

**University of Arkansas, Fayetteville
FY08 August Awards**

Unit	PI Dept	PI	Investigators - ALL	Sponsor	Project Title	Award Amount	InfoEd#
Agriculture, Food, & Life Sciences	BAEG	Brian Haggard	Haggard, Brian~	Beaver Water District (BWD)	Watershed Investigative Support to the Beaver Water District	\$10,000	PT07-000026
Agriculture, Food, & Life Sciences	DREX	Clifford M Coker	Coker, Clifford M~	Monsanto Company	RKN Field Tests -- Service Order #31	\$2,064	PT07-000507
Agriculture, Food, & Life Sciences	HES	Sue Martin	Martin, Sue~	Arkansas Department of Human Services (DHS)	Continuation of Beginnings	\$9,184	PT07-000174
Agriculture, Food, & Life Sciences	UAMF	Don White	White, Don~	Arkansas Game and Fish Commission	Causes of Mortality and Survival of Bull Elk in Arkansas	\$15,000	PT07-000464
College of Arts & Sciences	BISC	Kathryn D. Curtin	Du, Yuchun~Curtin, Kathryn D.~	State of Arkansas	ABI: Identification of the Receptor for the Metastatic Protein, Basigin (EMMPRIN)	\$35,500	PT07-000520
College of Arts & Sciences	BISC	Yuchun Du	Du, Yuchun~	State of Arkansas	ABI: Startup Funds Yu Chun Du	\$125,414	PT07-000522
College of Arts & Sciences	BISC	Yuchun Du	Du, Yuchun~	State of Arkansas	ABI: Comprehensive Proteomic Studies of Mitochondria Pancreatic Cancer	\$27,960	PT07-000523
College of Arts & Sciences	BISC	Johnnie L Gentry	Gentry, Johnnie L~	State of Arkansas	ABI: The Genus Rubus in Arkansas: Characterization & Identification of Flavonoids in Selected Wild Rubus Species	\$21,331	PT07-000525
College of Arts & Sciences	BISC	David Krementz	Krementz, David~	Arkansas Game and Fish Commission	Coop Operating Funds	\$55,000	5256
College of Arts & Sciences	BISC	Ines Pinto	Pinto, Ines~	State of Arkansas	ABI: Characterization of BIR1 Function in Chromosome Segregation	\$39,918	PT07-000532
College of Arts & Sciences	BISC	Douglas D Rhoads	Rhoads, Douglas D~	State of Arkansas	ABI: Validation of an Animal Model for Human Pulmonary Arterial Hypertension	\$90,170	PT07-000534
College of Arts & Sciences	BISC	Jeffrey Silberman	Silberman, Jeffrey~	State of Arkansas	ABI: Epidemiology & Identities of Parasitic Amoebae Infecting Bees & Grasshoppers	\$26,628	PT07-000535
College of Arts & Sciences	BISC	Steven Stephenson	Stephenson, Steven~	National Science Foundation (NSF)	US-Thailand Planning Visit to Chaing Mai University & Mushroom Research Centre	\$10,505	PT06-000575
College of Arts & Sciences	CAST	W Fred Limp	Johnston, William~Cothren, Jackson D.~Limp, W Fred~	U.S. Army Corps of Engineers	Streamlining Archaeo-Geophysical Data Processing and Integration for DoD Field Use	\$22,197	PT05-08-007054
College of Arts & Sciences	CHBC	Paul D. Adams	Adams, Paul D.~	State of Arkansas	ABI: Startup Funds Paul Adams	\$46,150	PT07-000519
College of Arts & Sciences	CHBC	Donald R Bobbitt	Bobbitt, Donald R~	State of Arkansas	ABI: Administrative Project Funds	\$43,927	PT07-000544
College of Arts & Sciences	CHBC	Donald R Bobbitt	Bobbitt, Donald R~	State of Arkansas	ABI: Administrative Project Funds	\$166,460	PT07-000544

