

AEROSPACE ENGINEERING - Award for Fiscal Year 2002							
Date	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
6-Jul-01	Chopra, Inderjit	STMD	Waiver Acct. for cost share on acct. 5-26751	1/1/01	4/30/02	(\$650,000)	(\$650,000)
12-Jul-01	Chopra, Inderjit	Army.ARO	Innovative Smart Technologies for an Activity Controlled Jet-Smooth Rotorcraft	8/1/96	7/30/02	\$0	\$ (650,000.00)
17-Jul-01	Chopra, Inderjit	NSWC	Methodology Advancements for Helicopter Rotor System Health and Usage Monitoring	6/16/98	2/28/02	\$0	\$ (650,000.00)
20-Jul-01	Wereley, Norman M.	MIPS/ERC	The Smart Rod	8/1/01	7/31/02	\$7,700	\$ (642,300.00)
30-Jul-01	Lewis, Mark J.	NASA/Goddard Space Flight Center	Rarefied Flow Design and Control of Upper-Atmosphere Entry Probes	5/15/99	5/14/02	\$37,000	\$ (605,300.00)
7-Aug-01	Chopra, Inderjit	NASA	IPA - Roy Reichenbach	1/17/99	9/30/01	\$0	\$ (605,300.00)
7-Aug-01	Pines, Darryll J.	NASA	SAMPEX	8/27/99	8/26/02	\$90,000	\$ (515,300.00)
27-Aug-01	Fourney, William	DOD-Navy/ONR	Surfzone and Beachzone Breaching by Explosive Channeling	1/10/97	12/31/01	\$0	\$ (515,300.00)
31-Aug-01	Yu, Kenneth H.	Naval Air Warfare Center	Scramjet Mixing Enhancement Experimental Design and Analysis	3/20/01	1/31/02	\$0	\$ (515,300.00)
31-Aug-01	Yu, Kenneth H.	Naval Air Warfare Center	Scramjet Mixing Enhancement Experimental Design and Analysis	3/20/01	1/31/02	\$0	\$ (515,300.00)
4-Sep-01	Akin, David L.	NASA-Langley	EVA & Robotic Assembly of Large Space	8/20/01	12/19/02	\$20,000	\$ (495,300.00)
4-Sep-01	Akin, David L.	NASA-Langley	EVA & Robotic Assembly of Large Space	8/20/01	12/19/02	\$20,000	\$ (475,300.00)
4-Sep-01	Chopra, Inderjit	NASA-Ames	IPA-George Price	1/9/00	8/31/02	\$145,051	\$ (330,249.00)
5-Sep-01	Lewis, Mark J.	DOD-Army/ARO	Small-Scale Propulsion for Jump Augmentation	1/4/00	4/30/02	\$25,000	\$ (305,249.00)
7-Sep-01	Pines, Darryll J.	NASA-Goddard	NASA(GSRP) Feasibility of Atmospheric Penetration for Satellite Formation	1/7/00	6/30/02	\$22,000	\$ (283,249.00)
7-Sep-01	Pines, Darryll J.	NASA-Goddard	NASA(GSRP) Feasibility of Atmospheric Penetration for Satellite Formation	1/7/00	6/30/02	\$22,000	\$ (261,249.00)
11-Sep-01	Atkins, Ella	NASA - Goddard	Optimal Planning and Control of a Virtual Body Satellite	9/15/01	9/14/02	\$82,630	\$ (178,619.00)
11-Sep-01	Vizzini, Anthony J.	Universities - Wichita State University	Damage Tolerance of Composite Sandwich Airframe Structures	1/4/01	3/31/02	\$0	\$ (178,619.00)
13-Sep-01	Lewis, Mark J.	NASA-Goddard	Rarefied Flow Effects for Dynamics and Control of Format	1/9/00	8/31/02	\$75,000	\$ (103,619.00)
13-Sep-01	Lewis, Mark J.	NASA-Goddard	Rarefied Flow Effects for Dynamics and Control of Format	1/9/00	8/31/02	\$75,000	\$ (28,619.00)
19-Sep-01	Fourney, William	DOD - Navy/ONR	Surfzone and Beachzone Breaching by Explosive Channeling	1/10/97	3/31/02	\$0	\$ (28,619.00)
19-Sep-01	Fourney, William	DOD - Navy/ONR	Surfzone and Beachzone Breaching by Explosive Channeling	1/10/97	3/31/02	\$0	\$ (28,619.00)
5-Oct-01	Baeder, James D.	Zona Technology	Determining Available Methods in Unsteady Transonic Flow	10/1/99	10/31/01	\$ 2,200.00	\$ (26,419.00)
3-Oct-01	Yu, Kenneth H.	DOD- Navy/ONR	Combustion Control Colloquium	8/27/01	9/30/02	\$ 14,000.00	\$ (12,419.00)
3-Oct-01	Yu, Kenneth H.	Naval Air Warfare Center	Scramjet Mixing Enhancement Experimental Design and Analysis	3/20/01	1/31/02	\$ -	\$ (12,419.00)
3-Oct-01	Lewis, Mark J.	DOD- Air Force	Tech Support to Tunnel 9	9/20/01	9/20/06	\$ 50,000.00	\$ 37,581.00
12-Oct-01	Chopra, Inderjit	NASA	IPA-Roy Reichenbach	1/17/99	11/3/01	\$ -	\$ 37,581.00
17-Oct-01	Wereley, Norman M.	Systems Planning Analysis	MIPS-Damper Technology for Shock...Non Disclosure Agreement	9/18/01	5/23/04	\$ -	\$ 37,581.00
19-Oct-01	Wereley, Norman M.	DOD- Air Force	Magnetorheological Phenomenon in Iron Based Ferrofluids	10/1/01	12/31/01	\$ 10,000.00	\$ 47,581.00
29-Oct-01	Lee, Sung W.	DOD- Navy/ONR	Nonlinear Response and Integrity of Composite Sandwich	6/17/96	1/31/03	\$ 60,000.00	\$ 107,581.00
30-Oct-01	Wereley, Norman M.	Materials Modification, Inc.	Magnetorheological Fluids for Sensor/Actuator Systems	10/15/01	10/14/03	\$ 150,000.00	\$ 257,581.00
2-Nov-01	Wereley, Norman M.	DOD-Air Force	Magnetorheological Phenomenon in Iron Based Ferrofluids	10/1/01	12/31/01	\$ -	\$ 257,581.00

CIVIL AND ENVIRONMENTAL ENGINEERING - Award for Fiscal Year 2002							
Date	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
5-Jul-01	Amde Amde M.	Education	Graduate Assistance in Areas of National Need	8/15/01	8/14/02	\$115,428	\$115,428
5-Jul-01	Frankle, Kathleen	MD State Highway Administration	Technical Support for the Maryland Development and Operation of the State's Intelligent Transportation Work Order 20	10/1/99	12/31/01	\$27,524	\$ 142,952.00
5-Jul-01	Tarnoff, Philip	State Highway Administration	Technical Support for the MD Development and Operation of the state's ITS for year 4	1/21/98	1/20/03	(\$27,524)	\$ 115,428.00
20-Jul-01	Davis, Allen P.	Maryland State Highway Administration	Low Impact Development Implementation Studies-Continuation	7/12/01	7/11/02	\$49,885	\$ 165,313.00
23-Jul-01	Plaisant, Catherine	SHA	Tech Support for MD Development and Operation of MD State ITS	1/1/00	12/31/01	\$0	\$ 165,313.00
24-Jul-01	Frankle, Kathleen	State Highway Administration	Introduction to the National ITS Architecture web-based course	7/31/00	12/31/01	\$0	\$ 165,313.00
24-Jul-01	Nelson, Donna C.	Maryland State Highway Administration	MUTCD Training Coordination	7/1/01	6/30/02	\$20,031	\$ 185,344.00
24-Jul-01	Schwartz, Charles W.	MD Department of Transportation	Advanced Pavement and Materials Technical Assistance	4/3/01	4/2/04	\$15,007	\$ 200,351.00
24-Jul-01	Schwartz, Charles W.	MD Department of Transportation	Technical Support for Ride Quality Specification	7/1/01	2/28/02	\$15,007	\$ 215,358.00
