

AWARDS PROCESSED

Externally funded grants and contracts processed during August 2009

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
*A Novel Method for Early Detection of Foreign Substances in Milk	A. AbuGhazaleh	Animal Science, Food and Nutrition	U of I/C-FAR (IDA)	\$40,528
*RIG: Mechanisms of Molecular Recognition by the Transcription Factor LMO7 at the Nuclear Envelope and the Adherens Junctions	G. Perez-Alvarado	Chemistry	NSF	\$82,184
Contaminant Burdens and Abundance of Turtles on the West Kentucky Wildlife Management Area/DOE Paducah Plant Complex	R. Halbrook D. Sparling	Cooperative Wildlife Cooperative Wildlife	Kentucky Department of Environmental Protection (USDOE)	\$40,000
Cooperative Furbearer and Nongame Mammal Investigations	C. Nielsen E. Hellgren E. Schaubert J. Nawrot	Cooperative Wildlife Cooperative Wildlife Cooperative Wildlife Cooperative Wildlife	IDNR (USDI/USFWS)	\$99,540
Cooperative Upland Wildlife Research and Surveys	C. Nielsen E. Schaubert E. Hellgren D. Sparling	Cooperative Wildlife Cooperative Wildlife Cooperative Wildlife Cooperative Wildlife	IDNR (USDI/USFWS)	\$149,443
Cooperative Forest Wildlife Research - Illinois Deer Investigations	E. Schaubert C. Nielsen	Cooperative Wildlife Cooperative Wildlife	IDNR (USDI/USFWS)	\$109,739
*Track 1: Southern Illinois Undergraduate Recruitment and Retention in Geoscience Education (SURRGE)	G. Miller J. Schoof M. Therrell	Curriculum and Instruction Geography Geography	NSF	\$186,439
*11-NEW: Southern Illinois PC Infrastructure (SIHPCI)	S. Ahmed M. Tsigie M. Byrd T. Oyana Q. Cheng	Electrical and Computer Engineering Physics Physics Geography Computer Science	NSF	\$360,779
*CSR: Medium: Collaborative Research: Providing Predictable Timing for Task Migration in Embedded Multi-Core Environments (TiME-ME)	H. Ramaprasad	Electrical and Computer Engineering	NSF	\$152,500
*SHF: A Time Predictable Multicore/ Manycore Architecture for Real-Time Systems	W. Zhang	Electrical and Computer Engineering	NSF	\$280,000

2 ◆ RESEARCH MATTERS

Title	Investigator(s)	Department(s)	Agency	Award
Enhanced OB Curriculum	S. Smaga	Family and Community Medicine	IDPH	\$71,229
*Current Use Insecticides as a Limiting Factor for Coho Salmon Conservation and Recovery in Urban Streams	M. Lydy	Fisheries Center	USDOC/NOAA	\$10,000
*Illinois Statewide Healthcare and Education Mapping	G. Wang	Geography	Partnership for a Connected Illinois (IDCEO)	\$30,731
*Characterization of Product Streams from the OHD Coal Conversion Process	K. Anderson J. Crelling S. Rimmer	Geology Geology Geology	IDCEO/ICCI	\$310,586
Collaborative Research: Assessment of T-Wave Processes and Hydroacoustic Monitoring Capabilities in Lau Basin	J. Conder	Geology	NSF	\$52,856
*Age-Related Response of Hippocampal Neurons to Stress	G. Brewer	Medical Microbiology and Immunology	USDHHS/NIH	\$357,380
Role of Aldose Reductase-Like-1 in Colon Tumorigenesis	D. Cao	Medical Microbiology and Immunology	USDHHS/NIH	\$196,425
Definition of Structural Organization and Enzymology of EBV Protein Kinase	E. Gershburg	Medical Microbiology and Immunology	USDHHS/NIH	\$252,875
*Definition of Structural Organization & Enzymology of EBV Protein Kinase	E. Gershburg	Medical Microbiology and Immunology	USDHHS/NIH	\$16,005
*Development of an Effective Genital Herpes Vaccine	W. Halford	Medical Microbiology and Immunology	USDHHS/NIH	\$254,625
15-Lipoxygenase-2 as a Tumor Suppressor	D. Nie	Medical Microbiology and Immunology	USDHHS/NIH	\$2,212,524
*Analysis of Cytotoxic Effects of Nab-rapamycin with Erlotinib on Breast Carcinoma Cell Lines in Vitro	S. Ran	Medical Microbiology and Immunology	Abraxis Bioscience, Inc.	\$15,563
*Evaluation of Efficacy of Nab-rapamycin and Various Anti-Cancer Drugs in MDA-MB-231 Luciferase Model in Vivo	S. Ran	Medical Microbiology and Immunology	Abraxis Bioscience, Inc.	\$39,988
Central IL HIV Care Consortium	N. Khardori	Medicine	IDPH	\$854,674
*Neratinib Versus Lapatinib Plus Capecitabine for the Treatment of ErbB-2-Positive Metastatic Breast Cancer	R. Mocharnuk	Medicine	Wyeth Pharmaceuticals	\$131,100