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College of Arts & Sciences	CHBC	Dan J Davis	Davis, Dan J~	State of Arkansas	ABI: Acquisition of a Differential Scanning Calorimeter for Studies Involving Stability & Interactions of Biomolecules	\$60,000	PT07-000521
College of Arts & Sciences	CHBC	Ingrid Fritsch	Fritsch, Ingrid~	National Science Foundation (NSF)	Redox Magnetoconvection of Solutions in Small Scale Systems	\$470,000	PT06-000883
College of Arts & Sciences	CHBC	Robert Gawley	Gawley, Robert~	State of Arkansas	ABI: Shared Equipment: 300MHz NMR	\$86,330	PT07-000524
College of Arts & Sciences	CHBC	Mahendra Kavdia	Kumar, Suresh T.~Kavdia, Mahendra~	State of Arkansas	ABI: Role of Suramin on Tumor Metastasis	\$5,680	PT07-000548
College of Arts & Sciences	CHBC	Suresh T. Kumar	Kumar, Suresh T.~Greathouse, Denise~	State of Arkansas	ABI: Understanding the Molecular Mechanism Underlying the Mitogenic Activity of Fibroblast Growth Factor	\$80,145	PT07-000529
College of Arts & Sciences	CHBC	Rohana Liyanage	Liyanage, Rohana~	State of Arkansas	ABI: Identification & Characterization of Anti Microbial Peptides in the Egg	\$34,162	PT07-000530
College of Arts & Sciences	CHBC	Xiaogang Peng	Peng, Xiaogang~	Nanomaterials and Nanofabrication Laboratories	Improved Light Extraction Efficiencies of White pc-LEDs for SSL by using Non-Toxic, Non-Scattering, Bright, and Stable Doped ZnSe Quantum Dot Nanophosphors	\$15,000	PT06-000821
College of Arts & Sciences	CHBC	Peter Pulay	Kumar, Suresh T.~Pulay, Peter~	State of Arkansas	ABI: Improving the Accuracy of Nuclear Magnetic Resonance Based Peptide & Protein Structure Determination: The Use of Multinuclear Chemical Shifts in Conjunction with Theoretical Predictions	\$80,080	PT07-000533
College of Arts & Sciences	CHBC	Julie A Stenken	Stenken, Julie A~	State of Arkansas	ABI: Startup Funds Julie Stenken	\$142,000	PT07-000540
College of Arts & Sciences	CHBC	Z. Ryan Tian	Tian, Z. Ryan~	State of Arkansas	ABI: Developing Soluble Stent for Programmable Correction of Smoking-Associated Artery Stenosis	\$74,624	PT07-000539
College of Arts & Sciences	GEOS	Stephen K. Boss	Patton, Jason~Boss, Stephen K.~	U.S. Environmental Protection Agency (EPA)	GRO: Comparative Assessment of Environmental Impacts of Sedimentation in Three Coves, Beaver Reservoir, Benton County, Arkansas	\$10,088	6001
College of Arts & Sciences	GEOS	Glen Mattioli	Mattioli, Glen~	National Science Foundation (NSF)	Collaborative Research: Facility Support for the CALIPSO Borehole Observatory, Soufrier Hills Volcano, Montserrat	\$100,039	PT07-000186
College of Arts & Sciences	GEOS	Glen Mattioli	Mattioli, Glen~	National Science Foundation (NSF)	Collaborative Research: The CALIPSO Project: Imaging the Magma Chamber on Montserrat	\$115,219	PT05-000212