27-Jul-01	Frankle, Kathleen	Maryland SHA	NHI Hosting	8/1/01	n/a	\$0	\$ 215,358.00
27-Jul-01	Frankle, Kathleen	STMD-MDOT/SHA	Work Order #32 Intermodal Passenger Operations & ITS	8/1/00	12/31/02	\$0	\$ 215,358.00
27-Jul-01	Tarnoff, Philip	MD SHA	Technical Support for the MD Development and Operations to the State's Intelligence	1/21/98	1/20/03	\$10,000,000	\$ 10,215,358.00
27-Jul-01	Torrents, Alba	NSF	CAREER: Immobilization of Enzymes for Detoxification of Organic Compounds	2/1/98	6/30/02	\$8,125	\$ 10,223,483.00
7-Aug-01	Prevots, Jeanette B.	ITS Maryland	ITS MD Membership Administrative Services	1/1/01	12/31/01	\$4,631	\$ 10,228,114.00
9-Aug-01	Frankle, Kathleen	Maryland SHA	NHI Hosting	1/8/01	1/20/03	\$174,431	\$ 10,402,545.00
9-Aug-01	Tarnoff, Philip	Maryland Department of Transportation	Technical Support for the MD Development and Operation of the State's Intelligent Transportation System (ITS)	1/21/98	1/20/03	(\$174,431)	\$ 10,228,114.00
13-Aug-01	Frankle, Kathleen	STMD - MDOT/SHA	I-95 Corridor Coalition Project Manager Salary	1/4/01	3/31/03	\$0	\$ 10,228,114.00
20-Aug-01	Gabriel, Steven A.	National Science Foundation	Computational Methods for Equilibrium Problems with Micro-Level Data	1/9/01		\$0	\$ 10,228,114.00
20-Aug-01	Torrents, Alba	USDA - ARS	Developing New Methods to Predict the Fate of Agrochemicals in the Chesapeake Bay Watershed	3/15/99	3/14/04	\$10,600	\$ 10,238,714.00
20-Aug-01	Torrents, Alba	ASDA-ARS	Developing New Methods to Predict the Fate of Agrochemicals in the Chesapeake Bay Watershed	3/15/99	3/14/04	\$10,600	\$ 10,249,314.00
22-Aug-01	Jacobs, Thomas Hans	STMD-MDOT/SHA	Work Order #16 of MD SHA ITS TECH Support Contract	8/17/99	12/31/01	\$0	\$ 10,249,314.00
22-Aug-01	Nelson, Donna C.	STMD-MDOT/SHA	Development of Technical Assistance in Research and...	10/23/97	12/31/01	(\$28,849)	\$ 10,220,465.00
22-Aug-01	Nelson, Donna C.	STMD-MDOT/SHA	National Capital Region Incident Mgt. Conference	7/19/01	12/31/01	\$28,849	\$ 10,249,314.00
28-Aug-01	Moglen, Glenn E.	STMD - MDOT/SHA	Evaluation of Alternative Statistical Methods for Estimating Frequency of Peak Flow in Maryland	10/18/99	1/15/02	\$0	\$ 10,249,314.00
30-Aug-01	Aggour, Mohamed S.	DOT-FHA	Design of Hot Mix Asphalt Using Computer Tech/Fellowship for Haleh Azari	1/8/99	1/8/02	\$1,175	\$ 10,250,489.00
31-Aug-01	Aggour, Mohamed S.	DOT-FHA	Design of Hot Mix Asphalt Using Computer Tech/Fellowship for Haleh Azari	1/8/99	1/8/02	\$35,000	\$ 10,285,489.00
31-Aug-01	Albrecht, Pedro	Corporations-Professional Services, Inc.	Fracture Toughness and HPS Steels	1/7/00	9/30/01	\$21,035	\$ 10,306,524.00
31-Aug-01	Albrecht, Pedro	Corporations-Professional Services, Inc.	Fracture Toughness and HPS Steels	1/7/00	9/30/01	\$21,035	\$ 10,327,559.00
31-Aug-01	Nelson, Donna C.	STMD-MDOT/SHA	MUTCD Training Coordination	1/7/01	6/30/02	\$5,000	\$ 10,332,559.00
4-Sep-01	Witczak, Matthew W.	Councils-National Cooperative Highway Research Program	Superpave Support and Performance Models Management	10/5/99	9/8/03	\$401,323	\$ 10,733,882.00
7-Sep-01	Jacobs, Thomas Hans	DOJ-National Institute Justice	National Institute of Justice CapWIN	1/3/01	2/28/02	\$175,278	\$ 10,909,160.00
7-Sep-01	Jacobs, Thomas Hans	DOJ-National Institute Justice	National Institute of Justice CapWIN	1/3/01	2/28/02	\$175,278	\$ 11,084,438.00
13-Sep-01	Frankle, Kathleen	Education	Consortium for ITS Training and Education	1/9/01		\$0	\$ 11,084,438.00
13-Sep-01	Frankle, Kathleen	Education	Consortium for ITS Training and Education	1/9/01		\$0	\$ 11,084,438.00
13-Sep-01	Gabriel, Steven A.	National Science Foundation	Computational Methods for Equilibrium Problems with Micro-Level Data	1/9/01	8/31/04	\$239,131	\$ 11,323,569.00

13-Sep-01	Gabriel, Steven A.	National Science Foundation	Computational Methods for Equilibrium Problems with Micro-Level Data	1/9/01	8/31/04	\$239,131	\$ 11,562,700.00
13-Sep-01	Lovell, David J.	National Science Foundation	SGER - 3-D Sight Distance Calculation	1/1/02	12/31/02	\$57,571	\$ 11,620,271.00
13-Sep-01	Lovell, David J.	National Science Foundation	SGER - 3-D Sight Distance Calculation	1/1/02	12/31/02	\$57,571	\$ 11,677,842.00
17-Sep-01	Lovell, David J.	STMD - MDOT/SHA	Highway Design Optimization and Rural Interchange...	5/1/00	6/30/01	\$0	\$ 11,677,842.00
17-Sep-01	Schonfeld, Paul M.	STMD - MDOT/SHA	Detailed Highway Design Optimization	5/1/00	4/10/00	\$0	\$ 11,677,842.00
20-Sep-01	Brubaker, Kave L.	COMM-NOAA	Analysis of Atmospheric Water Cycling Over the United States	1/4/99	6/30/02	\$106,345	\$ 11,784,187.00
20-Sep-01	Brubaker, Kave L.	COMM-NOAA	Analysis of Atmospheric Water Cycling Over the United States	1/4/99	6/30/02	\$106,345	\$ 11,890,532.00
26-Sep-01	Nelson, Donna C.	STMD - MDOT/TSD	Highway Safety Training for Local Agencies	1/10/01	9/30/02	\$40,000	\$ 11,930,532.00
26-Sep-01	Nelson, Donna C.	STMD-MDOT/SHA	Highway Safety Training for Local Agencies	1/10/01	9/30/02	\$40,000	\$ 11,970,532.00
28-Sep-01	Brubaker, Kave L.	STMD-MDOT/SHA	Estimation of Long-Term Scour in Maryland with EFA/SRICOS	8/30/01	8/29/02	\$39,493	\$ 12,010,025.00
5-Oct-01	Davis, Allen P.	STMD-MDOT/SHA	Low Impact Development Implementation Studies-Continuation	9/15/00	12/31/01	\$ -	\$ 12,010,025.00
8-Oct-01	Cable, John	STMD-MDOT/SHA	Prepare and Deliver Project Management Classes	10/1/01	9/30/02	\$ 30,189.00	\$ 12,040,214.00
8-Oct-01	Ayyub, Bilal M.	New Orleans University	LRFD RULES for Ship Structures	10/1/99	10/31/01	\$ -	\$ 12,040,214.00
8-Oct-01	Frankle, Kathleen	Education	Consortium for ITS Training and Education	9/1/01	9/30/04	\$ 701,584.00	\$ 12,741,798.00
8-Oct-01	Nelson, Donna C.	STMD-MDOT/SHA	Development of Technical Assistance in Research and...	10/23/97	12/31/01	\$ (12,826.00)	\$ 12,728,972.00
8-Oct-01	Nelson, Donna C.	STMD-MDOT/SHA	Evaluation of Snowplowable Raised Pavement Mark	10/1/01	12/31/01	\$ 12,826.00	\$ 12,741,798.00
