

AWARDS PROCESSED

Externally funded grants and contracts processed during November 2008

Title	Investigator(s)	Department(s)	Agency	Award
Research Awards				
*Dissecting the Regulatory Mechanisms of Eukaryotic Transcription-Coupled DNA Repair in Vivo	S. Bhaumik	Biochemistry and Molecular Biology	Edward Mallinckrodt, Jr. Foundation	\$60,000
*Proof-of-Concept: Coal-Based Algae Biodiesel	Y. Gao	Chemistry	IDCEO/ICCI	\$40,000
Virginia Black Duck Study	M. Eichholz	Cooperative Wildlife	Ducks Unlimited	\$48,500
*Effective Dust Control in Coal Mines	F. Pourboghraat R. Viswanathan M. Daneshdoost	Electrical and Computer Engineering Electrical and Computer Engineering Electrical and Computer Engineering	IDCEO/ICCI	\$115,291
*Problem-Based Learning of Multithreaded Programming for Multi-Core Processors	W. Zhang	Electrical and Computer Engineering	NSF	\$95,285
Development of Single Nucleotide Polymorphism (SNP) Markers for Identification of Pallid and Shovelnose Sturgeon Larvae	E. Heist	Fisheries Center	USDI/USGS	\$33,338
Fate and Effects of Sediment-Associated Pyrethroid Insecticides in Central Valley, California	M. Lydy A. Trimble	Fisheries Center Fisheries Center	USEPA	\$13,061
*A Study of Southern Illinois Boaters' Awareness, Knowledge, and Practices Associated with Aquatic Nuisance Species	M. Davenport	Forestry	Mississippi River Basin Panel on Aquatic Nuisance Species	\$5,010
*Wet Scrubber for Carbon Dioxide Capture from Flue Gas	K. Anderson T. Wiltowski K. Mondal	Geology Mechanical Engineering Mechanical Engineering	IDCEO/ICCI	\$28,600
*Integrated Study of Mercury and Other Trace Elements Distribution in Illinois Coal	L. Leticariu	Geology	IDCEO/ICCI	\$84,995
ICCI Coal Research Administration	K. Tucker	Illinois Clean Coal Institute	IDCEO/ICCI	\$679,280
ICCI Coal Research Program	K. Tucker	Illinois Clean Coal Institute	IDCEO/ICCI	\$2,359,078

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Dynamic Loading on Composite and Sandwich Structures	S. Abrate	Mechanical Engineering	U.S. Navy/ONR	\$20,000
*Supercritical Phase Fischer-Tropsch Synthesis from Boac Derived Syngas	K. Mondal T. Wiltowski	Mechanical Engineering Mechanical Engineering	IDCEO/ICCI	\$39,999
*Field Performance Studies of Coated Chains on Continuous Miners for Noise Control	M. Szary Y. Chugh	Mechanical Engineering Mining Engineering	IDCEO/ICCI	\$81,061
*Support Defined Novel Catalyst for Enhanced Fischer-Tropsch Activity	T. Wiltowski K. Mondal Q. Ge	Mechanical Engineering Mechanical Engineering Chemistry	IDCEO/ICCI	\$132,654
*Evaluation of Efficacy of Abraxane/ Avastin Combination in Aggressive Model Breast Cancer	S. Ran	Medical Microbiology and Immunology	American Bioscience Inc.	\$69,303
*Evaluation of Efficacy of Soluble SPARC, Avastin, Abraxane for Inhibition of Growth and Metastasis in Breast Carcinoma	S. Ran	Medical Microbiology and Immunology	American Bioscience Inc.	\$49,192
*Ubc9 Promotes Tumor Metastasis by Regulation of microRNAs in Breast Cancer	S. Zhu	Medical Microbiology and Immunology	IDPH	\$25,000
*Field Demonstration of Novel Dust Control Concept for Mine Roadways and Continuous Miners	Y. Chugh	Mining Engineering	IDCEO/ICCI	\$158,952
*Underground Performance Assessment of an Engineered Composite Wooden Crib for Tail Gate Entry Support in Longwall	Y. Chugh	Mining Engineering	IDCEO/ICCI	\$22,587
*Monitoring and Analysis of SIUC Engineered Wooden Cribs in Two Longwall Mining Areas	H. Gurley Y. Chugh	Mining Engineering Mining Engineering	IDCEO/ICCI	\$43,999
*Evaluation of FGX Dry Separator for Cleaning Illinois Basin Coal	M. Mohanty	Mining Engineering	IDCEO/ICCI	\$155,877
*Rock Anchor with Resin-Insertion Improvement	A. Spearing	Mining Engineering	IDCEO/ICCI	\$39,022
*Corrosion of Rock Anchors in Coal Mines	A. Spearing K. Mondal	Mining Engineering Mechanical Engineering	IDCEO/ICCI	\$108,754
IMDN/Child and Family Connections - Mason County	J. Joost	Pediatrics	IDHS	\$11,000
*Role of Adenosine A3 Receptor in Suppressing Prostate Cancer Metastasis	V. Ramkumar	Pharmacology	USDHHS/NIH	\$218,250