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*Therapeutic Implications of Rab25 Loss in Breast Cancer	K. Rao	Medicine	William E. McElroy Foundation	\$20,000
*Field Performance of a Modified Miner for Coal and Quartz Dust Control	H. Gurley Y. Chugh	Mining and Mineral Resources Engineering Mining and Mineral Resources Engineering	IDCEO/ICCI	\$72,308
*Validation of the TRG Essential Tremor Rating Scale (TETRAS)	R. Elble	Neurology	Glaxo Wellcome	\$152,500
*Glycine Receptor in Rat Tinnitus Model	D. Caspary	Pharmacology	USDHHS/NIH	\$38,036
The Glycine Receptor in an Rat Tinnitus Model: A Possible Therapeutic Target	D. Caspary	Pharmacology	USDHHS/NIH	\$303,071
*Novel Approach for Chronic Pain Treatment Using Resiniferatoxin	L. Premkumar	Pharmacology	USDHHS/NIH	\$298,710
*Noise Exposure Stimulus Proper	J. Turner	Pharmacology	Tinnitus Research Consortium	\$100,000
*A Molecular Modeling Approach to Predicting Elastic and Failure Behavior of Thermosetting Polymers	M. Tsighe	Physics	Wright State University (USDOD/USAF/AFOSR)	\$18,750
*Role of WNT7A in Ovarian Cancer Metastasis	K. Hayashi	Physiology	American Cancer Society/Illinois Division	\$100,000
*Regulatory Mechanisms of DEAF-1 in Development	J. Huggenvik M. Collard	Physiology Physiology	USDHHS/NIH	\$218,250
*Analysis of JELA Ground-Truth Vegetation Data	L. Battaglia	Plant Biology	Louisiana State U (USDI/NPS)	\$42,025
*Shawnee National Forest Vegetation Plot Analysis	D. Gibson	Plant Biology	USDA/USFS/Shawnee National Forest	\$3,402
The Effects of Atmospheric Nitrogen Deposition on the Nitrogen Cycle of Boreal Bogs: A 15N Tracer Study	D. Vitt	Plant Biology	Villanova University (Cumulative Environmental Management Assoc.)	\$36,577
Identification of Novel Sources of Resistance to Ear Rot and Aflatoxin Accumulation in Corn	A. Fakhoury	Plant, Soil, & Ag Systems	USDA	\$20,000
Mechanisms of Fatigue in a Chronic Viral Disease	L. Toth	Research and Faculty Affairs	USDHHS/NIH	\$378,835
*Features of Chronic Tinnitus in an Animal Model as Indicated by MEMRI and MRS (FY 2009)	C. Bauer	Surgery	USDHHS/NIH	\$365,670

Title	Investigator(s)	Department(s)	Agency	Award
Features of Chronic Tinnitus in an Animal Model as Indicated by MEMRI and MRS (FY 2010)	C. Bauer	Surgery	USDHHS/NIH	\$365,650
*Developing D-Methionine as an Aminoglycoside Otoprotectant	K. Campbell	Surgery	USDHHS/NIH	\$274,527
*Placebo-Controlled Dose-Finding Study Investigating the Efficacy of HP802-247 in Venous Leg Ulcers	R. McLafferty	Surgery	Healthpoint, Inc.	\$96,763
*Early Growth Response Factor-1 (EGR-1): Expression in Rabbit Flexor Tendon Scar Model	M. Neumeister	Surgery	Plastic Surgery Education Foundation	\$10,000
Characterizing New Estrogen Receptor, GPR30, as Target in Triple Negative Breast Cancer	E. Peralta	Surgery	William E. McElroy Foundation	\$19,250
Population Assessment of Golden Mice in Illinois	G. Feldhamer	Zoology	IDNR (USDI/USFWS)	\$37,000
*Characterization of the Nematode Fauna Associated with Native and Invasive Woodwasps (Siricidae) in the United States	F. Jimenez J. Reeve	Zoology Zoology	USDA/USFS	\$74,993
Training Awards				
Enhancing Residency Education in Geriatric Medicine: Meeting the Needs of the Rural Elderly	S. Smaga	Family and Community Medicine	USDHHS/HRSA	\$178,243
*Computer System for Geophysical Research and Teaching	J. Sexton	Geology	Illinois Petroleum Resource Board	\$17,250
Recreation Therapy Graduate Student for Center for Comprehensive Services	M. Malkin	Health Ed and Recreation	Center for Comprehensive Services	\$36,270
Heartland Partnerships: Inquiry-Based Ecological and Environmental Education at SIUC	K. Renzaglia S. Sipes D. Gibson H. Henson F. Mumba	Plant Biology Plant Biology Plant Biology Geology Curriculum and Instruction	NSF	\$444,906
MPA Internships	J. Hamman	Political Science	Illinois Law Enforcement Alarm System	\$9,136
*Summer Transportation Institute - Connecting Today's Students with Tomorrow's Transportation Opportunities	M. Baughman L. Baker J. Nicklow T. Owens	Public Policy Institute Public Policy Institute College of Engineering Applied Sciences and Arts	IDOT (USDOT/FHA)	\$106,413
GED Preparation Program	J. Bordieri S. Burke	Rehabilitation Institute Rehabilitation Institute	Carbondale Community High School	\$1,400