16-Oct-01	Tarnoff, Philip	STMD-MDOT/SHA	Technical Support for the MD Development and Operation	1/21/98	1/20/03	\$ (25,000.00)	\$ 12,716,798.00
16-Oct-01	Frankle, Kathleen	STMD-MDOT/SHA	W.O. #44: Maryland SHA Operators Course	9/1/01	8/30/02	\$ 25,000.00	\$ 12,741,798.00
17-Oct-01	Haghani, Ali	STMD-MDOT/SHA	On-Site Research Support for SHA	10/1/01	9/30/02	\$ 112,013.00	\$ 12,853,811.00
19-Oct-01	Schwartz, Charles W.	Arizona State University	Development of the 2002 Guide for the Design of New and...	7/1/99	7/31/02	\$ 9,000.00	\$ 12,862,811.00
24-Oct-01	Lovell, David J.	NSF	SGER - 3-D Sight Distance Calculation	11/1/01	12/31/02	\$ -	\$ 12,862,811.00
25-Oct-01	Nelson, Donna C.	STMD-MDOT/SHA	T.O.13: Evaluation of Snowplowable Raised Pavement Mark	10/1/01	12/31/02	\$ -	\$ 12,862,811.00
25-Oct-01	Nelson, Donna C.	STMD-MDOT/SHA	Development of Technical Assistance in Research and...	10/23/97	12/31/02	\$ -	\$ 12,862,811.00
30-Oct-01	Schwartz, Charles W.	STMD-MDOT/SHA	T.O #1: 2002 Pavement Design Guide Workshop	5/1/01	12/31/01	\$ -	\$ 12,862,811.00
31-Oct-01	Nelson, Donna C.	STMD-MDOT/SHA	National Capital Region Incident Mgt. Conference	7/19/01	12/31/01	\$ 3,100.00	\$ 12,865,911.00
1-Nov-01	Brubaker, Kave L.	D.C Dept of Health	Model of Sediment Loads and Transports for Watts Branch	8/4/00	12/31/01	\$ -	\$ 12,865,911.00
1-Nov-01	Chang, Gang-Len	STMD-MDOT/SHA	Interrelations Between Diversion Rates/VMS Messages	9/21/00	4/20/02	\$ -	\$ 12,865,911.00
1-Nov-01	Torrents, Alba	New Hampshire University	Atmospheric Deposition of Currently used Pesticides to...	9/1/01	8/31/03	\$ 97,603.00	\$ 12,963,514.00
14-Nov-01	Ayyub, Bilal M.	New Orleans University	LRFD RULES for Ship Structures	10/1/99	10/31/02	\$ 105,000.00	\$ 13,068,514.00
8-Nov-01	Brubaker, Kave L.	NASA-Goddard	Remote Sensing of River Height and Discharge: Data...	3/1/01	12/31/01	\$ -	\$ 13,068,514.00
8-Nov-01	Brubaker, Kave L.	D.C Dept of Health	Model of Sediment Loads and Transports for Watts Branch	8/4/00	8/3/01	\$ -	\$ 13,068,514.00

<b>CHEMICAL ENGINEERING - Award for Fiscal Year 2002</b>							
<b>Date</b>	<b>Investigator</b>	<b>Sponsor</b>	<b>Title</b>	<b>Start</b>	<b>End</b>	<b>Amount</b>	<b>Total Amount</b>
7/2/01	Sengers, J.	NSF	Experimental Study of Critically and Crossover Phenomena in Complex Fluid Mixtures	8/1/98	7/31/02	\$0	\$0
8/16/01	Greer, Sandra C.	National Science Foundation	Physical Chemistry of Multicomponent Polymer Solution	8/15/01	7/31/02	\$355,000	\$ 355,000.00
9/19/01	Ehrman, Sheryl H.	Societies - American Chemical Society/Petroleum Research Fund	Capillary Condensation: New Gas-Phase to Nanostructured Porous Catalysts	1/9/01	8/31/03	\$25,000	\$ 380,000.00
9/19/01	Ehrman, Sheryl H.	Societies - American Chemical Society/Petroleum Research Fund	Capillary Condensation: New Gas-Phase to Nanostructured Porous Catalysts	1/9/01	8/31/03	\$25,000	\$ 405,000.00

ELECTRICAL AND COMPUTER ENGINEERING - Award for Fiscal Year 2002							
Date	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
7/2/01	Bhattacharyya Shurva	USC/DARPA	Component-based Analysis, Verification and Mapping for...	6/21/01		\$0	\$ -
7/5/01	Zaki, Kawthar	NIST	Collaboration with NIST on one Aspect of ECCS	5/1/02	12/31/01	\$24,500	\$ 24,500.00
7/9/01	Ramaswamy, Lalitha	US Army Research Laboratory	Nano-Scale Investigation for Environmentally Benign Explosives and Propellants	7/15/01	12/31/01	\$75,000	\$ 99,500.00
7/9/01	Zaki, Kawthar	MIPS/K&L Microwave	Development of Delay Line Filters and Components on High Dielectric Substrate Materials	8/1/00	7/31/02	\$0	\$ 99,500.00
7/10/01	Davis, Christopher	Army/ARL	Near-Field Optical Probes for Real-Time Biodetection	6/29/01	6/28/02	\$200,000	\$ 299,500.00
7/10/01	Liu, K. J. Ray	NSF	Young Investigator Awards Program-Request for Continuation	9/1/94	8/31/02	\$0	\$ 299,500.00
7/12/01	Gomez, Romel	NSF	NSF CAREER Program:Nano-Contact Magnetic Random Access	8/1/01	7/31/02	\$77,118	\$ 376,618.00
7/18/01	Franklin, Manoj	NSF	Career: Transcending the Limits of ILP Processing	3/1/99	7/31/02	\$0	\$ 376,618.00
7/19/01	Yang, Chia-Hung	National Research Laboratory	Nanometer-Scale Patterns on Quantum Well Structures	6/19/01	7/31/01	\$20,000	\$ 396,618.00
7/23/01	Baras, John	Lockheed Martin corp.	Efficient Security Schemes for Satellite Multicast Services	2/1/00	6/30/02	\$70,000	\$ 466,618.00
7/24/01	Bhattacharyya Shurva	U.C. Berkeley	Subcontract from U.C. Berkeley	7/1/01	6/30/03	\$50,000	\$ 516,618.00
7/27/01	Bhattacharyya Shurva	Brown University	In-Focus:Interdisciplinary Nano-structure Free-Space Opto-Electronic Concepts for Use in Systems-On a Chip	7/1/00	6/30/04	\$110,008	\$ 626,626.00
7/27/01	Zaki, Kawthar	MIPS/Reactel	Development of an Automated Tuning Procedure of...	8/1/00	7/31/02	\$0	\$ 626,626.00
7/27/01	Baras, John	MIPS	Scalable Two-Way Broadband Satellite Internet Services	8/1/00	7/31/02	\$70,000	\$ 696,626.00
7/27/01	Baras, John	MIPS/APEX Eclipse	Telecommunication Signal to Noise Improvement	8/1/01	7/31/02	\$7,778	\$ 704,404.00
8/7/01	Lee, Chi Hsiang	Northrop Grumman	Optical A/D Converter Components Development for DARPA Photonic A/D Converter Technology Program	2/8/99	1/8/02	\$85,000	\$ 789,404.00
8/9/01	Ghodssi, Reza	National Science Foundation	MRI: Acquisition of An Alinger and Bonder Instrument	1/9/01	8/31/02	\$239,405	\$ 1,028,809.00
8/14/01	Iliadis, Agis	DOD - Army/ARO	Request for Support and Sponsorship for the ISDRS '01	1/9/01	12/31/01	\$10,000	\$ 1,038,809.00
8/14/01	Reiser, Martin	DOE - Chicago	Research on the Physics of Space-Charge Dominated Beams	8/15/94	5/14/02	\$69,000	\$ 1,107,809.00
8/14/01	Shamma, Shihab	DOD - Navy/ONR	Supplement to the Annual Telluride Workshop on Neuromorphic Engineering	8/31/00	8/30/03	\$25,000	\$ 1,132,809.00
8/16/01	Abed, Eyad	National Science Foundation	Stability Monitoring and Control of Power Systems	8/15/01	7/31/04	\$149,441	\$ 1,282,250.00