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College of Arts & Sciences	JOUR	Larry D Foley	Foley, Larry D~	Arkansas Department of Parks & Tourism	The Buffalo Flows (Supplemental Request AR Dept. of Parks & Tourism)	\$10,000	PT07-000505
College of Arts & Sciences	JOUR	Larry D Foley	Foley, Larry D~	Arkansas Game and Fish Commission	The Buffalo Flows (Supplemental AR Game & Fish)	\$10,000	PT07-000506
College of Arts & Sciences	JOUR	Larry D Foley	Foley, Larry D~	Arkansas Natural Heritage Commission	The Buffalo Flows (Supplemental Request AR Natural Heritage Commission)	\$5,000	PT07-000504
College of Arts & Sciences	MASC	Joon Jin Song	Song, Joon Jin~	State of Arkansas	ABI: Bayesian Robust Statistical Inference of Gene Expression Using Multiple Laser Scans of Microarrays	\$86,607	PT07-000536
College of Arts & Sciences	PHYS	Laurent Bellaiche	Kornev, Igor~Fu, Huaxiang~Bellaiche, Laurent~	Office of Naval Research (ONR)	Understanding and Designing Complex Ferroelectrics from First Principles -- Supplement	\$2,430	PT07-000313
College of Arts & Sciences	PHYS	Laurent Bellaiche	Bellaiche, Laurent~	National Science Foundation (NSF)	Complex Phenomena in Ferroelectrics and Multiferroics from First Principles	\$190,000	PT06-000566
College of Arts & Sciences	PHYS	Laurent Bellaiche	Fu, Huaxiang~Bellaiche, Laurent~	Department of Energy	EPSCoR: Properties of Ferroelectric Nanostructures: A Combined Theoretical and Experimental Approach	\$148,801	4716
College of Arts & Sciences	PHYS	Eitan Gross	Gross, Eitan~	State of Arkansas	ABI: Myeloperoxidase. A Novel Indicator for Atherosclerosis	\$70,599	PT07-000541
College of Arts & Sciences	PHYS	Gregory J Salamo	Salamo, Gregory J~Xiao, Min~Fu, Huaxiang~Bellaiche, Laurent~	U.S. Army Research Laboratory	A New Era in Ferroelectrics: Nanostructures and Devices	\$1,289,450	4434
College of Arts & Sciences	PHYS	Gregory J Salamo	Salamo, Gregory J~	National Science Foundation (NSF)	Engineering the Linear & Nonlinear Optical Properties of Periodic Waveguide Arrays - Supplement	\$22,000	PT07-000339
College of Arts & Sciences	PHYS	Gregory J Salamo	Salamo, Gregory J~	National Science Foundation (NSF)	Workshop to Develop an EPSCoR Consortium to Lead the Nation on the Underlying Science and Engineering of Nano Ferroelectric Materials and Devices	\$8,177	PT07-000121
College of Arts & Sciences	PHYS	Jak Tchakhalian	Tchakhalian, Jak~	State of Arkansas	ABI: Interaction of Proteins with Novel Titanium Dioxide Surfaces Functionalized for Biomedical Applications	\$38,102	PT07-000537
College of Arts & Sciences	PSYC	Timothy A. Cavell	Cavell, Timothy A.~	Perspectives Behavioral Health Management	Clerkship in School-Based Mental Health 2007-2008	\$10,985	PT07-000442
College of Arts & Sciences	SCSW	Kameri Christy-McMullin	Christy-McMullin, Kameri~	Ford Foundation	Comparative Study of Outcomes for IDA Participants, IDA Dropouts, and Non-IDA Members in Arkansas and New Mexico	\$50,000	PT07-000345

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College of Arts & Sciences	SCSW	Debra Hurd	Murphy, Yvette~Hurd, Debra~	Arkansas Department of Human Services (DHS)	Arkansas Academic Partnership in Public Child Welfare (FY08)	\$3,152,109	PT07-000084
College of Arts & Sciences	SOCI	Brent L Smith	Smith, Brent L~	Oklahoma City National Memorial Institute for the Prevention of Terrorism	The American Terrorism Study: The Creation and Utilization of the National Database of American Terrorism (Addendums)	\$14,498	PT06-000618
College of Arts & Sciences	SOCI	Brent L Smith	Cothren, Jackson D.-Smith, Brent L~	Milcord LLC	A Data-driven, Decision Aid for Facility and Spatiotemporal Profiling (D3A-FSP)	\$20,708	PT07-000005
College of Education & Health Professionals	HKRD	Merry L Moiseichik	Moiseichik, Merry L~	Jones Center for Families	Jones Center for Families Graduate Assistantship	\$14,604	PT07-000496
College of Education & Health Professionals	HKRD	Merry L Moiseichik	Moiseichik, Merry L~	City of Heber Springs, AR	Administrative Review for City of Heber Springs	\$7,000	PT07-000490
College of Engineering	CHEG	Christa N Hestekin	Hestekin, Christa N~	State of Arkansas	ABI: PCR-Free Detection of Methylated DNA by Microchannel Electrophoresis	\$43,622	PT07-000526
College of Engineering	CHEG	Greg Thoma	Thoma, Greg~	State of Arkansas	ABI: Using Analysis & Microarrays to Determine Remediation of Polycyclic Aromatic Hydrocarbon-Contaminated Soils	\$49,700	PT07-000538
College of Engineering	CSCE	Amy W Apon	Apon, Amy W~Thompson, Craig W~Fu, Huaxiang~	National Science Foundation (NSF)	MRI: Acquisition of a Supercomputing Cluster for Computational, Data, and Storage Intensive Applications in Science and Engineering	\$803,306	PT06-000852
College of Engineering	CSCE	Jia Di	Di, Jia~	National Science Foundation (NSF)	Collaborative Research: Integrating Asynchronous Digital Design into the Undergraduate Computer Engineering Curriculum throughout the Nation	\$377,438	PT07-000021
College of Engineering	CSCE	Dale R Thompson	Thompson, Dale R~	National Science Foundation (NSF)	CT-ER: Anti-counterfeiting RFID Tags	\$143,819	PT07-000015
College of Engineering	CVEG	William (Micah) Hale	Hale, William (Micah)~	Arkansas Highway and Transportation Department (AHTD)	Investigation of Bridge Deck Curing Methods	\$10,000	PT07-000416

