

QUARTERLY AWARDS BETWEEN 4/01/08 and 06/30/08

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT	NOTE: sent via email
AEROSPACE	Ahmed, A.	UAH/NASA	Auburn University Microgravity Flight Team Astronaut Extravehicular Activity Drinking Bag Filling Mechanism	03/01/05 02/27/10	5,000	
	Sinclair, A.J.	AFRL	Development of Simultaneous-Attack Guidance for Cooperative Munitions	02/01/08 12/31/08	19,987	
	Thurrow, B.S.	AF	Development & Application of High-Speed 3-Dimensional Density Measurement Technique	04/01/08 11/30/08	105,965	
	Thurrow, B.S.	ARMY	High-Speed 3-D Diagnostic for High Reynolds Number Flow Fields	06/01/08 05/31/09	90,000	
AEROSPACE		4			220,952	

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT	
CHEMICAL	Eden, M.R.	TEES/DOEd	North American Mobility Program	02/15/08 08/15/08	20,000	
	Lee, Y.Y.	ABRD/DOE	Characterization of Biomass Materials	04/07/08 01/06/09	100,000	
CHEMICAL		2			120,000	

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT	
CIVIL	Davidson, J.S.	UAB/AF	Advanced Computation Dynamics Simulation of Protective Structures Research	10/01/07 04/01/08	53,590	
	Davidson, J.S.	NCMAERF	Modeling of Concrete Masonry Walls Subjected to Blast	08/15/07 09/30/08	14,508	
	Fang, X.	UMO	Identification of Potential Coldwater Refuge Lakes Important for Sustaining Cisco Habitat	04/11/08 01/31/10	60,000	
CIVIL		3			128,098	

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
COMPUTER SCIENCE	Qin, X.	NSF	REU Supplement:BUD: A Buffer-Disk Architecture for Energy Conservation in Parallel Disk Systems	07/16/07 03/31/10	12,000
COMPUTER SCIENCE		1			12,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
INDUSTRIAL	Gue, K.R.	UA/USDOT	A Nationwide High-Speed Rail Network for Freight Distribution	07/01/07 06/30/08	15,000
INDUSTRIAL		1			15,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
MECHANICAL	Beale, D.G.	NASA	Development of an ESMD Senior Design Course by AU	01/23/08 08/15/08	40,000
	Raju, P.K.	NSF	Capability-Focused Real-World-Based Technology-Enabled (CARTEL) Instructional Strategy: Development and Testing in Introductory Courses	04/15/08 03/31/10	150,000
	Tippur, H.V.	ARO	Processing, Failure Characterization and Modeling of Light-Weight Interpenetrating Network Composites	08/01/08 01/31/09	39,055
MECHANICAL		3			229,055

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
POLYMER & FIBER ENGINEERING	Schwartz, P. Aquad, M.L./Adanur, S. Broughton, R.M. Davis, E.W. Thomas, G.A. Buschle-Diller, G. El-Mogahzy, Y.E. Gowayed, Y.A.	USDC	A Proposal to Continue the Program in the Development of Novel and Advanced Polymeric Materials at Auburn University	06/01/08 05/31/09	1,276,522
PFE		1			1,276,522

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ALABAMA MICROELECTRONIC SCIENCE TECHNOLOGY CENTER	Niu, G.	NASA	Mixed-Mode 3D SEU Modeling and Mitigation for Emitter Current Sensitive SiGe HBT Circuits	04/01/08 09/30/08	20,013
AMSTC		1			20,013

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
Center for Advanced Vehicle Electronics	Bevly, D.M.	EC	Continuation of the Study of the use of Terrain Information to Improve Fuel Economy on Heavy Vehicles	04/01/08 03/31/09	30,000
	Suhling, J.C.	NASA	NASA Membership in CAVE for Tin Wiskers Project yr 1	09/01/06 08/31/09	164,000
	Suhling, J.C.	BMI/ARMY	Semi-Autonomous Operations	03/12/08 03/11/10	286,376
	Bevly, D.M.	ITC	Continuation of the Study of the use of Terrain Information to Improve Fuel Economy on Heavy Vehicles	01/01/08 12/31/08	30,000
	Simth, J.S. Evans, J.L.	CAG	Simulation Modeling and Analysis Support	05/15/08 12/31/09	93,002
CAVE		6			603,378