8/22/01	Kalluri, Sridhar	HHS-PHS/NIH	NIH Individual National Research Service Award for Sridhar Kalluri	1/9/01	8/31/02	\$34,832	\$ 1,317,082.00
8/22/01	Kalluri, Sridhar	HHS-PHS/NIH	NIH Individual National Research Service Award for Sridhar Kalluri	1/9/01	8/31/02	\$34,832	\$ 1,351,914.00
8/22/01	Abed, Eyad	Universities - Virginia Polytechnic Institute	Non-linear Active Control of Dynamical Systems	1/7/96	12/31/01	\$0	\$ 1,351,914.00
8/22/01	Abed, Eyad	Universities - Virginia Polytechnic Institute	Non-linear Active Control of Dynamical Systems	1/7/96	12/31/01	\$0	\$ 1,351,914.00
8/27/01	Tassioulas, Leandros	National Science Foundation	REU Proposal to Supplement Wireless Access Control for Optimal Special Efficiency	1/9/95	9/30/01	\$0	\$ 1,351,914.00
8/27/01	Tassioulas, Leandros	National Science Foundation	REU Proposal to Supplement Wireless Access Control for Optimal Special Efficiency	1/9/95	9/30/01	\$0	\$ 1,351,914.00
8/27/01	Shamma, Shihab	CIA	A Wireless Address Event Representation...	8/13/01	12/8/03	\$200,000	\$ 1,551,914.00
8/28/01	Newcomb, Robert W.	National Science Foundation	Remotely Powered Arrays of Active Strain-Gauge Wall Sensors	1/8/01		\$0	\$ 1,551,914.00
8/29/01	Lee, Chi Hsiang	DOD-MD. Procurement of	Joint Program for Advanced Electronic Materials	2/10/98	1/10/02	\$486,500	\$ 2,038,414.00
8/29/01	Ghodssi, Reza	Corporations-HoneyWell Engines and Systems	Collaborative Technology Alliances	5/31/01	9/30/01	\$24,200	\$ 2,062,614.00
8/30/01	Newcomb, Robert W.	Corporations-Axcelis Technologies	Bilateral Confidentiality Agreement	11/8/01	10/8/04	\$0	\$ 2,062,614.00
8/31/01	Oruc, Yavaz	National Science Foundation	IPA Agreement for Dr. Oruc with NSF	9/18/00	9/17/02	\$103,261	\$ 2,165,875.00
8/31/01	Yang, Chia-Hung	DOD-Navy/NRL	Nanometer-Scale Patterns on Quantum Well Structures	6/19/01	7/31/01	\$20,000	\$ 2,185,875.00
8/31/01	Yang, Chia-Hung	DOD-Navy/NRL	Nanometer-Scale Patterns on Quantum Well Structures	6/19/01	7/31/01	\$20,000	\$ 2,205,875.00

9/4/01	Davis, Christopher	Corporations-Corning, Inc. Photonics Division	Inspection and Analysis of Fiber Optic Equipment	8/20/01	8/19/02	\$5,255	
							\$ 2,211,130.00
9/4/01	Espy-Wilson, Carol Y.	HHS-PHS/NIH	Studies of Speech Communication	1/9/01	5/31/02	\$26,807	\$ 2,237,937.00
9/4/01	Liu, K. J. Ray	Corporations-Fujitsu	Location Aware Computing Using Smart Antennas	12/8/01		\$0	\$ 2,237,937.00
9/4/01	Liu, K. J. Ray	Corporations-Fujitsu	Location Aware Computing Using Smart Antennas	12/8/01		\$0	\$ 2,237,937.00
9/4/01	Yang, Chia-Hung	DOD-Navy/NRL	Nanometer-Scale Patterns on Quantum Well Structures	6/19/01	12/31/01	\$0	\$ 2,237,937.00
9/5/01	Davis, Christopher	Corporations-Corning, Inc. Photonics Division	Inspection and Analysis of Fiber Optic Equipment	8/20/01	8/19/02	\$0	\$ 2,237,937.00
9/5/01	Davis, Christopher	Corporations-Corning, Inc. Photonics Division	Inspection and Analysis of Fiber Optic Equipment	7/25/01	7/24/02	\$17,200	\$ 2,255,137.00
9/5/01	Davis, Christopher	Corporations-Corning, Inc. Photonics Division	Inspection and Analysis of Fiber Optic Equipment	8/20/01	8/19/02	\$0	\$ 2,255,137.00
9/5/01	Davis, Christopher	Corporations-Corning, Inc. Photonics Division	Inspection and Analysis of Fiber Optic Equipment	7/25/01	7/24/02	\$17,200	\$ 2,272,337.00
9/5/01	Gomez, Romel	DOD-Navy/NSWC	Effect of Vapor Phase Corrosion Inhibitor (VCI) Emitters	1/6/01	9/30/01	\$0	\$ 2,272,337.00
9/5/01	Lee, Chi Hsiang	DOD-MD. Procurement of	High Speed Photoconductors	11/19/98	9/30/02	\$0	\$ 2,272,337.00
9/10/01	Davis, Christopher	Corporations-Corning, Inc. Photonics Division	Inspection and Analysis of Fiber Optic Equipment	7/25/01	7/24/02	\$884	\$ 2,273,221.00
9/10/01	Newcomb, Robert W.	National Science Foundation	Remotely Powered Arrays of Active Strain-Gauge Wall Sensors	1/8/01	8/31/02	\$100,000	\$ 2,373,221.00
9/11/01	Goldhar, Julius	DOD - MD Procurement of	All-Optical Header Recognition Using Ultra Fast...	9/22/00	12/31/01	\$0	\$ 2,373,221.00
9/11/01	Goldhar, Julius	DOD - MD Procurement of	All-Optical Header Recognition Using Ultra Fast...	9/22/00	12/31/01	\$0	\$ 2,373,221.00
9/14/01	Iliadis, Agis	National Science Foundation	Request for Support and Sponsorship for the ISDRS '01	8/15/01	7/31/02	\$8,000	\$ 2,381,221.00
9/14/01	Iliadis, Agis	National Science Foundation	Request for Support and Sponsorship for the ISDRS '01	8/15/01	7/31/02	\$8,000	\$ 2,389,221.00
9/14/01	Baras, John	Corporations-MIPS	Adaptive Distributive Network Monitoring for Performance and Fault Management	1/2/99	9/30/01	\$0	\$ 2,389,221.00
9/14/01	Baras, John	Corporations-MIPS	Adaptive Distributive Network Monitoring for Performance and Fault Management	1/2/99	9/30/01	\$0	\$ 2,389,221.00
9/14/01	Narayan, Prakash	National Science Foundation	An Information Theoretic Approach to Secret Key Generation for Encrypted Communication in a Network	1/1/02	12/31/04	\$371,049	\$ 2,760,270.00
9/14/01	Narayan, Prakash	National Science Foundation	An Information Theoretic Approach to Secret Key Generation for Encrypted Communication in a Network	1/1/02	12/31/04	\$371,049	\$ 3,131,319.00
9/20/01	Farvardin, Nariman	DOD - MD Procurement of	Research Support Group	3/16/98	10/15/01	\$0	\$ 3,131,319.00
9/20/01	Farvardin, Nariman	DOD - MD Procurement of	Research Support Group	3/16/98	10/15/01	\$0	\$ 3,131,319.00
9/27/01	Larsen, Ronald	STMD - State of Maryland	Maryland Applied Information Technology Initiative	1/7/98	12/31/02	\$493,000	\$ 3,624,319.00
10/5/01	Espy-Wilson, Carol Y.	NSF	A Knowledge based Speech Signal Representations	8/31/01	12/31/01	\$ 18,547.00	\$ 3,642,866.00
10/29/01	Ghodssi, Reza	HoneyWell Engines and Systems	Collaborative Technology Alliances	5/31/01	9/30/02	\$ 24,500.00	\$ 3,667,366.00
10/30/01	Farvardin, Nariman	DOD- MD. Procurement of	Research Support Group	3/16/98	12/31/01	\$ 64,922.00	\$ 3,732,288.00
11/14/01	Destler, William	DOD- Army/Army Res. Lab	Power & Energy Electronic Research (PEER)	9/28/99	12/31/04	\$ 5,000.00	\$ 3,737,288.00
