

QUARTERLY AWARDS BETWEEN 10/01/06 and 09/30/07

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CHEMICAL	Byrne, M.E.	NSF	Enhancing Molecularly Imprinted Polymer Binding Properties via Reaction Anaysis	09/01/07 08/31/10	223,868
	Davis, V.A.	NSF	NER: Coupled Self-Assembly and Flow Alignment of Inorgani Nanorods (REU)	07/01/07 06/30/08	6,000
CHEMICAL		2			229,868

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CIVIL	Elton, D. Gupta, R.	NSF	Water Stabilization using Microparticles	09/01/07 08/31/10	239,301
CIVIL		1			239,301

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
COMPUTER SCIENCE	Qin, X.	NSF	BUD: A Buffer-Disk Architecture for Energy Conservation in Parallel Disk Systems	07/16/07 03/31/10	299,999
	Narayanan, H.	NSF	Collaborative Research: CPATH CB: Exploring Studio Based Instructional Models for Computing Education	07/15/07 06/30/09	165,206
COMPUTER SCIENCE		2			465,205

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ELECTRICAL & COMPUTER ENGINEERING	Hodel, A.S.	NASA	Metrics for Simulation & Flight Software Assessment and Monitoring of Adapative Control Assistance	07/06/07 07/05/08	44,131
	Halpin, S.	APC	Power System Modeling and Analysis	07/23/07	21,000

				12/15/07	
Halpin, S.	APC	Evaluation of DSTATCOM Technology for Flicker Mitigation	06/15/07 11/30/08	20,000	
Lee, S.Y.	NSF	NER: Fabrication of 3-D Nanoscale Structure of Arbitrary Shape by a Single-Step E-Beam Grayscale	06/15/07 05/31/08	128,703	
Reeves, S.	UAB/NIH	Algorithms for Estimation and Acquisition Design for PARSE fMRI	07/01/07 06/30/08	135,858	
Lee, S-Y	NSF	REU Supplement: NER Fabrication of 3-D Nanoscale Structures of Arbitrary Shape by a Single-Step	06/15/07 05/31/08	11,000	

ELECTRICAL

6

360,692

QUARTERLY AWARDS BETWEEN 10/01/06 and 09/30/07

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
INDUSTRIAL					
	Smith, A.	NSF	Workshop on Women in Industrial Engineering Academia-U.S. and Middle East	09/01/07 08/31/08	60,000
	Thomas, R.	UAB/NIOSH	Occupational Health and Safety Education and Research Center OSE Program	07/01/07 06/30/08	199,489
	Davis, G.	UAB/NIOSH	Occupational Health & Safety Education and Research Center OIPRT Program	07/01/07 06/30/08	98,257
	Park, C.S.	ETRI	An Analysis of the Mobile Market Structure and Industrial Systems in the U.S.	07/01/07 11/30/07	30,000

INDUSTRIAL

4

387,746

QUARTERLY AWARDS BETWEEN 10/01/06 and 09/30/07

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
MECHANICAL					
	Tippur, H.V.	NSF	Collaborative Research: Interactions between a Propagating Matrix Crack and Inclusions in Particulate Composites: Experiments and Modeling	08/15/07 07/31/10	170,297
	Lall, P.	NSF	SGER: Leading Indicators of Failure for Implantable Biological-Applications	09/01/07 08/31/08	50,000
	Bevly, D.	FHA	Intelligent Multi-Sensor Measurements to Enhance Vehicle Navigation and Safety Systems	09/17/07 09/16/09	320,000
	Crocker, M.J.	UNMD/NASA	Prediction of Sound Pressure Field, Space Vehicle & Ground Structural Systems Vibration & Design	10/01/07 09/30/08	55,979

MECHANICAL 4 596,276

QUARTERLY AWARDS BETWEEN 10/01/06 and 09/30/07

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
POLYMER & FIBER ENGINEERING	Buschle-Diller, G.	USDA	Natural Hydrogels from Low-Value Forest Products	09/01/07 02/28/09	87,441

PFE 1 87,441

QUARTERLY AWARDS BETWEEN 10/01/06 and 09/30/07

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
ALABAMA MICROELECTRONIC SCIENCE TECHNOLOGY CENTER	Dean, R.N. Flowers, G. W. Foster	DI/ARMY	Documentation on Open Source Academic Baseline Report (ABR) Analytical Summary Report (ASR)	07/25/07 06/10/08	106,756
	Lee, S-Y	NNFC	Development of Electron-Beam Dose Control Schemes for Fabrication of Grayscale Structures and Dense Arrays of Nanoscale Features	10/01/07 09/30/08	30,000

