

University of Arkansas Fayetteville
FY08 January Proposals

PI Dept	PI	Investigators, All	Sponsor	Project Title	Requested Total Sponsor Costs	Institution Number
CSES	Andrew Sharpley	Sharpley, Andrew~	U.S. Geological Survey/Department of the Interior	Role of Fluvial Sediments in Modifying Phosphorus Export from Northwest Arkansas Watersheds	\$24,098.00	PT08-000029
DREX	Georgia Eizenga	Eizenga, Georgia~	University of Arizona	The Oryza Map Alignment Project II: Integrative Biological Discovery and Applied Research	\$1,122,930.00	PT08-000044
HES	Timothy S Killian	Sheng, Xuewen~Killian, Timothy S~	National Science Foundation (NSF)	Cultural Values, Stress, and Coping among Adult Children Caregivers of Parents with Alzheimers Disease in China and the United States	\$481,465.00	PT08-000033
POSC	Wayne Kuenzel	Jurkevic, Aleksandr~Kuenzel, Wayne~	National Science Foundation (NSF)	Studies Addressing Encephalic Photoreceptors in the Avian Lateral Septal Organ	\$387,966.00	PT08-000022
ANTH	Jesse Casana	Casana, Jesse~	National Science Foundation (NSF)	Settlement, Land Use and Environmental Change in the lower Orontes River Valley, Syria	\$258,137.00	PT08-000026
ANTH	Jesse Casana	Casana, Jesse~	National Science Foundation (NSF)	DOCTORAL DISSERTATION IMPROVEMENT GRANT: Settlements and Sands: Ancient Human Ecodynamics in the Rub' al-Khali Desert, Dubai, UAE	\$15,504.00	PT08-000007
ANTH	Michael Plavcan	Plavcan, Michael~	Leakey (Louis S.B.) Foundation	Novel 3D Analysis of Koobi Fora	\$ 11,810.00	PT08-000001
ANTH	Peter Ungar	Ungar, Peter~	Air Force Office of Scientific Research (AFOSR)	Collaborative Research: The Role of Specialization and Fallback Resource Use in Primate Evolution: the Case of Tufted Capuchins	\$ 40,542.00	PT08-000042
AWRC	Ralph K Davis	Davis, Ralph K~Haggard, Brian~	U.S. Geological Survey/Department of the Interior	State Water Resources Research Institute Program Administration 2008	\$11,450.00	PT08-000030
AWRC	Ralph K Davis	Davis, Ralph K~Haggard, Brian~	U.S. Geological Survey/Department of the Interior	Arkansas Water Resources Center Information Transfer Program	\$10,550.00	PT08-000031
BISC	Timothy A Kral	Kral, Timothy A~	National Aeronautics & Space Administration (NASA)	Potential for methanogenic life in the subsurface of Mars	\$26,000.00	PT08-000051