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GED Preparation Program	S. Burke J. Benschoff	Rehabilitation Institute Rehabilitation Institute	Carbondale Community High School	\$15,931
CBAT - Choate-Behavior Analysis and Therapy Collaboration - Graduate Assistantships	P. Davis	Rehabilitation Institute	IDHS/CMHDC	\$38,000
*Rehabilitation Counseling Consultant Group	T. Upton	Rehabilitation Institute	CCCS	\$18,897
Other Awards				
*Medical Dosimetry Accreditation Grant	K. Collins	Allied Health	American Society for Radiation Oncology	\$5,000
*Glass Blowing Demonstration with Mobile Glass Studio at the Illinois State Fair	C. Boyd	Art and Design	IDNR	\$8,813
National Airport Safety Data Collection Program - Maine	D. NewMyer	Aviation Management and Flight	GCR & Associates, Inc. (USDOT/FAA)	\$500
*American Archive Pilot Program for WSIU	G. Petrowich	Broadcasting Service	Oregon Public Broadcasting (CPB)	\$9,999
*The Electric Company Circuit Tour	E. Spezia	Broadcasting Service	Sesameworkshop	\$5,000
*Prosthesis Salon at SIU Breast Center	T. Robbins	Cancer Institute	IDPH	\$9,500
Preschool for All 2009	B. Grace	Curriculum and Instruction	Murphysboro School District #186 (ISBE)	\$7,954
Southern Region Prekindergarten and Parental Training 3-5 Programs FY 2009	B. Grace	Curriculum and Instruction	Murphysboro School District #186 (ISBE)	\$64,131
Southern Region Prevention Initiative and Parental Training 0-3 Programs FY 2009	B. Grace	Curriculum and Instruction	Murphysboro School District #186	\$6,331
Mobile School Health Center Program	P. Tippy	Family and Community Medicine	IDHS	\$103,000
*Earthquake Hazard Mitigation and Education Video	H. Henson	Geology	IEMA (FEMA)	\$45,444
The Children's Medical Resource Network	K. Swafford	Pediatrics	IDCFS	\$288,400
SIMAP Clinical Services Project	S. Koch	Rehabilitation Institute	Franklin-Williamson Human Services	\$2,975
Legal Services for Older Persons	J. Erbes	School of Law	Egyptian Area Agency on Aging (USDHHS)	\$3,464
Scholarships for Disadvantaged Students	E. Constance	School of Medicine	USDHHS/HRSA	\$53,787

Title	Investigator(s)	Department(s)	Agency	Award
*Presenting Illinois' Selection of the Vogel Collection	D. Bachman	University Museum	NEA	\$10,000

*indicates new award

Awards Processed During August 2009 (74) \$10,844,772

Summary of Fiscal Year 2010 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2010 Awards as of August 2009		Fiscal Year 2009 Awards as of August 2008	
Research	(57)	\$9,737,883	(31)	\$2,888,922
Training	(21)	\$1,647,124	(7)	\$807,288
Other	(23)	\$6,003,792	(24)	\$5,309,657
Federal	(45)	\$13,055,784	(24)	\$4,988,029
State	(22)	\$2,632,322	(22)	\$3,661,036
Industry	(4)	\$35,033	(1)	\$25,000
Foundation	(8)	\$347,750	(4)	\$149,000
Other	(22)	\$1,317,910	(11)	\$182,802
TOTAL	(101)	\$17,388,799	(62)	\$9,005,867