AMSTC 2 136,756

QUARTERLY AWARDS BETWEEN 10/01/06 and 09/30/07

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
Center for Advanced Vehicle Electronics	Dean, R.	MSL	MEMSense Apache Support	07/09/07 09/26/07	67,659
	Bevly, D.	DCSC	CAVE Affiliate Member Project-RTK System Set-up and GPS Analysis	07/20/07 07/19/08	65,000

CAVE 2 132,659

QUARTERLY AWARDS BETWEEN 10/01/06 and 09/30/07

DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
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CENTER FOR IMPACT

Umphress, D.A.	SAIC	Using Spam Technology to Model Realtime Information Prioritization	08/02/07 12/31/07	25,999
Hamilton, J.A. Chang, K.H.	NSA/DOD	DOD Information Assurance Scholarship Program at AU-Exercise of Option for Annex II	09/10/07 08/22/08	47,118
Yilmaz, L.	NSF	The Synergy of Conflict and Creativity in Open Source Software Development Communities	08/01/07 07/31/08	76,450
Gilbert, J.	NSF	Prime III: Studying Usability & Security in Electronic Voting for Everyone	09/01/07 08/31/08	84,296
Hamilton, J.A. Chang, K.H.	NSA/DOD	DOD Information Assurance Scholarship Program at AU	09/10/07 09/09/08	180,834

IMPACT 5 **414,697**

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
CENTER FOR MICRO. MATERIALS. MANUFACTURING					
	Putt, R.	PPBC	Fabrication of an Air Cathod Pilot Scale Manufacturing Process	07/15/07 07/14/08	13,291
	Tatarchuk, B.	IMI	Advanced Catalyst Structures to Enhance Fischer Tropsch Process, Selective, & Product Yield	06/08/07 04/07/08	49,999
CM3					63,290

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
INFO TECH PEAK					
	Johnson, R.W.	PHC	Silicon Carbide Power Switch Module	06/01/07 06/30/10	94,914
PEAK					94,914

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
MATERIALS RESEARCH EDUCATION CENTER					
	Fergus, J.W.	ACLLC	Microstructure of Ductile Iron Pipe	07/01/07 12/31/07	1,000

	Hong, J.W.	KRIBB	A Novel Nanoliter/Picoliter Fluidic Array System for Metabolic Assessments of Microbes	04/01/07 03/31/08	52,253
	Fergus, J.W.	NSF	Planning Visit to Indonesia for Collaborative use of Neutron Diffraction Facilities	09/01/07 08/31/09	10,541
MREC		3			63,794

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
NATIONAL CENTER FOR ASPHALT TECHNOLOGY					
	Kvasnak, A.N.	PQC	Evaluation of Effects of Various Mixers and Laboratory Procedure for Mixes Containing Aspha-Min	05/18/07 06/15/07	25,000
	Smit, A.D.	ARAI	Highways for Life	10/12/06 05/31/07	7,610
	Kvasnak, A.N.	WAI	Investigation of Foamed Asphalt Stabilization	06/30/07 03/30/08	45,372
	Kvasnak, A.N.	BASFC	Evaluation of SBR Latex-Modified Evotherm Warm Asphalt Mixes	06/18/07 10/17/08	36,808
	West, R.C.	ARAI	AQS Task 4	08/16/06 02/13/07	3,265
	West, R.C.	ARAI	Development of Asphalt Pellets and Mix Design for Stone Matrix Asphalt for RapidRunway Repair	03/01/07 07/31/07	55,727
NCAT		6			173,782

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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 Alternative Fuels Initiative Managed by the Alabama Center for Paper & Bioresource Engineering	08/21/07 09/30/08	500,000
ACPBE		1			500,000

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DEPARTMENT	PI Co-PI	AGENCY	TITLE	DURATION	AMOUNT
WIRELESS RESEARCH CENTER	Agrawal, P.	NSF	I/UCRC: Wireless Research Center for Cross-Layer Optimization of Coexisting Systems	08/01/07 07/31/09	100,000
	Agrawal, V.	NSF	CRI: IAD: Collaborative Research: Electronic Testing Education, Research & Training Infrastructure	10/01/07 09/30/08	334,488
WRC		2			434,488
GRAND TOTAL		44			4,380,909