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BISC	Erik Pollock	Brahana, John Van~Pollock, Erik~Hays, Phil~	U.S. Geological Survey/Department of the Interior	Biogeochemical Controls and Interactions of Carbon and Nutrient Cycling in Karst Hydrologic Systems	\$20,814.00	PT08-000028
BISC	Cynthia L Sagers	Sagers, Cynthia L~	National Science Foundation (NSF)	Collaborative Research: Geographic Variation Among Coevolutionary Networks in Cecropia-Symbiont Associations	\$386,130.00	PT07-000927
BISC	Jeffrey Silberman	Silberman, Jeffrey~	National Science Foundation (NSF)	Genetic and Phylogenetic Diversity of Entamoebae	\$528,332.00	PT07-000935
CHBC	Suresh T. Kumar	Kumar, Suresh T.~	National Institutes of Health/DHHS (NIH)	Stress-induced FGF-1 export: Molecular mechanism and anti-ischemic potential	\$367,605.00	PT07-000912
CHBC	Derek W Sears	Sears, Derek W~	National Aeronautics & Space Administration (NASA)	Sunlight and Experimental Studies of Water on Mars	\$26,000.00	PT08-000050
GEOS	Sonja Hausmann	Hausmann, Sonja~	U.S. Geological Survey/Department of the Interior	Spatial and Historical Distribution of Goesmin and MIB Producers in Beaver Reservoir, Northwest Arkansas	\$25,423.00	PT08-000032
MUSC	Elizabeth (Lisa) H Margulis	Margulis, Elizabeth (Lisa) H~	National Science Foundation (NSF)	Collaborative Research: The Dynamic Network Underlying the Time Course of Preference Across Multiple Musical Exposures	\$345,370.00	PT07-000923
MUSC	Elizabeth (Lisa) H Margulis	Margulis, Elizabeth (Lisa) H~	National Science Foundation (NSF)	Collaborative Research: The Effect of Familiarity on Complex Auditory Processing: Evidence from Musical Timbre and Syntax	\$33,009.00	PT07-000924
PHYS	Daniel John Kennefick	Kennefick, Daniel John~	National Aeronautics & Space Administration (NASA)	Researching the potential of an extended habitability zone on Saturn's moon Enceladus, and focusing this research toward space mission applications	\$26,000.00	PT08-000052
PHYS	Daniel John Kennefick	Kennefick, Daniel John~Kennefick, Julia~	Arkansas Space Grant Consortium	Toward a Census of Supermassive Black Holes in the Universe	\$15,000.00	PT08-000011
PHYS	Claud H Lacy	Lacy, Claud H~	National Aeronautics & Space Administration (NASA)	Survey of Binary Supermassive Black Holes in Starburst Galaxies	\$26,000.00	PT08-000053

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PHYS	Gregory J Salamo	Salamo, Gregory J~	National Science Foundation (NSF)	Development of Instrument: Improving Homogeneity of Quantum Dot Size, Shape, Positioning for Student Training	\$168,000.00	PT08-000009
PHYS	Jak Tchakhalian	Tchakhalian, Jak~	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	Extremely High Resolution Spectroscopy of Oxide Electronic Systems	\$142,811.00	PT07-000914
PHYS	Min Xiao	Tchakhalian, Jak~Tian, Z. Ryan~Zou, Min~Xiao, Min~Thibado, Paul M~Peng, Xiaogang~	National Science Foundation (NSF)	MRI: Development of Temperature-Controllable Second-Order Nonlinear Magneto-Optical Measurement System	\$409,847.00	PT08-000041
PSYC	James M. Lampinen	Lampinen, James M.~	National Science Foundation (NSF)	Forensic Age Progression and Recognition Memory for Missing Children	\$364,410.00	PT08-000027
SOCI	Brent L Smith	Smith, Brent L~	University of Maryland	Measuring Intervention Success in Terrorist Activities	\$39,418.00	PT08-000058
BADM	Jonathan L Johnson	Halsell, Michele~Johnson, Jonathan L~	Dairy Management, Inc.	Dairy Industry Carbon Innovation Lab	\$106,563.00	PT08-000057
CBER	Katherine Deck	Deck, Katherine~	Paradigm Development	An Economic Feasibility Study of the Proposed Johnson Tax Increment Financing District	\$9,185.00	PT08-000019
ECON	Cary Deck	Deck, Cary~	National Science Foundation (NSF)	MRI: Acquisition of Monitoring Equipment for Behavioral Business Research Laboratory	\$325,515.00	PT07-000936
CIED	Gary Huxel	Huxel, Gary~	National Science Foundation (NSF)	The Influence of Predator Diversity on Prey Suppression and Release	\$289,048.00	PT08-000004
CIED	Charles Stegman	Johnson, Calli Ann~Stegman, Charles~	Northwest Arkansas Education Service Cooperative	Mathematical Expertise Necessary for Teaching with Optimal Results (MENTOR)	\$9,899.00	PT08-000016
CIED	Charles Stegman	Stegman, Charles~	Arkansas Department of Education (ADED)	Evaluation of the Educational Renewal Zone Project	\$118,819.00	PT08-000012
CIED	Charles Stegman	Stegman, Charles~	Arkansas Department of Education (ADED)	Mathematics & Science Partnership Evaluation - Year 2	\$49,904.00	PT08-000013
CIED	Samuel Totten	Totten, Samuel~	National Writing Project	Northwest Arkansas Writing Project Re-Application	\$43,000.00	PT07-000930

