

AWARDS PROCESSED

Externally funded grants and contracts processed during September 2009

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
Archaeological Survey of Quincy and Beardstown National Guard Armories	B. Butler M. Wagner	Archaeological Investigations Archaeological Investigations	Illinois National Guard	\$13,622
*Regulatory Mechanisms of Eukaryotic Transcriptional Activation by the 19S Proteasome Subcomplex in Vivo	S. Bhaumik	Biochemistry and Molecular Biology	USDHHS/NIH	\$218,250
RNA Splicing in Archaea	R. Gupta	Biochemistry and Molecular Biology	USDHHS/NIH/NIGMS	\$118,059
Chemistry Graduate Assistantship for Internship Opportunity for Clear Sky Technology	B. Goodson	Chemistry	Clear Sky Technology	\$3,795
*High-Performance Networks for Distributed Petascale Science	M. Zhu	Computer Science	USDOE	\$254,586
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	\$12,000
*Next Generation Digital Breast Tomosynthesis Scanner	Y. Chen	Electrical and Computer Engineering	U of North Carolina (USDHHS/NIH)	\$41,500
Consortium for Embedded Systems Affiliate Program	S. Tragoudas	Electrical and Computer Engineering	Science Applications International Corp.	\$25,000
*Consortium for Embedded Systems Affiliate Program	S. Tragoudas	Electrical and Computer Engineering	Science Applications International Corp.	\$35,000
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	U.S. Army/ACOE	\$25,000
Development and Implementation of Tailored Biosecurity Plans for Illinois Aquafarms	G. Whitledge J. Trushenski	Fisheries Center Fisheries Center	USDA	\$47,762
Monitoring VHS in Chicago Area Waterways to Improve Early Detection	G. Whitledge J. Trushenski	Fisheries Center Fisheries Center	USDA	\$64,089

2 ♦ RESEARCH MATTERS

Title	Investigator(s)	Department(s)	Agency	Award
*VHS Surveillance in Illinois Watershed of High Risk or Unknown VHS Status	G. Whitledge J. Trushenski	Fisheries Center Fisheries Center	USDA	\$170,055
Outreach to Increase Awareness of VHS in Illinois Waters and to Enhance Preventative Measures Among Individuals	G. Whitledge J. Trushenski M. Davenport	Fisheries Center Fisheries Center Forestry	USDA	\$58,201
*Tropical Forest Diversity in the Rural/Urban Interface of Panama City, Panama: Implications for CITES-Listed Mammals	A. Carver J. Needham	Forestry Radio-Television	Purdue University	\$17,000
*Analysis of FY10 IL Forest Stewardship Plans	E. Holzmueller	Forestry	USDA/USFS	\$11,000
Institutional Mechanisms of Recreation Partnerships	E. Seekamp	Forestry	USDA/USFS	\$6,224
The Development of Student Cohorts for the Enhancement of Mathematical Literacy in Underserved Populations	G. Budzban J. Kocik	Mathematics Mathematics	The Algebra Project (NSF)	\$182,979
Fundamental Studies on Manipulation of Red and White Blood Cells by Electric Field	A. Esmaeeli	Mechanical Engineering	NSF	\$6,000
*Metal Borides for Developing Superior Bipolar Plates for PEM Fuel Cells	R. Koc	Mechanical Engineering	USDOE/Argonne National Laboratory	\$37,543
*Reduction of Auxiliary Power and Increased Generating Capacity	J. Mathias	Mechanical Engineering	Southern Illinois Power Co-operative	\$31,457
Interaction of Caloric Restriction with Longevity Genes	A. Bartke	Medicine	USDHHS/NIH/NIA	\$303,145
Interaction of Caloric Restriction with Longevity Genes - Oge Arum Supplement	A. Bartke	Medicine	USDHHS/NIH	\$29,503
Interaction of Caloric Restriction - Diversity Supplement	A. Bartke	Medicine	USDHHS/NIH	\$32,687
*Quality of Life, Physical Functioning, and Head and Neck Cancer (LIPHT) Study	L. Rogers	Medicine	Excellence in Academic Medicine	\$50,000
*Sources and Wetting Characteristics of Respirable Silica Dust in Selected Interior Underground Coal Mines	Y. Chugh K. Mondal	Mining and Mineral Resources Engineering Mechanical Engineering	USDHHS/CDC/NIOSH	\$137,363
*Improving Underground Safety by Understanding the Interaction Between Primary Rock Bolts and the Immediate Roof Strata	A. Spearing	Mining and Mineral Resources Engineering	USDHHS/CDC/NIOSH	\$596,253