11/14/01	Destler, William	DOD- Army/Army Res. Lab	Power & Energy Electronic Research (PEER)	9/28/99	12/31/04	\$ (150,000.00)	\$ 3,587,288.00
11/14/01	Destler, William	DOD- Army/Army Res. Lab	Power & Energy Electronic Research (PEER)	9/28/99	12/31/04	\$ (5,000.00)	\$ 3,582,288.00
11/14/01	Destler, William	DOD- Army/Army Res. Lab	Power & Energy Electronic Research (PEER)	9/28/99	12/31/04	\$ 150,000.00	\$ 3,732,288.00
11/6/01	Goldsmann, Neil	DOD- Navy.ONR	Robust Design of Wide Bandgap Power Devices	5/1/00	4/30/03	\$ 106,264.00	\$ 3,838,552.00
11/6/01	Bhattacharyya Shurva	NSF	Programmable DSP Architectures for Digital Communications	1/15/98	12/31/02	\$ -	\$ 3,838,552.00
11/16/01	Ephremides, Antony	DOD- Navy.ONR	Qos-Aware Joint Routing/ACCESS-Control, in AD HOC	12/1/00	8/31/02	\$ 64,000.00	\$ 3,902,552.00
11/16/01	Farvardin, Nariman	DOD- MD. Procurement of	Research in Optics and Optoelectronics- Distinguished	6/17/98	3/31/02	\$ 66,687.00	\$ 3,969,239.00

11/16/01	Farvardin, Nariman	DOD-MD. Procurement of	Research Support Group	3/16/98	12/31/01	\$ -	\$ 3,969,239.00
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ENGINEERING RESEARCH CENTER - Award for Fiscal Year 2002							
Date	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
7/16/01	Thornton, Karen S.	NCIIA	NCIIA Course and Program Grants Proposal	3/1/01	8/31/03	\$17,900	\$17,900
7/19/01	Walton, William Travis	NIST	Maryland Technology Extension Service	9/1/98	8/31/01	\$0	\$ 17,900.00
8/9/01	Thornton, Karen S.	NCIIA	NCIIA Course and Program Grants Proposal	1/3/01	8/31/03	\$14,600	\$ 32,500.00
8/10/01	Hawkins, Ronald W.	TEDCO	Federal Labouratory Partnership Program	7/1/00	6/30/02	\$29,427	\$ 61,927.00
8/22/01	Walton, William Travis	Corporations	BMP Center Facilities and Telephones	10/1/98	8/17/02	\$0	\$ 61,927.00

FIRE PROTECTION ENGINEERING - Award for Fiscal Year 2002							
Date	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
7/10/01	Quintere, James	Vtec Laboratories Inc.	Scaling for Water Mist Fire Suppression	9/1/00	8/31/01	(\$40,000)	(\$40,000)
7/10/01	Quintere, James	Vtec Laboratories Inc.	Scaling for Water Mist Fire Suppression	9/1/00	8/31/01	\$40,000	\$ -
7/12/01	Quintere, James	Vtec Laboratories Inc.	Scaling for Water Mist Fire Suppression	9/1/00	12/31/01	\$0	\$ -
8/7/01	Quintere, James	NIST	Application of CFD Modeling to Room Fire Growth on Walls and Ceilings	9/28/99	9/27/02	\$78,089	\$ 78,089.00
8/10/01	Milke, James A.	Duke Energy Company	Impact of Missing Protection on Steel Columns	7/31/01	12/31/01	\$15,000	\$ 93,089.00
8/21/01	Milke, James A.	COMM-NIST	Analysis of Fire Signature Data	8/15/01	8/14/02	\$65,490	\$ 158,579.00
9/5/01	Quintere, James	DOE-Department of Energy	Terascale High-Fidelity Simulations of Turbulent Combust	1/9/01	8/31/04	\$73,430	\$ 232,009.00
9/5/01	Quintere, James	DOE-Department of Energy	Terascale High-Fidelity Simulations of Turbulent Combust	1/9/01	8/31/04	\$73,430	\$ 305,439.00
9/20/01	Milke, James A.	Other Federal - Office of Compliance	Safety Compliance in Legislative Buildings	9/30/98	3/31/02	\$6,000	\$ 311,439.00
9/20/01	Milke, James A.	Other Federal - Office of Compliance	Safety Compliance in Legislative Buildings	9/30/98	3/31/02	\$6,000	\$ 317,439.00
9/27/01	Mowrer, Frederick W.	Other Federal - U.S. Consumer Product Safety Commission	Ignition Characteristics of Various Fire Indicators	9/13/01	7/31/02	\$9,833	\$ 327,272.00
9/27/01	Mowrer, Frederick W.	National Science Foundation	World Trade Center Post-Disaster Fire Reconnaissance	1/10/01	9/30/02	\$15,000	\$ 342,272.00
10/5/01	Kashiwagi, Taka	NASA	Transition from Ignition to Flame Growth Under..	10/1/01	9/30/05	\$ 69,300.00	\$ 411,572.00
10/30/01	Quintere, James	DOE- Chicago	Terascale High-Fidelity Simulations of Turbulent Combust	9/1/01	8/31/04	\$ -	\$ 411,572.00
11/1/01	Trouve, Arnaud	DOE- Chicago	Terascale High-Fidelity Simulations of Turbulent Combust	9/1/01	8/31/04	\$ -	\$ 411,572.00

INSTITUTE FOR PLASMA RESEARCH - Award for Fiscal Year 2002							
Date	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
8/10/01	Reiser, Martin	DOE	Accelerator Research Studies (Tasks A & B)	6/1/94	5/31/03	\$740,000	\$740,000
8/10/01	Reiser, Martin	DOE	Accelerator Research Studies (Tasks A & B)	6/1/94	5/31/03	\$570,000	\$ 1,310,000.00
8/14/01	Carmel, Yuval	Cummins Engine Co.	Determine Methods of Completely Combusting Carbon Collected on a Complex 3D Filter with the Lowest Possible Energy Consumption	2/26/01	11/30/01	\$8,181	\$ 1,318,181.00
8/14/01	Carmel, Yuval	Cummins Engine Co.	Microwave Properties Research	3/11/00	12/31/01	\$11,868	\$ 1,330,049.00
8/14/01	Reiser, Martin	DOE - Chicago	Research on the Physics of Space-Charge Dominated Beams	8/15/94	5/14/02	\$69,000	\$ 1,399,049.00
9/4/01	Carmel, Yuval	DOD-AF/AFOSR Bolling	Investigation of Basic Physics Processes in the Pastron HPM Source	12/15/98	11/30/01	\$0	\$ 1,399,049.00
9/6/01	Carmel, Yuval	Corporations-Cummins Engine Co.	Combusting Carbon Collected on a Complex 3D Filter with the Lowest Possible Energy Consumption	2/26/01	11/30/01	(\$8,181)	\$ 1,390,868.00
9/6/01	Carmel, Yuval	Corporations-Cummins Engine Co.	Combusting Carbon Collected on a Complex 3D Filter with the Lowest Possible Energy Consumption	2/26/01	11/30/01	(\$8,181)	\$ 1,382,687.00
9/6/01	Carmel, Yuval	Corporations-Cummins Engine Co.	Microwave Properties Research	3/11/00	12/31/01	(\$11,868)	\$ 1,370,819.00
9/6/01	Carmel, Yuval	Corporations-Cummins Engine Co.	Microwave Properties Research	3/11/00	12/31/01	(\$11,868)	\$ 1,358,951.00

INSTITUTE FOR SYSTEMS RESEARCH - Award for Fiscal Year 2002							
Date	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
7/10/01	Liu, K. J. Ray	NSF	Young Investigator Awards Program-Request for Continuation	9/1/94	8/31/02	\$0	\$0