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HKRD	Heidi Kluess	Kluess, Heidi~	American Heart Association (AHA)	Age-Related Changes in Non-Adrenergic Sympathetic Vasoconstriction	\$308,000.00	PT08-000035
HKRD	Merry L Moiseichik	Moiseichik, Merry L~	Department of State (DOS)	Kenya Coaches Training Initiative	\$148,796.00	PT08-000025
CHEG	Richard K Ulrich	Ulrich, Richard K~	National Aeronautics & Space Administration (NASA)	Optical Design and Prototyping for OPRA: Optical Probe for Regolith Analysis	\$26,000.00	PT08-000048
CHEG	Richard K Ulrich	Ulrich, Richard K~	National Aeronautics & Space Administration (NASA)	Evaporative Stability of Hydrocarbon Clathrates under Titan, Mars, and Enceladus Conditions	\$26,000.00	PT08-000049
ELEG	Magda O Elshenawee	Elshenawee, Magda O~	National Science Foundation (NSF)	Collaborative Research: Compact Microwave Imaging System Based on Antenna Array of Dielectric Resonators for Breast Cancer Detection	\$11,500.00	PT08-000060
ELEG	Magda O Elshenawee	Elshenawee, Magda O~	Department of Defense (DOD)	Biomagnetic Sensors for Early Detection of Breast Cancer	\$98,895.00	PT08-000014
ELEG	Omar Manasreh	Manasreh, Omar~	U.S. Department of Energy	Photovoltaic Materials and Devices Based on Semiconductor	\$2,243,000.00	PT07-000926
ELEG	Omar Manasreh	Manasreh, Omar~	National Science Foundation (NSF)	MRI: Acquisition of a Thin Film Deposition System for Advanced Nanotechnology and Packaging Research and Teaching Activities	\$350,196.00	PT07-000925
ELEG	Alan Mantooth	Mantooth, Alan~	National Aeronautics & Space Administration (NASA)	Feedback Control System and Data Acquisition for Optical Probe for Regolith Analysis: Controls and Data Acquisition for Planetary Sub-surfacing	\$26,000.00	PT08-000054
INEG	Justin R Chimka	Chimka, Justin R~	National Science Foundation (NSF)	Beyond implementation of auto-ID technology for multidisciplinary undergraduate studies (BI-ATMUS)	\$496,914.00	PT08-000017
SRC	Molly Longstreth	Longstreth, Molly~	John Brown University	Collaborative Research: Integrating Global Studies into Engineering Education	\$10,286.00	PT08-000018
SRC	Molly Longstreth	Longstreth, Molly~	Siloam Springs Memorial Hospital	Bridges to Wellness Rural Health Network Development Project Survey	\$686.00	PT08-000024

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SRC	Molly Longstreth	Longstreth, Molly~	Siloam Springs Memorial Hospital	Amendment to the Bridges to Wellness Rural Health Network Development Project Survey	\$686.00	PT07-000931
SRC	Molly Longstreth	Longstreth, Molly~	University of Arkansas Division of Agriculture Cooperative Extension	Proposal to Survey Cooperative Extension Personnel about Communication with Cooperative Extension Specialists and Their Needs for Information	\$3,635.00	PT07-000932
				Current Month	10,017,148.00	
				Same Month Previous Year	18,994,913.00	
				Current Year to Date	111,299,966.00	
				Previous Year to Date	81,025,215.00	