Title	Investigator(s)	Department(s)	Agency	Award
*Collaborative Proposal: Ultra-High Performance Carbon Nanotube Hybrid Architectures for On-Chip Gigascale Local and Global Interconnects	S. Talapatra	Physics	NSF	\$100,000
Gender-Specific Effects of Melanocortin Signaling on Behavior and Metabolism in the Rat	A. Strader	Physiology	American Heart Association	\$65,000
Indigo Production in Plant Cells: Setting the Stage for True Blue Flowers	A. Anterola	Plant Biology	The Fred C. Gloeckner Foundation	\$4,000
Field Trial Studies	J. Bond	Plant, Soil, & Ag Systems	Monsanto Company	\$72,000
*Head Scab Management in Wheat - SIU 2009	B. Young	Plant, Soil, & Ag Systems	U of I (USDA/ARS)	\$12,480
*Collaborative Research: NSCC/SA: Terror Conflict Processes, Organizations, and Ideologies	J. Young	Political Science	NSF	\$52,994
*Features of Chronic Tinnitus in Animal Model as Indicated by MEMRI- & MRS	C. Bauer	Surgery	USDHHS/NIH	\$181,492
Surgical Education Clearinghouse	S. Kepner	Surgery	Association for Surgical Education	\$125,487
Endogenous Modulation of Cochlear Injury	L. Rybak	Surgery	USDHHS/NIH/NIDCD	\$247,350
*Effects of Storm Damage on Densities of the SPB Predator <i>Thanasimus dubius</i> : Effect of Habitat Fragmentation on Migration Rates of SPB Using Genetic Markers	J. Reeve K. Ibrahim E. Heist	Zoology Zoology Fisheries Center	USDA/USFS	\$23,000

Training Awards

*IGERT: Multidisciplinary, Team-Based Training in Watershed Science and Policy	N. Pinter C. Lant M. Whiles L. Chevalier S. Baer	Geology Geography Zoology Civil and Environmental Engineering Plant Biology	NSF	\$599,999
*ISBE-IMSP-Science Math & Action Research for Teachers (SMART) Implementation Continuation	M. Wright H. Henson F. Mumba	Mathematics Geology Curriculum and Instruction	ISBE	\$249,106
Traineeship Support	S. Dollinger	Psychology	Franklin-Williamson Human Services/ The H Group	\$30,331