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*Development of Carbon Nanotube Based Catalyst Support for Fischer-Tropsch Synthesis	S. Talapatra	Physics	IDCEO/ICCI	\$39,999
Soybean Cyst Nematode Managed Research Area FY 2008	J. Bond	Plant, Soil, and Agricultural Systems	U of I (ISA)	\$74,000
Soybean Cyst Nematode Managed Research Area FY 2008	K. Meksem	Plant, Soil, and Agricultural Systems	U of I (ISA)	\$22,000
*Rural Methamphetamine-Abusing Parents and Their Children	J. Black	Psychiatry	U of I (USDHHS/NIH)	\$18,950
*Mechanisms of Fatigue in a Chronic Viral Disease	L. Toth	Research and Faculty Affairs	USDHHS/NIH	\$380,710
*Cormet Post Approval Study 10-Year Follow-up for IDE Subjects	J. Milbrandt	Surgery	Corin USA	\$43,830

Training Awards

Illinois Breast and Cervical Cancer Program	A. Hamilton	Continuing Medical Education	IDPH	\$15,000
Southern Regional Professional Development Center	N. Mundschenk R. Foley	Educational Psychology and Special Education Educational Psychology and Special Education	SIUE (ISBE)	\$73,996

Other Awards

WSIU and WUSI FM State Grant FY 2009	D. Kerstein C. Isberner	Broadcasting Service Broadcasting Service	IAC (CPB)	\$23,380
WSIU and WUSI TV State Grant FY 2009	D. Kerstein C. Isberner	Broadcasting Service Broadcasting Service	IAC (CPB)	\$202,620
Illinois State Library for Illinois Radio Information Service Grant	J. Williams V. Devenport	Broadcasting Service Broadcasting Service	ISOS/ISL	\$21,352
31st Annual Big Muddy Film Festival	D. Tudor	Cinema and Photography	IAC	\$4,230
*HRSA Southern Illinois Rural Health Planning Grant	J. Teufel H. Hartung Y. Sheng	Community Development Community Development Educational Psychology and Special Education	Southern Illinois Healthcare (USDHHS/HRSA)	\$17,000
Evaluation Coordinated School Health	E. Vitello	Community Development	Southern Seven Health Department (IDHS)	\$600
<i>Crab Orchard Review</i>	A. Joseph J. Tribble	English English	IAC	\$5,610
Southwestern Illinois Regional Occupant Protection Resource Center FY 2009	R. Walker	Health Ed and Recreation	IDOT (USDOT)	\$103,197

Title	Investigator(s)	Department(s)	Agency	Award
*Southern Illinois Symphony and Music Festival	E. Benyas	Music	IAC	\$12,070
Altgeld Performing Artist Series	K. Ginther	Music	IAC	\$4,000
Southern Illinois Children's Choir, 2008-2009 Season	J. Wagner	Music	IAC	\$2,470
*Addictions Disability Specialist (ADS) Certification Module	S. Koch	Rehabilitation Institute	Cerebral Palsy of New Jersey	\$3,600
*Co-Existing Disabilities Conference	S. Koch	Rehabilitation Institute	Cerebral Palsy of New Jersey	\$2,500
*Model Training Program	S. Koch	Rehabilitation Institute	Cerebral Palsy of New Jersey	\$7,500
Legal Services for Older Persons	M. Rudasill	School of Law	Egyptian Area Agency on Aging (USDHHS)	\$49,710
HIV/AIDS Awareness Week	S. Coriasco C. Hamilton	Student Center Student Health Programs	IDPH	\$5,000
Playground Renovation	E. Murray	Student Development	USED	\$167,615
*Boost IL - Child Passenger Safety Program	M. Reed	Surgery	IDOT	\$7,000
Spectrum Wilderness FY 2008	G. Schropp	Touch of Nature	IDCFS	\$43,905

*indicates new award

Awards Processed During November 2008 (54) \$6,089,932

Summary of Fiscal Year 2009 Awards Received to Date

excludes Financial Aid Office awards

	Fiscal Year 2009 Awards as of November 2008		Fiscal Year 2008 Awards as of November 2007	
Research	(108)	\$13,224,921	(145)	\$17,052,622
Training	(20)	\$2,657,997	(22)	\$1,761,925
Other	(69)	\$13,852,012	(71)	\$19,575,897
Federal	(57)	\$11,385,824	(67)	\$13,517,079
State	(78)	\$10,179,433	(85)	\$16,032,362
Industry	(10)	\$455,364	(16)	\$769,526
Foundation	(12)	\$402,254	(24)	\$996,346
Other	(40)	\$7,312,055	(46)	\$7,075,130
TOTAL	(197)	\$29,734,930	(238)	\$38,390,443