7/10/01	Davis, Christopher	Army/ARL	Near-Field Optical Probes for Real-Time Biodetection	6/29/01	6/28/02	\$200,000	\$ 200,000.00
7/23/01	Corson, M. Scott	Boeing	Wireless Ad Hoc Network Research	6/1/00	12/31/00	\$0	\$ 200,000.00
7/23/01	Baras, John	Lockheed Martin corp.	Efficient Security Schemes for Satellite Multicast Services	2/1/00	6/30/02	\$70,000	\$ 270,000.00
7/27/01	Baras, John	MIPS	Scalable Two-Way Broadband Satellite Internet Services	8/1/00	7/31/02	\$70,000	\$ 340,000.00
7/27/01	Baras, John	MIPS/APEX Eclipse	Telecommunication Signal to Noise Improvement	8/1/01	7/31/02	\$7,778	\$ 347,778.00
7/27/01	Gupta, Satvandra	NIST	Ontology-Based Protocols for Self-Integrating Systems	8/1/01	7/31/04	\$47,359	\$ 395,137.00
7/30/01	Gupta, Satvandra	NIST	Ontology-Based Protocols for Self-Integrating Systems	8/1/01	7/31/04	\$141,750	\$ 536,887.00
7/31/01	Ball, Michael	FAA	Collaborative Decision Making (CDM) and Free Flight Phase 1 and 2	6/1/01	5/31/02	\$330,000	\$ 866,887.00
8/6/01	Rubloff, Gary	Tokyo Electron Yamanashi	Agreement with Tokyo Electron Yamanashi, LTD	5/25/01	5/24/02	\$0	\$ 866,887.00
8/14/01	Shamma, Shihab	DOD - Navv/ONR	Supplement to the Annual Telluride Workshop on Neuromorphic Engineering	8/31/00	8/30/03	\$25,000	\$ 891,887.00
8/16/01	Abed, Eyad	National Science Foundation	Stability Monitoring and Control of Power Systems	8/15/01	7/31/04	\$149,441	\$ 1,041,328.00
8/22/01	Abed, Eyad	Universities - Virginia Polytechnic Institute	Non-linear Active Control of Dynamical Systems	1/7/96	12/31/01	\$0	\$ 1,041,328.00
8/22/01	Abed, Eyad	Universities - Virginia Polytechnic Institute	Non-linear Active Control of Dynamical Systems	1/7/96	12/31/01	\$0	\$ 1,041,328.00
8/27/01	Shamma, Shihab	CIA	A Wireless Address Event Representation...	8/13/01	12/8/03	\$200,000	\$ 1,241,328.00
8/29/01	Ghodssi, Reza	Corporations-HoneyWell Engines and Systems	Collaborative Technology Alliances	5/31/01	9/30/01	\$24,200	\$ 1,265,528.00
9/13/01	Sandborn, Peter A.	DOD-AF/AFMC	Life Cycle Cost Reduction Through A Cradle-to-Grave	8/6/99	7/9/03	\$400,000	\$ 1,665,528.00
9/14/01	Baras, John	Corporations-MIPS	Adaptive Distributive Network Monitoring for Performance and Fault Management	1/2/99	9/30/01	\$0	\$ 1,665,528.00
9/14/01	Baras, John	Corporations-MIPS	Adaptive Distributive Network Monitoring for Performance and Fault Management	1/2/99	9/30/01	\$0	\$ 1,665,528.00
9/14/01	Narayan, Prakash	National Science Foundation	An Information Theoretic Approach to Secret Key Generation for Encrypted Communication in a Network	1/1/02	12/31/04	\$371,049	\$ 2,036,577.00
9/14/01	Narayan, Prakash	National Science Foundation	An Information Theoretic Approach to Secret Key Generation for Encrypted Communication in a Network	1/1/02	12/31/04	\$371,049	\$ 2,407,626.00
9/19/01	Baras, John	Corporations - MIPS	Adaptive Distributive Network Monitoring for Performance and Fault Management	1/2/99	12/31/01	\$0	\$ 2,407,626.00
9/19/01	Baras, John	Corporations - MIPS	Adaptive Distributive Network Monitoring for Performance and Fault Management	1/2/99	12/31/01	\$0	\$ 2,407,626.00
9/20/01	Rubloff, Gary	National Science Foundation	Simulation Based Learning Systems for Environmentally-Benign Semiconductor Manufacturing	9/15/99	8/31/02	\$258,485	\$ 2,666,111.00
9/21/01	Schmidt, Linda C.	National Science Foundation	Research Internships in Science and Engineering (RISE)	1/10/01	9/30/02	\$299,938	\$ 2,966,049.00
10/1/01	Tassiulas, Lean	NSF	From Medium Access to Physical Layer: An Integrated DSP	9/15/99	8/31/02	\$ 45,000.00	\$ 3,011,049.00
10/5/01	Ball, Michael	DOT- FAA	NEXTOR Training and Education Initiatives	10/1/01	9/30/02	\$ 55,000.00	\$ 3,066,049.00
10/5/01	Levine, William	STMD- UMBC	Model Based Analysis of 3-D Tongue Motion	7/1/01	5/31/02	\$ 52,658.00	\$ 3,118,707.00
10/8/01	Abed, Eyad	DOD-ARPA	IPA Agreement for Stuart Milner	10/1/99	9/30/03	\$ -	\$ 3,118,707.00
10/26/01	Krishnaprasad , Perinkulam	Harvard	The Mathematics of Controllable Physical Structures	5/1/97	11/30/01	\$ 99,000.00	\$ 3,217,707.00
10/29/01	Baras, John	Telecordia	CTA in Communications and Networking	5/31/01	11/21/01	\$ 149,000.00	\$ 3,366,707.00
11/5/01	Krishnaprasad , Perinkulam	DOD- AFOSR	Dynamics and Control of Agile Formations	6/1/01	9/30/02	\$ 195,884.00	\$ 3,562,591.00
11/16/01	Baras, John	NASA- Glenn (Lewis)	Center for Satellite and Hybrid Communication Networks	12/1/00	6/30/02	\$ -	\$ 3,562,591.00
11/20/01	Shamma, S.	DOD-Navy/ONR	Center for Auditory and Acoustics Research	4/30/97	4/29/02	\$ -	\$ 3,562,591.00
11/20/01	Baras, J.	Telecordia	CTA in Communications & Networking	5/31/01	9/30/06	\$ -	\$ 3,562,591.00

MECHANICAL ENGINEERING - Award for Fiscal Year 2002							
Date	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
7/9/01	Anand, Davinder	Navy-NSWC	Center for Energetic Concepts Development	9/29/98	12/31/02	\$216,000	\$216,000
7/12/01	DeVoe, Donald	NSF	Parallel Fabrication of 3-D Microstructures	5/18/98	6/22/02	\$0	\$ 216,000.00
7/12/01	Kim, Jungho	University of Denver	Time and Space Resolved Heat Transfer and Temperature Measurements on Surfaces During Boiling and Droplet Cooling	10/1/98	6/30/02	\$82,000	\$ 298,000.00
7/17/01	Gupta, Satvandra	ONR	Automated Mold Design and Fabrication for Rapid Production of High Quality Ceramic Parts	6/1/00	5/31/03	\$0	\$ 298,000.00
7/18/01	Sandborn, Peter A.	IEEE/CPMT	IEEE/CPMT - Internet Based Educational Material Development for Electronic Products and System Cost Analysis	11/1/00	8/31/01	\$0	\$ 298,000.00
7/18/01	Sandborn, Peter A.	IEEE/CPMT	IEEE/CPMT - Internet Based Educational Material Development for Electronic Products and System Cost Analysis	11/1/00	8/31/01	\$0	\$ 298,000.00
7/19/01	Han, Bongtae	Intel	Practical Approach of Microscopic Moire Interferometry	2/13/01	1/31/02	\$0	\$ 298,000.00
7/19/01	Pecht, Michael	JDS Uniphase	JDS Uniphase Non-Disclosure Statement	6/26/01	6/25/02	\$0	\$ 298,000.00