Title	Investigator(s)	Department(s)	Agency	Award
Rehabilitation Continuing Education Program: Technical Assistance Continuing Education Center	D. Adams	Rehabilitation Institute	USED/OSERS	\$821,579
Behavioral Consultant Group	M. Dixon	Rehabilitation Institute	Center for Comprehensive Services	\$78,711
Other Awards				
Dental Sealant Program	F. Miller D. Summers C. Lautar	Allied Health Allied Health Allied Health	IDPH (USDHHS)	\$11,000
Airport Safety Data Collection Program Year #6	D. NewMyer	Aviation Management and Flight	GCR & Associates (USDOT/FAA)	\$146,597
*WSIU Public Television Expanded Coverage to Southernmost Counties of Illinois	G. Petrowich	Broadcasting Service	Johnson County 2000, Inc. (USDA)	\$10,280
Student Support Services Program	R. Greer	Center for Academic Success	USED	\$302,705
Rural Medical Transportation Network	D. Presley	Center for Rural Health and Social Service	IDOT (USDOT)	\$200,000
Public Service Chemistry Internship Program	G. Kinsel	Chemistry	IDNR	\$12,943
Preschool for All 2010	B. Grace	Curriculum and Instruction	Murphysboro School District #186 (ISBE)	\$365,068
Southern Region Prekindergarten and Parental Training 3-5 Programs FY10	B. Grace	Curriculum and Instruction	Murphysboro School District #186 (ISBE)	\$2,943,613
Southern Region Prevention Initiative and Parental Training 0-3 Programs FY10	B. Grace	Curriculum and Instruction	Murphysboro School District #186 (ISBE)	\$290,577
Southern Region Prevention Initiative FY10	B. Grace	Curriculum and Instruction	Murphysboro School District #186 (ISBE)	\$277,456
*Service and Training Program for Veterans with Service Connected Disabilities in Transition (SerVet)	K. Plesko B. Gilbert P. Davis J. Benschoff B. Rodriguez	Disability Support Services Clinical Center Rehabilitation Institute Rehabilitation Institute Clinical Center	USED/OSERS	\$381,000
Southern Illinois Manufacturing Extension Center	E. Carter	Entrepreneurship and Business Development	Bradley U/Allinois Manufacturing Extension Center (USDOC/NIST)	\$815,176
*Addressing Asthma in the Southern Illinois Hispanic/Latino Community	J. Fetro D. Ratnapradipa	Health Ed and Recreation Health Ed and Recreation	IDPH (USDHHS/CDC)	\$18,000
Psychology Graduate Externship	S. Dollinger	Psychology	IDHS/CMHDC	\$37,000

Title	Investigator(s)	Department(s)	Agency	Award
Project 12-Ways FY2010	B. Greene	Rehabilitation Institute	IDHS (USDHHS)	\$608,011
EDC Third Party Agreement	J. Musgrave	Rehabilitation Institute	IDHS (USDHHS)	\$889,963

*indicates new award

Awards Processed During September 2009 (58) \$12,500,991

Summary of Fiscal Year 2010 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2010 Awards as of September 2009		Fiscal Year 2009 Awards as of September 2008	
Research	(83)	\$10,615,205	(58)	\$5,418,670
Training	(26)	\$3,426,800	(12)	\$1,346,132
Other	(38)	\$13,113,180	(35)	\$6,401,860
Federal	(68)	\$15,612,049	(43)	\$8,033,509
State	(30)	\$4,471,967	(34)	\$4,321,435
Industry	(7)	\$216,832	(6)	\$304,559
Foundation	(10)	\$416,750	(7)	\$197,500
Other	(32)	\$6,437,588	(15)	\$309,659
TOTAL	(147)	\$27,155,185	(105)	\$13,166,662

Fiscal Year 2010 Awards as of September 2009

awards distributed among investigators

	Research	Training	Other	Total
College of Agricultural Sciences	\$84,854	\$0	\$0	\$84,854
College of Applied Sciences and Arts	\$0	\$35,116	\$163,097	\$198,213
Office of the Chancellor	\$0	\$0	\$4,001,905	\$4,001,905
College of Education and Human Services	\$129,550	\$1,540,654	\$6,705,786	\$8,375,989
College of Engineering	\$1,374,350	\$278,116	\$0	\$1,652,466
School of Law	\$0	\$0	\$20,000	\$20,000
College of Liberal Arts	\$563,745	\$273,775	\$629,237	\$1,466,756
College of Mass Communication and Media Arts	\$0	\$0	\$20,279	\$20,279
School of Medicine-Carbondale	\$1,751,110	\$178,243	\$103,000	\$2,032,353
School of Medicine-Springfield	\$3,819,512	\$122,068	\$342,187	\$4,283,767
Office of the President	\$0	\$0	\$815,176	\$815,176
Office of the Provost and Vice Chancellor	\$0	\$36,180	\$126,873	\$163,053
College of Science	\$1,971,414	\$962,648	\$58,387	\$2,992,449
Student Affairs	\$0	\$0	\$126,873	\$126,873
Office of Vice Chancellor for Research	\$920,671	\$0	\$0	\$920,671