

QUARTERLY AWARDS BETWEEN 10/01/08 and 09/30/09

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT	NOTE: sent via email
AEROSPACE	Foster, W.A.	NASA	Solid Rocket Motor Off-Design Performance Analysis	05/01/07 04/30/10	66,165	
AEROSPACE		1			66,165	

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CHEMICAL	Davis, F.	NSF	ARRA/Rheology of Lyotropic Nematogenic Nanrod Dispersion	08/15/09 07/31/10	71,000
	Ashurst, W.R.	IST/NSF	ARRA/Durable Super-Hydrophobic Nanocomposites	07/01/09 12/31/09	33,291
	Ashurst, W.R.	SOC/NSF	The Molecular Origins of Friction - A Study Across Velocity Regimes of Phosphonate Monolayers	05/01/09 04/30/11	20,000
CHEMICAL		3			124,291

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CIVIL	Zhao, D.	GCI	Mercury Immobilization using Stabilized Iron Sulfide Nanoparticles	06/01/09 05/31/10	12,600
CIVIL		1			12,600

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
COMPUTER SCIENCE	Cross, J. Hendrix, D. Narayanan, N.H. Umress, D.	NSF	jGRASP: Toward Effortless Program Visualization with a Canvas of Dynamic Objects	09/01/09 08/31/11	250,000
COMPUTER SCIENCE		1			250,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ELECTRICAL & COMPUTER ENGINEERING	Baginski, T.A.	AMTEC	Test and Evaluation of the Frequency Response of Wideband Electrical Systems	07/31/09 08/31/10	49,988
ELECTRICAL		1			49,988

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
INDUSTRIAL	Gue, K.R.	NSF	Storage Systems with Virtual Aisles	08/15/09 07/31/12	289,429
INDUSTRIAL		1			289,429

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
MECHANICAL	Jones, P.D.	DOD	Concept Development - Design of a Pushed Trailer to Defect Roadside IEDs	06/10/09 12/03/09	38,458
	Raju, P.K.	NSF	(ARRA) Collaborative Research: Development and Testing of Presage-Pedagogy-Process-Product Model to Assess the Effectiveness of Case Study methodology in Achieving Learning Outcomes	09/01/09 08/31/12	283,988
	Khodadadi, J.M.	SDSUF	Reducing Natural Gas Consumption by Modifying Containers of Water Heaters	05/15/09 09/30/09	92,810
	Khodadadi, J.M.	ASELLC/DOE	Thermal Analysis of Lithium-Ion Batteries for Advanced Automotive Applications	07/30/09 01/29/10	60,377
	Dyer, D.F.	ARDI	Task Order #1-Energy Utilization Research for Russell Medical Center	09/15/09 03/15/10	3,000
	Khodadadi, J.M. Jackson, R.L. Mills, G.	UAT/DOE	Nanostructure-Enhanced Phase Change Materials (NEPCM)	07/15/09 12/31/09	20,000
	Raju, P.K.	PCC/NIH	Biomechanics of the Spine	08/01/09 07/31/10	11,016

MECHANICAL

7

509,649

QUARTERLY AWARDS BETWEEN 10/01/08 and 09/30/09

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ALABAMA MICROELECTRONIC SCIENCE TECHNOLOGY CENTER	Dean, R.N.	DTI/ARMY	Probe Optical Adjunct Sensor Task	05/12/09 09/30/09	15,000
	Dean, R.N.	MEMSL	Curstom Front-End ASIC Design and Fabrication	10/01/09 05/31/10	40,118

AMSTC

2

55,118

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
Center for Advanced Vehicle Electronics	Lall, P.	NSWC	Use of High Power Microwaves to Disable Vehicle Propulsion	06/16/09 09/30/09	74,973
	Lall, P.	NSF	RET Supplement to CAVE (NSF I/UCRC)	09/01/04 08/31/10	20,000
	Lall, P.	NSF	REU Supplement to CAVE (NSF I/UCRC)	09/01/04 08/31/10	8,000
	Choe, S-Y	SKECL	Development of Advanced BMS Algorithms Based on Thermal-Electrochemical Model	06/01/09 05/31/10	60,000

CAVE

4

162,973

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CENTER FOR IMPACT	Gilbert, J.	NSF	Collaborative Research: BPC-DP: African-American Research in Computing Science (AARCS)	06/19/09 05/31/10	16,000
	Biaz, S.	NSF	(ARRA) Collaborative Research: CRI-RUI: II-NEW: ATTRACT: Aerial & Terrestrial Testbed for Research in Aerospace,	08/01/09 07/31/11	189,284