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College of Engineering	ELEG	Jose K Abraham	Abraham, Jose K~Varadan, Vijay~	State of Arkansas	ABI: Development of an Nanotech Lab-on-a-Chip for the Fast Detection of Heart Disease at the Point-of-Care	\$35,384	PT07-000518
College of Engineering	ELEG	Magda Elshenawee	Elshenawee, Magda~	National Science Foundation (NSF)	Collaborative Research: Compact Microwave Imaging System Based on Antenna Array of Dielectric Resonators for Breast Cancer Detection	\$27,505	PT07-000352
College of Engineering	ELEG	Leonard W Schaper	Schaper, Leonard W~	Irvine Sensors Corporation	Integrated Capacitors, Copper Vias, Attachment Methods, and Wafer Fabrication for 3DMINT Phase II	\$43,000	PT06-000500
College of Engineering	ELEG	Vasundara V. Varadan	Varadan, Vasundara V.~	National Science Foundation (NSF)	International Research Collaboration with the Indian Institute of Science, India, for the Development of Tunable Microwave Metamaterial Devices	\$131,250	PT07-000098
College of Engineering	ENGR	Mahendra Kavdia	Kumar, Suresh T.~Kavdia, Mahendra~	State of Arkansas	ABI: Role of Suramin on Tumor Metastasis	\$45,196	PT07-000527
College of Engineering	INEG	Manuel R Rossetti	Pohl, Edward~Rossetti, Manuel R~	Center for Engineering Logistics and Distribution	An Intermittent Demand Forecasting Tool	\$40,000	PT07-000463
College of Engineering	MEEG	Ajay Prabhakar Malshe	Demydov, Dmytro~Malshe, Ajay Prabhakar~	State of Arkansas	ABI: Sustainable Nanotechnology Enabled by Bio-Manufacturing: "The Cell as a Production Plant"	\$69,724	PT07-000531
Graduate School / Vice Provost for Research	SRC	Molly Longstreth	Longstreth, Molly~	Rural Mountain Producers Exchange	Evaluating Efforts to Diversify a Rural Mountain Producer's Exchange	\$1,800	PT07-000472
Graduate School / Vice Provost for Research	SRC	Molly Longstreth	Longstreth, Molly~	Arkansas Minority Health Commission	Project to Enter and Prepare Data from a Survey on Health for the AMHC/UAMS	\$50	PT05-000227
Graduate School / Vice Provost for Research	SRC	Molly Longstreth	Longstreth, Molly~	City of Fayetteville	2007 Fayetteville Citizen's Survey	\$25,000	PT07-000275
Graduate School / Vice Provost for Research	SRC	Molly Longstreth	Longstreth, Molly~	University of Arkansas for Medical Sciences (UAMS)	Proposal to Evaluate Two Programs to Increase Hispanic Participation in the Medical Field	\$5,000	PT07-000307
Graduate School / Vice Provost for Research	SRC	Molly Longstreth	Longstreth, Molly~	Ozark Regional Transit	2007 Spring/Summer Northwest Arkansas Omnibus Survey	\$1,258	PT07-000156

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Rehabilitation, Human Resources & Comm. Disorders	RDHI	Douglas Watson	Watson, Douglas~	Department of Education	DRRP Improving Employment Outcomes for the Low Functioning Deaf (LFD) Population (84.133A-12)	\$450,000	PT06-000354
School of Architecture	ARCH	Robert D Byers	Collins, Susan~Byers, Robert D~	Arkansas Corporation for National and Community Services	AmeriCorps -- Garvan Gardens Environmental Development & Education	\$122,960	PT07-000421
Vice Chancellor for Student Affairs	SDEV	Gina Ervin	Ervin, Gina~Sterling, Shauna B~	U.S. Department of Education	University of Arkansas Educational Talent Search	\$421,299	PT05-000321
Vice Chancellor for Student Affairs	SDEV	Gina Ervin	Ervin, Gina~Sterling, Shauna B~	U.S. Department of Education	University of Arkansas College Project Talent Search	\$226,600	PT05-000319
						Current Month	\$10,245,756
						Same Month Previous Year	\$4,747,871
						Current Year to Date	\$14,876,356
						Previous Year to Date	\$9,908,595