

**University of Arkansas Fayetteville  
FY08 April Proposals**

Unit	PI Dept	PI	Investigators, All	Sponsor	Project Title	Requested Total Sponsor Costs	Institution Number
Agriculture, Food, & Life Sciences	AEAB	Lucas D Parsch	Parsch, Lucas D~	U.S. Department of Education	EU-US Atlantis Double Degree program in Rural Development and Agricultural Economics	\$448,000.00	PT08-000175
Agriculture, Food, & Life Sciences	BAEG	Yanbin Li	Li, Yanbin~	Ocean Nano Tech LLC	Nanoparticles-Based Magnetophoresis Biosensor for Ultrasensitive Detection of Multiple Pathogens	\$75,000.00	PT08-000182
College of Arts & Sciences	BISC	Yuchun Du	Du, Yuchun~	American Cancer Society, Inc.	Molecular Mechanisms of Chemoresistance in Pancreatic Cancer	\$671,697.00	PT08-000168
College of Arts & Sciences	BISC	David Kremenz	Kremenz, David~	Arkansas Game and Fish Commission	A GIS Analysis of Satellite-Marked Mallard Distributions	\$7,690.00	PT08-000198
College of Arts & Sciences	BISC	Cynthia L Sagers	Sagers, Cynthia L~	Smithsonian Institution	Geographical Variation in a Mutualistic Network Structure: A Case Study in the Cecropia-Azteca System	\$21,120.00	PT08-000208
College of Arts & Sciences	GEOS	Sonja Hausmann	Hausmann, Sonja~	University of Laval	The Pingualuit Crater Lake Project	\$41,202.00	PT08-000162
College of Arts & Sciences	MASC	Bernard L Madison	Madison, Bernard L~	Spencer Foundation	Exemplary Quantitative Literacy Tasks and Assessments	\$260,382.00	PT07-000901
College of Arts & Sciences	PSYC	Ana Julia Bridges	Bridges, Ana Julia~	Society for the Scientific Study of Sexuality	Dyadic Use of Sexually Explicit Materials: Implications for Relationship Satisfaction	\$1,000.00	PT08-000181
College of Arts & Sciences	SCSW	Kameri Christy-McMullin	Christy-McMullin, Kameri~	Healthy Connections, Inc.	SOS Evaluation	\$1,500.00	PT08-000183
College of Business	CBER	Katherine Deck	Deck, Katherine~	Bentonville Advertising & Promotion Commission	The Economic Impact of the 2008 "Real Deal on the Hill" on the City of Bentonville	\$7,125.00	PT08-000187
College of Business	ECON	Katherine Deck	Deck, Katherine~	Jones Center for Families	The Economic Impact of the Jones Center for Families	\$15,390.00	PT08-000166
College of Education & Health Professionals	NURS	Kathleen Barta	Barta, Kathleen~	Arkansas Children's Hospital Research Institute	National Institute of Child Health and Human Development, National Children's Study (NCS) Centers	\$62,340.00	PT08-000188
College of Engineering	CHEG	Greg Thoma	Thoma, Greg~	Oak Ridge Associated Universities	WERC Environmental Design Competition Travel Award - Year 3	\$500.00	PT08-000184
College of Engineering	CSCE	Amy W Apon	Apon, Amy W~	National Science Foundation (NSF)	Collaborative Research: CSR-DMSS, SM: Explorations in Reducing Energy Consumption in Data Grids	\$146,186.00	PT08-000191
College of Engineering	CSCE	Russell Deaton	Deaton, Russell~	University of Alabama	CCLI: Preparing At-Risk Students for SC1 and Calculus	\$36,547.00	PT08-000185
College of Engineering	CSCE	Russell Deaton	Deaton, Russell~	National Science Foundation (NSF)	CDI-Type II: Computation and Complexity in Self-Assembly	\$1,053,804.00	PT07-000917
College of Engineering	CSCE	Haiying Shen	Shen, Haiying~	University of Arkansas at Little Rock (UALR)	PHAC - P2P Based Highly Available Computing for Space Networks	\$7,500.00	PT08-000133
College of Engineering	CSCE	Haiying Shen	Shen, Haiying~	Army Research Office (ARO)	Locality-aware Efficient Multi-dimensional Data Queries in Large-Scale Sensor Networks	\$300,000.00	PT08-000179
College of Engineering	CSCE	Haiying Shen	Shen, Haiying~	National Science Foundation (NSF)	CSR-DMSS, SM, Harmony: Integrated Resource/Trust Management in Large-Scale Distributed Systems	\$282,335.00	PT08-000161
College of Engineering	ELEG	Omar Manasreh	Manasreh, Omar~	National Science Foundation (NSF)	Gamma-ray Detection	\$2,000,000.00	PT08-000147
College of Engineering	ELEG	Alan Mantooth	Balda, Juan C~Ang, Simon S~Mantooth, Alan~	U.S. Department of Energy	Silicon Carbide Applications for Reliable Electric Power Transmission	\$492,001.00	PT08-000095

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College of Engineering	ELEG	Scott C Smith	Smith, Scott C~	National Science Foundation (NSF)	Collaborative Research: Design Automation Methodology for Delay-Insensitive Based Designs	\$223,117.00	PT08-000197
College of Engineering	INEG	Scott J Mason	Mason, Scott J~	General Dynamics Information Technology, Inc.	Supply Chain and Logistics Outside the Health Sector: A Landscape Analysis for Project Optimize	\$79,181.00	PT08-000180
College of Engineering	MEEG	Steve Tung	Tung, Steve~	National Science Foundation (NSF)	A Flagellar Motor Based Biosensor for Nuclear Radiation Detection	\$1,937,786.00	PT08-000186
Graduate School / Vice Provost for Research	RSSP	Phillip S Stafford	Stafford, Phillip S~	Small Business Administration	ARTP Laboratory Infrastructure Project	\$500,000.00	PT08-000155
Graduate School / Vice Provost for Research	SRC	Molly Longstreth	Longstreth, Molly~	Ozark Regional Transit	Spring 2008 Northwest Arkansas Omnibus Survey	\$1,440.00	PT08-000151
Graduate School / Vice Provost for Research	SRC	Molly Longstreth	Longstreth, Molly~	Siloam Springs Memorial Hospital	Bridges to Wellness Rural Health Network Development Project Survey Amendment #3	\$900.00	PT08-000199
Graduate School / Vice Provost for Research	SRC	Molly Longstreth	Longstreth, Molly~	Northwest Arkansas Community College	Spring 2008 Northwest Arkansas Omnibus Survey	\$1,840.00	PT08-000148
						<b>Current Month</b>	<b>\$8,675,583.00</b>
						<b>Same Month Previous Year</b>	<b>\$7,047,035.00</b>
						<b>Current Year to Date</b>	<b>\$149,068,014.00</b>
						<b>Previous Year to Date</b>	<b>\$140,882,175.00</b>