

QUARTERLY AWARDS BETWEEN 10/01/08 and 06/30/09

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CHEMICAL	Wang, J.	NSF	Collaborative Research: GOALI: A New Advanced Process Control Framework for Next-Generation High-Mix Semiconductor Manufacturing	05/01/09 04/30/12	170,025
	Ashurst, W.R.	EMOI/NIST	Integration of High Precision 6DOF Micropositioners with Microscopes for Micrometrology Applications	07/01/09 12/31/09	10,000
	Byrne, M.E.	OI	Extended Release Bandage Lenses	06/15/09 06/14/10	72,752
CHEMICAL		3			252,777

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CIVIL	Lange, C.R.	CDMI	Evaluation of Laccase & Peroxidase Enzyme for Detoxification of Phenols in Refinery Wastewater	04/15/09 10/15/09	24,998
CIVIL		1			24,998

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ELECTRICAL & COMPUTER ENGINEERING	Halpin, S.M.	SCS	Harmonic Analysis Tool Based on PSS/E File Format Input Data	03/12/09 10/31/09	55,000
ELECTRICAL		1			55,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
INDUSTRIAL	Valenzuela, J.	UCA/DOE	Faculty Improvement Leave at Argonne National Laboratory	08/15/09 05/15/10	58,190
INDUSTRIAL		1			58,190

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MECHANICAL

Beale, D.G. Broughton, R.	MSC/NAVY	Army Fragment-Projectile Gun fo: Measuring High Speed Fragment Resistance of Composite Panels	04/06/09 08/31/09	12,000
Flowers, G.T. Ahmed, A. Poster, W.A. Sinclair, A.J.	TBEI/NASA	Aerolastic Effects in Rocket Stability and Control	04/13/09 11/13/09	47,797
Bevly, D.M.	GDRS	Continuation of DRTK Support to GDRS	04/01/09 12/31/09	120,990
Bhavnani, S.H.	NSF	Collaborative Research: Thermally Actuated Pumping Mechanism during Boiling on an Asymmetrically Structured Surface	06/01/09 05/31/12	84,277
Bhavnani, S.H.	NASA	Boiling Heat Transfer Mechanism during Thermally Actuated Pumping by Asymmetric Surface Structure:	06/01/09 05/31/12	48,939
Flowers, G. Dean, R. Chapman, R. Ashurst, W. Baginski, M. Prorok, B.	DIA/MSIC	Academic Open Source Research, Reporting & S&T Studies - Tasks 2-8	06/22/09 06/21/10	309,114

MECHANICAL

6

623,117

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ALABAMA MICROELECTRONIC SCIENCE TECHNOLOGY CENTER					
	Dean, R.N. Johnson, R.W.	ERCI/ARMY	FY09 Custom Integrated Circuit Project	03/11/09 09/30/09	100,000
	Dai, F. Stroud, C.E. Nelson, V.P.	BAESI/DOD	Self-Healing Mixed-Signal SoCs	04/01/09 05/14/09	50,000
AMSTC					150,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
Center for Advanced Vehicle Electronics					
	Lall, P.	NASA	NASA CAVE Membership	09/01/08 08/31/09	75,000
	Suhling, J. Lall, P.	NSF	NSF CAVE Membership (Vortant)	09/01/04 08/31/10	67,500

CAVE 2 142,500

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CENTER FOR IMPACT	Baskiyar, S.	AF	Enhanced Micro-Architectures for Real-Time Application	04/06/09 01/05/10	160,366
	Lim, A.S.	CACI	Development of Compact Sensor Fusion Nodes for Target Detection and Tracking	04/02/09 05/29/09	40,000
	Qin, X.	NSF	QoSec: A Novel Middleware-Based Approach to Teaching Computer Security Courses	06/01/09 05/31/12	149,999

IMPACT 3 350,365

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
HIGHWAY RESEARCH CENTER	Abbas, H.	ALDOT/FHWA	Rapid Replacement of Bridge Decks - Phase V: Laboratory Evaluation of Deck Systems	05/12/09 11/30/11	677,875

HRC 1 677,875

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
MATERIALS RESEARCH EDUCATION CENTER	Fergus, J.W. Simonian, A.	NATO	Advanced Apparatus for Pathogen Detection	11/18/08 12/31/10	35,160
	Hong, J.W.	PNUD	Development of a Novel Biocatalyst Microfluidic System for Marine Bioprocesses	01/01/09 12/31/09	149,656

MREC 2 184,816

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
NATIONAL CENTER FOR ASPHALT TECHNOLOGY	Kvasnak, A.N.	NAS/DOT	NCHRP 09-47A Engineering Properties/Field Performance of Warm Mix Asphalt Technologies	03/01/09 02/28/13	150,000

Bianchini, A.	ALDOT/FHWA	Pavement Condition Model Based on Automated Pavement Distress Surveys	03/12/09 03/31/10	60,422
Kvasnak, A.N.	ISU	Investigation of Warm Mix Asphalt using Aggregates	04/01/09 08/31/10	30,000
Powell, R.L.	ALDOT/FHWA	NCAT Pavement Test Track Reconstruction	05/14/09 11/13/12	2,700,000
West, R.C.	ALDOT/FHWA	Accelerated Performance Testing on the 2009 NCAT Pavement Test Track-Operations	05/14/09 11/13/12	3,081,000
Powell, R.L.	ALDOT/FHWA	Development of a Ride Quality Smoothness Specification and Technical Evaluation	06/03/09 05/31/11	349,821
Powell, R.L.	KPL	Evaluation of Mixture Performance and Structural Capacity of Pavement Utilizing Highly Polymer Modified Base Course	05/01/09 02/29/12	540,000

NCAT	7			6,911,243
GRAND TOTAL	29			9,430,881