Computing, and maThematics

Qin, X.	NSF	CSR: Small: Collaborative Research: FastStor: Data-Mining-Based Multilayer Prefetching for Hybrid Storage Systems	09/01/09 08/31/12	200,000
Hamilton, J.A.	NSA	DoD Information Assurance Scholarship Program (IASP)	08/21/09 11/20/10	84,644
Narayanan, N.H.	ETRI	A Study on How to Provide Drivers with Vehicle Information through a Device Display	08/01/09 03/31/10	51,210
Ku, W.S.	NSF	II-NEW: An Infrastructure for Scalable Data Dissemination & Query Evaluation in Mobile Environments	10/01/09 09/30/12	164,678
Qin, X.	NSF	CAREER: Multicore-Based Parallel Disk Systems for Large-Scale Date-Intensive Computing	08/01/09 07/31/14	400,000

IMPACT 7 1,105,816

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CENTER FOR MICRO. MATERIALS. MANUFACTURING	Tatarchuk, B.	INI/NAVY	Enhanced Fischer Tropsch Catalysis & Synthesis of Naval Logistic Fuels using Transportable, Modular and Scalable Manufacturing Platforms	04/01/09 09/30/10	150,048
CM3					150,048

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
HIGHWAY RESEARCH CENTER	Turochy, R.E.	ALDOT/FHWA	Analysis of Traffic Impacts for Ridge Bridge Deck Replacement Project:	07/09/09 01/31/11	116,039
HRC					116,039

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
MATERIALS RESEARCH EDUCATION CENTER	Hong, J.W.	KRIBB	A Novel Fluidic Array System fo: Metabolic Assessment:	04/01/09 03/31/10	64,000

Chin, B.A.	USDA	Detection & Food Safety, AL	07/12/09 07/14/10	1,629,638
Hong, J.W.	BWH/NIH	Microfluid System for Screening Stem Cell Microenvironments	09/01/09 08/31/10	177,900
Hong, J.W.	KIMM	Development of Laser based Ultra-Precision Machining System for Hole Machining with High Aspect Ratio	06/01/09 05/31/10	20,078
Cheng, Z.	NSF	MRI: Acquisition of a State-of-Art X-Ray Diffraction System for Investigation of Nano/Micro/Bio-Materials and Devices	10/01/09 09/30/10	292,886

**MREC** 5 **2,184,502**

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
NATIONAL CENTER FOR ASPHALT TECHNOLOGY	Willis, R.	OMI	Development of Relationships between Laboratory Performance Test Results and Field Performance at the 2009 NCAT Test Track	05/01/09 07/31/12	300,000
	West, R.	ALDOT/FHWA	Field Control and Performance of Asphalt Mixtures Containing Greater than 25% RAP	07/09/09 06/30/14	304,337
	Powell, R.L.	LSTT	Evaluation of Mixture Performance and Structural Capacity of Pavement Utilizing Trinidad Lake Asphalt (TLA)	06/01/09 02/29/12	500,000

**NCAT** 3 **1,104,337**

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ALABAMA CENTER FOR PAPER & BIORESOURCE ENGINEERING	Cullinan, H.T.	ADAI	Strategic Plan for the Alabama Biorefining Initiative	07/06/09 05/31/11	300,000
	Cullinan, H.T.	USDA	Extracting Hemicelluloses Prior to Pulping of Southern Pine Chips	08/06/09 09/30/10	60,000

**ACPBE** 2 **360,000**

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
WIRELESS RESEARCH CENTER	Agrawal, V. Dai, F./Nelson, V. Singh, A/Stroud, C.	NSF	Collaborative Research: CRI: IAD: Electronic Testing Education, Research & Training Infrastructure	07/31/09 09/30/10	43,000
	Agrawal, P.	NSF	ECDS/PCAN/EAGER: Biologically Inspired Resource Harvesting in Mobile Wireless Networks	09/01/09 08/31/10	100,000
	Singh, A.D.	NSF	Collaborative Research: Targeting Multi- Core Clock Performance Gains in the Face of Extreme Process Variations	09/12/09 08/31/12	153,846
WRC		3			296,846
GRAND TOTAL		43			6,837,801

to Cheryl:

8/4/2008  
12/1/2008  
1/20/2009