine	IDHS	\$103,000
VCVA Assistance Program Grant	D. St. Germain	Pediatrics	IAG	\$29,911
Genetic Counseling Services Grant	M. Schneider	Pediatrics	IDPH	\$73,000
SIMA Project	J. Hamman	Political Science	Southern Illinois Mayors Association	\$7,852
*A Transactional Model of Autism Services	A. Cuvo	Rehabilitation Institute	USDHHS/OHDS/ACF	\$229,912
Domestic Violence Expansion Project	M. Rudasill	School of Law	IAG	\$30,000
Scholarships for Disadvantaged Students	E. Constance	School of Medicine	USDHHS/HRSA	\$108,889

*indicates new award

Awards Processed During September 2008 (67) \$6,070,506

Summary of Fiscal Year 2009 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2009 Awards as of September 2008		Fiscal Year 2008 Awards as of September 2007	
Research	(57)	\$5,428,542	(94)	\$8,450,440
Training	(13)	\$1,384,132	(14)	\$619,907
Other	(36)	\$6,504,860	(43)	\$11,624,325
Federal	(42)	\$7,993,509	(49)	\$9,865,691
State	(37)	\$4,492,991	(45)	\$4,587,528
Industry	(6)	\$285,431	(12)	\$594,165
Foundation	(7)	\$203,500	(19)	\$803,312
Other	(14)	\$342,103	(26)	\$4,843,977
TOTAL	(106)	\$13,317,534	(151)	\$20,694,672

Fiscal Year 2009 Awards as of September 2008

awards distributed among investigators

	Research	Training	Other	Total
College of Agricultural Sciences	\$422,564	\$0	\$25,000	\$447,564
College of Applied Sciences and Arts	\$0	\$0	\$147,079	\$147,079
Office of the Chancellor	\$0	\$0	\$1,611,812	\$1,611,812
College of Education and Human Services	\$0	\$460,821	\$2,983,605	\$3,444,426
College of Engineering	\$193,064	\$0	\$0	\$193,064
School of Law	\$0	\$0	\$70,000	\$70,000
College of Liberal Arts	\$54,396	\$64,768	\$202,637	\$321,801
College of Mass Communication and Media Arts	\$0	\$0	\$16,000	\$16,000
School of Medicine-Carbondale	\$954,490	\$179,270	\$130,000	\$1,263,760
School of Medicine-Springfield	\$1,445,256	\$71,229	\$211,800	\$1,728,285
Plant and Service Operations	\$0	\$0	\$153,367	\$153,367
Office of the President	\$0	\$0	\$843,560	\$843,560
Office of the Provost and Vice Chancellor	\$0	\$0	\$10,000	\$10,000
College of Science	\$2,037,598	\$608,044	\$0	\$2,645,642
Student Affairs	\$0	\$0	\$100,000	\$100,000
Office of Vice Chancellor for Research	\$321,174	\$0	\$0	\$321,174