7/20/01	Piomelli, Ugo	Navy/ONR	Comparison of Wall-Layer Modeling Techniques for...	1/8/01	7/31/03	\$12,000	\$ 310,000.00
7/27/01	Gupta, Satvandra	NIST	Ontology-Based Protocols for Self-Interfrating Svstems	8/1/01	7/31/04	\$47,359	\$ 357,359.00
7/30/01	Gupta, Satvandra	NIST	Ontology-Based Protocols for Self-Interfrating Svstems	8/1/01	7/31/04	\$141,750	\$ 499,109.00
7/30/01	Azram, Shaour	Navy/ONR	Concurrent Design Optimization in PEBB	6/1/97	2/18/02	\$0	\$ 499,109.00
7/30/01	Azram, Shaour	Office of Naval Research	Decision Support for Design of High Performance, High Reliability Power Electronic Building Blocks	8/15/98	2/18/02	\$0	\$ 499,109.00
7/31/01	Baz, Amr M.	Qortek Inc.	Semi-Passive Shock and Vibration Mounts	5/1/01	10/31/01	\$20,000	\$ 519,109.00
8/20/01	Pecht, Michael	Corporation	MacDonald Dettwiler Space and Advanced Robotics Nondisclosure Agreement	7/25/00	10/25/01	\$0	\$ 519,109.00
8/21/01	Duncan, James H.	DOD - Navy/ONR	An Experimental 2D + T Investigation of Breaking Bow Waves	1/6/01	5/30/04	\$100,000	\$ 619,109.00
8/22/01	Baz, Amr M.	Corporations-QorTek, Inc.	QorTek Isolator Proof of Concept Vibration Tests	1/11/00	10/31/01	\$50,000	\$ 669,109.00
8/24/01	Kim, Jungho	National Science Foundation	Transition Pool Boiling Heat Transfer Mechanisms on a St...	1/10/98	9/30/02	\$0	\$ 669,109.00
8/24/01	Kim, Jungho	National Science Foundation	Transition Pool Boiling Heat Transfer Mechanisms/REU	1/10/98	9/30/02	\$0	\$ 669,109.00
8/27/01	Azram, Shaour	National Science Foundation	Entropy Based Multiobjective Genetic Algorithm	1/9/01	8/31/04	\$370,363	\$ 1,039,472.00
8/27/01	Balachandran, Bala	National Science Foundation	High-Speed Milling Dynamics	8/15/01	7/31/02	\$68,374	\$ 1,107,846.00
8/27/01	Balachandran, Bala	National Science Foundation	Novel Fiber Optic Acoustic Sensor System	1/9/01	8/31/02	\$40,427	\$ 1,148,273.00
8/27/01	Baz, Amr M.	DOD-Army/ARO	Multi-Input/Multi-Output Active Control & Monitoring Sys	1/9/01	12/31/01	\$24,600	\$ 1,172,873.00
8/29/01	Sandborn, Peter A.	DOD-AF/AFMC	Life Cycle Cost Reduction Through A Cradle-to-Grave	8/6/99	7/9/03	\$400,000	\$ 1,572,873.00
8/30/01	Anand, Davinder	Foreign Organization - IONAS A/S	Non-Disclosure Agreement with IONAS A/S	8/16/01	8/15/06	\$0	\$ 1,572,873.00
8/30/01	Kim, Jungho	COMM-NIST	Development of a High-Temperature Absorption Coefficient	1/9/01	8/31/04	\$70,000	\$ 1,642,873.00
8/31/01	Sandborn, Peter A.	Universities - Georgia Tech	Internet Based Instruction for Thermal Design...	1/1/98	7/31/01	\$0	\$ 1,642,873.00
8/31/01	Sandborn, Peter A.	Universities - Georgia Tech	Internet Based Instruction for Thermal Design...	1/1/98	7/31/01	\$0	\$ 1,642,873.00
9/4/01	Kofinas, Peter	National Science Foundation	Toxic and Nutrient Pollution Prevention in the Chesapeake Bay Using Anion Binding Polymeric Hydrogels (TSE01-C)	1/9/01	8/31/02	\$65,000	\$ 1,707,873.00
9/4/01	Kofinas, Peter	National Science Foundation	Toxic and Nutrient Pollution Prevention in the Chesapeake Bay Using Anion Binding Polymeric Hydrogels (TSE01-C)	1/9/01	8/31/02	\$65,000	\$ 1,772,873.00
9/5/01	DeVoe, Donald	COMM-NIST	MEMS Test Structures Materials Characterization	8/31/01	8/31/02	\$17,018	\$ 1,789,891.00
9/5/01	DeVoe, Donald	COMM-NIST	MEMS Test Structures Materials Characterization	8/31/01	8/31/02	\$17,018	\$ 1,806,909.00
9/5/01	Radermacher, Reinhard K.	EPA-Oher	Systematic Analysis of the Performance Potential of BHP Subsystems	1/9/01	8/31/02	\$37,000	\$ 1,843,909.00
9/5/01	Radermacher, Reinhard K.	EPA-Oher	Systematic Analysis of the Performance Potential of BHP Subsystems	1/9/01	8/31/02	\$37,000	\$ 1,880,909.00
9/7/01	Balachandran, Balakumar	Corporations-MIPS	Fiber Optic Measurement of Towed Array Shape	1/2/00	1/31/02	\$0	\$ 1,880,909.00
9/7/01	Balachandran, Balakumar	Corporations-MIPS	Fiber Optic Measurement of Towed Array Shape	1/2/00	1/31/02	\$0	\$ 1,880,909.00
9/7/01	Kiger, Kenneth T.	DOD-MD. Procurement of	Heat Transfer Measurement on Isothermal Surfaces During Spray Cooling	6/5/99	3/31/02	\$0	\$ 1,880,909.00

9/7/01	Kiger, Kenneth T.	DOD-MD. Procurement of	Heat Transfer Measurement on Isothermal Surfaces During Spray Cooling	6/5/99	3/31/02	\$0	\$ 1,880,909.00
9/13/01	DeVoe, Donald	DOD-MD. Procurement of	III-V MEMS for Optical Microsystems	6/9/01	5/9/02	\$99,959	\$ 1,980,868.00
9/13/01	DeVoe, Donald	DOD-MD. Procurement of	III-V MEMS for Optical Microsystems	6/9/01	5/9/02	\$99,959	\$ 2,080,827.00
9/13/01	Han, Bongtae	Corporations-Semiconductor Research	Development of Displacement Measurement Techniques for...	1/9/99	8/31/02	\$45,000	\$ 2,125,827.00
9/13/01	Han, Bongtae	Corporations-Semiconductor Research	Development of Displacement Measurement Techniques for...	1/9/99	8/31/02	\$45,000	\$ 2,170,827.00
9/13/01	Radermacher, Reinhard K.	DOD - Army	Modeling and Testing of Commercial Prototype Carbon Dioxide	1/5/01	1/1/02	\$55,705	\$ 2,226,532.00
9/13/01	Schmidt, Linda C.	National Science Foundation	Research Internships in Science and Engineering (RISE)	1/10/01	9/30/02	\$299,938	\$ 2,526,470.00
9/17/01	Duncan, James H.	DOD - Navy/ONR DURIP	Equipment for the Study of Breaking Bow Waves	3/31/00	4/30/02	\$0	\$ 2,526,470.00
9/17/01	Radermacher, Reinhard K.	DOD - Army	Modeling and Testing of Commercial Prototype Carbon Dioxide	1/5/01	1/1/02	\$0	\$ 2,526,470.00
9/18/01	DeVoe, Donald	DOD - MD Procurement of	III-V MEMS for Optical Microsystems	6/9/01	5/9/02	(\$49,979)	\$ 2,476,491.00
9/19/01	DeVoe, Donald	DOD - MD Procurement of	III-V MEMS for Optical Microsystems	6/9/01	5/9/02	(\$49,979)	\$ 2,426,512.00
9/19/01	DeVoe, Donald	DOD - MD Procurement of	III-V MEMS for Optical Microsystems	6/9/01	5/9/02	\$49,980	\$ 2,476,492.00
9/19/01	DeVoe, Donald	DOD - MD Procurement of	III-V MEMS for Optical Microsystems	6/9/01	5/9/02	\$49,980	\$ 2,526,472.00
9/20/01	Holloway, David C.	DOE-Chicago	GATE Fellowship Application	9/30/98	9/29/03	(\$6,000)	\$ 2,520,472.00