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CENTER FOR IMPACT	Seals, C.D.	UnC/NSF	Collaborative Research: BPC-DP: Practices Aggregation, Infrastructure and Retrieval Service (PAIRS) for Broadening Participation in Computing	03/14/08 03/31/09	20,200
	Narayanan, N.H.	ETRI	Incorporating Inteligent Driver Assistance in a Cognitive Simulation of Driver Workload and Interaction with Telematics	06/01/08 01/31/09	54,475
IMPACT		2			74,675

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CENTER FOR MICRO. MATERIALS. MANUFACTURING	Tartarchuk, B.J.	ONR	System Level Design Studies and Breadboard Desulfurizer Verifications for a 500kW SOFC	03/01/08 02/28/09	208,758
	Tatarchuk, B.J.	PTL	Sorbent Production	05/07/08 05/08/08	1,378
	Putt, R.A.	CLSSI	CO Removal for On-Board Oxygen Generators	05/21/08 08/29/08	47,000
CM3		3			257,136

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
HIGHWAY RESEARCH CENTER	Stallngs, J.M.	ALDOT/FHWA	Bridge Health Monitoring Applications	04/23/08 10/31/08	23,167
HRC		1			23,167

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
INFO TECH PEAK	Johnson, R.W.	NSA	Project for Manufacturing Consulting Support	03/28/08 10/31/08	413,032
PEAK		1			413,032

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
MATERIALS RESEARCH EDUCATION CENTER	Hong, J.W.	PNU	Development of a Novel Biocatalyst Microfluidic System for Marine BioProcesses	01/01/08 12/31/08	167,376
	Cheng, Z.	3M	Development of a Sensitive and Wireless Biosensor using Magnetostrictive Material	04/01/08 09/30/08	23,500

MREC

2

190,876

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
NATIONAL CENTER FOR ASPHALT TECHNOLOGY			WMA Additive	05/31/08	
	Kvasnak, A.N.	REFRASUD	Evaluation of the Effects of Carbo WMA on Compactibility and Moisture	01/08/08 06/30/08	48,828
	Bianchini, A.	FHWA	Refining a Laboratory Procedure to Characterize Change in Hot Asphalt Surface Friction	04/22/08 04/03/10	155,437
	Timm, D.	FHWA	Coordination of the Initial Meeting for Four Regional M-E PDG User Groups	04/22/08 04/03/10	55,239
	West, R.C.	NAS/DOT	Improved Test Methods for Specific Gravity and Absorption of Coarse and Fine Aggregates	04/03/08 04/02/10	200,000
	West, R.C.	NAS/DOT	Improved Mix Design, Evaluation and Materials Management Practices for HMA with High RAP	04/15/08 04/14/10	200,000
	Bianchini, A.	TCAC	Skid Resistance Study	04/01/08 08/30/08	15,745
	Kvasnak, A.N.	LNAI	Determination of Optimal Usage of Hypertherm	05/01/08 12/31/08	37,905

NCAT

7

713,154

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
THOMAS WALTER CENTER FOR TECHNOLOGY MANAGEMENT	Swamidass, P.M.	WEI	Alternative Markets for Ethanol	04/01/08 05/30/08	14,454

TWCTM

1

14,454

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
WIRELESS RESEARCH CENTER	Mao, S.	NSF	IHCS: Towards Efficient Medium Access Control for Wireless Networks	06/01/08 05/31/11	299,959

WRC	1	299,959
ADMIN	0	-
GRAND TOTAL	40	4,611,471

to Cheryl:

8/4/2008