

QUARTERLY AWARDS BETWEEN 10/01/08 and 12/31/08

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CHEMICAL	Byrne, M.E.	OMI	Therapeutic Contact Lenses for Extended Release	12/15/08 08/15/09	75,541
	Davis, V.A.	NSF	CAREER: Microstructure & Processing of Cylindrical Nanomaterial Dispersions	03/01/09 02/28/14	400,000
CHEMICAL		2			475,541

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CIVIL	Barnett, M.O.	NRC	Technical Support to the US Nuclear Regulatory Commission - IPA	01/01/09 12/31/09	158,000
	Davidson, J.S.	UTC/AF	Advance Computation Dynamics Simulation of Protective Structures	01/08/09 04/09/13	19,305
CIVIL		2			177,305

QUARTERLY AWARDS BETWEEN 10/01/08 and 12/31/08

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
COMPUTER SCIENCE	Qin, X	NSF	REU Supplement Mathematical Reliability Models for Energy-Efficient Parallel Disk Systems	10/01/07 09/30/09	12,000
COMPUTER SCIENCE		1			12,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
INDUSTRIAL	Park, C.S.	ETRI	An Analysis of Assessing Mechanisms of Interconnecting Charge between Mobile Telecommunication	07/01/08 11/30/08	30,000
	Smith, J.	USDOT	Development of Hot Mix Plant Production Process Control System (AU8-D3)	01/01/09 03/31/10	152,126

Gue, K. R.	ONR	Dynamic Resource Allocation to Improve Service Performance in Order Fulfillment Systems	01/01/09 12/31/10	68,150
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INDUSTRIAL	3			250,276
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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
MECHANICAL	Beale, D.G.	ARMY	System Simulation and Development Directorate	09/25/08 09/30/09	11,999
	Crocker, M.J.	ULA	Water Injection for Reduction of Launch Noise	10/08/08 12/15/08	40,000

MECHANICAL	2			51,999
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QUARTERLY AWARDS BETWEEN 10/01/08 and 12/31/08

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
POLYMER & FIBER ENGINEERING	Thomas, G.A.	KAC/NAVY	Multicomponent Armor and Protection for V22 Osprey Aircraft	09/01/08 08/31/09	71,073

PFE	1			71,073
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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ALABAMA MICROELECTRONIC SCIENCE TECHNOLOGY CENTER	Lee, S-Y	SAMSUNG	Analysis and Control of Three-Dimensional (3-D) Resist Profile in Electron-Beam Lithography	09/01/08 08/31/11	254,040
	Dean, R.N. Ellis, C.	UNMO/ARMY	Windows Fabrication	09/15/08 09/30/09	175,000
	Wu, C-H	NGIT	Intrusion Resilience and Real-Time Forensics	01/01/09 10/31/09	65,000
	Niu, G.	NASA	Testing & Compact Modeling of Single Event Effects in Emitter Current Sensitive SiGe HBT Circuits	12/10/08 6/10/2009	10,000

AMSTC	4			504,040
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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
Center for Advanced Vehicle Electronics	Dean, R.N.	ARMY	Microsystem Development and Testing	09/23/08 09/30/09	215,499
CAVE	1				215,499

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CENTER FOR IMPACT	Hamilton, J.A.	RAMSLI	RAMS Graduate Assistant Project	05/16/08 05/15/09	26,280
	Gilbert, J.E.	NSF	Incorporating Cultural Tools for Math and Computing Concepts into the Boys & Girls Clubs of America	12/01/08 11/30/11	182,516
	Gilbert, J.E. Seals, C.	NSF	Collaborative Research: BPC-DP: African-American Researchers in Computing Sciences (AARCS)	12/01/08 05/31/10	112,450
	Hamilton, J.A.	NGIT	Mission/Business Effects of Technical Risks and DODAF Information Assurance Architecture	01/01/09 10/31/09	60,000
	Narayanan, N.H.	UW/DOEd	Scaffolding Students use of Multiple Representations for Science Learning	09/01/08 08/30/09	76,868
IMPACT	5				458,114

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
HIGHWAY RESEARCH CENTER	Schindler, A.K.	GCP	Use of Calorimetry to Quantify Setting of Concrete	10/01/08 03/31/09	15,000
	Barnes, R.W. Schindler, A.K.	ALDOT/FHWA	FRP Strengthening of Continuous RC Bridge - Letohatchee, AL	09/19/08 10/31/11	250,000
	Fang, X.	TTU	Establish Effective Lower Bounds of Watershed Slope for Traditional Hydrologic Methods	09/01/08 08/31/09	34,000
HRC	3				299,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
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MATERIALS RESEARCH EDUCATION CENTER					
	Hong, J.W.	KRIBB	A Novel Fluidic Array System for Metabolic Assessments	04/01/08 03/31/09	69,000
	Hong, J.W.	USDA	Nanoliter/Picoliterscale Fluidic Arrays for Rapid Identification of Pathogenic Bacterial Cells	12/01/08 11/30/11	240,000
MREC		2			309,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
NATIONAL CENTER FOR ASPHALT TECHNOLOGY	Watson, D.E.	PRHTA	Testing and Technical Assistance for Puerto Rico Highway and Transportation Authority	01/19/09 02/18/09	18,130
	Heitzman, M.	USDOT	Development of Hot Mix Plant Production Process Control System (AU8-D3)	01/01/09 03/31/10	220,312
	Timm, D.H.	OKDOT	I-35 Instrumentation Project - Phase II	10/01/08 09/30/09	32,797
NCAT		3			271,239

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ALABAMA CENTER FOR PAPER & BIORESOURCE ENGINEERING	Cullinan, H.T. Gupta, R.	PWI	Supercritical Water Oxidation of Primary & Recycle Paper Sludge for Production and Biocrude	10/01/08 09/30/11	750,000
ACPBE		1			750,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
WIRELESS RESEARCH CENTER	Singh, A.D.	NSF	Collaborative Research: CRDS-EHCS(EHS) TM; Dynamic Vertically Integrated Power-Performance Reliability Modulation in Embedded Digital Signal Processors	09/15/08 08/31/10	130,000

WRC	1	130,000
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GRAND TOTAL	31	3,975,086
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