9/20/01	Holloway, David C.	DOE-Chicago	GATE Fellowship Application	9/30/98	9/29/03	(\$6,000)	\$ 2,514,472.00
9/21/01	Schmidt, Linda C.	COMM-NIST	Research on Uncertainty Measurement for CMM Software	9/15/01	1/30/04	\$61,405	\$ 2,575,877.00
9/24/01	DeVoe, Donald	COMM-NIST	Integrated Silicon/Plastic Microfluidic Gas Sensors	9/15/01	9/14/02	\$79,417	\$ 2,655,294.00
9/27/01	Dasgupta, Abhijit	National Science Foundation	A MEMS-Based Stiffness/Energy Sensor for Structural Heal	9/15/01	8/31/04	\$200,000	\$ 2,855,294.00
9/27/01	Pecht, Michael	Foreign Organization - MD Robotics/ Ontario	End Effector Electronics Unit (EEEU) Life Investigation	4/17/01	7/9/01	\$74,580	\$ 2,929,874.00
8/24/01	Kim, Jungho	National Science Foundation	Transition Pool Boiling Heat Transfer Mechanisms on a St...	1/10/98	9/30/02	\$0	\$ 2,929,874.00
10/3/01	Anand, Davinder	ATEC	Chip Integrated EHD Cryogenic Cooling System-Phase II	9/24/01	12/31/02	\$ 64,496.00	\$ 2,994,370.00
10/5/01	Anand, Davinder	DOD- Navy.NSWC	Center for Energetic Concepts Development	6/30/00	12/31/02	\$ 216,000.00	\$ 3,210,370.00
10/5/01	Anand, Davinder	DOD- Navy.NSWC	Center for Energetic Concepts Development	9/29/98	12/31/02	\$ (216,000.00)	\$ 2,994,370.00
10/23/01	Schmidt, Linda C.	NSF	Supplement to CAREER: Generative Designer Assistance...	8/1/98	7/31/02	\$ 35,000.00	\$ 3,029,370.00
10/25/01	Han, Bongtae	Intel	Development of High Resolution Reflection Microscopic	6/19/00	5/31/01	\$ -	\$ 3,029,370.00
10/31/01	Anand, Davinder	DOD- Navy.NSWC	Center for Energetic Concepts Development	9/29/98	12/31/02	\$ 25,000.00	\$ 3,054,370.00
10/31/01	Anand, Davinder	DOD- Navy.NSWC	Center for Energetic Concepts Development	9/29/98	12/31/02	\$ 5,500.00	\$ 3,059,870.00
10/31/01	Anand, Davinder	DOD- Navy.NSWC	Center for Energetic Concepts Development	9/29/98	12/31/02	\$ 25,600.00	\$ 3,085,470.00
11/1/01	Anand, Davinder	DOD- Navy.NSWC	Center for Energetic Concepts Development	9/29/98	12/31/02	\$ 53,760.00	\$ 3,139,230.00
11/12/01	Holloway, David C.	General Dynamics Robotics	Hybrid Electric Drivetrain	10/16/01	6/15/02	\$ 61,420.00	\$ 3,200,650.00
11/12/01	DeVoe, Donald	DOD-ARPA	Parallel Fabrication of 3-D Microstructures	5/18/98	6/22/02	\$ 135,107.00	\$ 3,335,757.00
11/12/01	Bruck, Hugh Alan	DOD - Navy.ONR	Fabrication & Design of Functionally Graded Energetic	5/1/00	5/1/03	\$ 101,348.00	\$ 3,437,105.00
11/9/01	Ankem, Sreerama	DOD -Navy.ONR	Fundamental Studies on Ambient Temp. Creep Behavior	4/15/96	5/24/02	\$ 23,008.00	\$ 3,460,113.00
11/16/01	Baz, Amr M.	DOD- Navy.ONR	Virtual Design of Quiet Underwater Shells	2/15/00	9/30/02	\$ 73,000.00	\$ 3,533,113.00
11/8/01	Joshi, Yogendra K.	Semiconductor Research	Microfabricated Compact Thermal Management Solutions for...	1/1/99	8/31/01	\$ (50,000.00)	\$ 3,483,113.00
11/16/01	Piomelli, Ugo	DOD- Navy.ONR	Comparison of Wall-Layer Modeling Techniques for...	8/1/01	7/31/03	\$ 75,000.00	\$ 3,558,113.00
11/20/01	Radermacher, R.	Battelle	Natural Gas Buildings: Demonstration and Feasibility	8/5/00	12/31/01	\$ -	\$ 3,558,113.00

<b>MINORITY IN ENGINEERING - Award for Fiscal Year 2002</b>							
<b>Date</b>	<b>Investigator</b>	<b>Sponsor</b>	<b>Title</b>	<b>Start</b>	<b>End</b>	<b>Amount</b>	<b>Total Amount</b>
9/14/01	Parker, Rosemary	Corporations-Diversified Career & Educational Services	Diversified Career and Educational Services	8/22/00	8/21/04	\$16,000	
							\$ 16,000.00
9/14/01	Parker, Rosemary	Corporations-Diversified Career & Educational Services	Diversified Career and Educational Services	8/22/00	8/21/04	\$16,000	
							\$ 32,000.00
11/1/01	Parker, Rosem	UMBC	Louis Stokes-Alliance for Minority Participation	11/1/00	10/31/05	\$ 62,472.00	\$ 94,472.00
11/1/01	Parker, Rosem	UMBC	Louis Stokes-Alliance for Minority Participation	11/1/00	10/31/05	\$ 27,528.00	\$ 122,000.00

MATERIALS AND NUCLEAR ENGINEERING - Award for Fiscal Year 2002							
Date	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
7/9/01	Ramesh, Ramamoorthy	Barelle Northwest	Structure and Properties of Epitaxial Ferroelectric and Dielectric Thin Films	7/1/01	6/30/02	\$51,800	\$51,800
7/12/01	Christou, Aristos	Corporations	Development of Arrays of Multiple Quantum Well	6/1/99	7/16/01	\$0	\$ 51,800.00
7/12/01	Roytburd, Alexander	AFOSR	Theory and Modeling of Polydomain	1/1/01	12/31/01	\$0	\$ 51,800.00
7/16/01	Bernstein, Joseph	Lockheed Martin corp.	Laser Programmable Gate Array Phase I: Preliminary Evaluation	12/1/00	6/30/01	\$0	\$ 51,800.00
7/18/01	Ankem, S.	NASA	Synthesis of Molecularly Dispersed Ceramic	7/1/00	6/30/02	\$0	\$ 51,800.00
7/31/01	Al-Sheikhly	DOE	DOE Reactor Sharing Program	7/17/01	7/16/02	\$23,000	\$ 74,800.00
8/1/01	Ankem, S.	NSF	Determination of Activation Energies and Modeling Low Temperature Creep	1/8/01	7/31/02	\$89,994	\$ 164,794.00
8/7/01	Christou, Aristos	Corporations	Development of Arrays of Multiple Quantum Well	1/6/99	7/16/01	\$15,726	\$ 180,520.00
8/20/01	Martinez-Miranda, Luz	Navy - ONR	Magnetic Nanoparticles for Manipulation and Control of Biological Processes	1/6/01	5/31/04	\$61,911	\$ 242,431.00
8/20/01	Martinez-Miranda, Luz	DOD-Navy/ONR	Magnetic Nanoparticles for Manipulation and Control of Biological Processes	1/6/01	5/31/04	(\$61,911)	\$ 180,520.00
8/20/01	Martinez-Miranda, Luz	DOD-Navy/ONR	Magnetic Nanoparticles for Manipulation and Control of Biological Processes	1/6/01	5/31/04	\$61,911	\$ 242,431.00
8/20/01	Wolf, Lothar	Corporations	Conversion and Archiving of the Data from the Containment Steam Line Break Experiment V44 at the HDR	8/17/01		\$0	\$ 242,431.00
8/23/01	Bernstein, Joseph	DOD-MD. Procurement of	Laser Process Development for CS-18 Process	6/7/00	1/12/01	\$0	\$ 242,431.00
8/24/01	Bernstein, Joseph	COMM-NIST	Advanced Gate Dielectric Reliability and Metrology	1/9/01	8/31/04	\$49,866	\$ 292,297.00
8/24/01	Bernstein, Joseph	Corporations-MIPS	Laser Make-Link Development for RFIO Tags	1/8/01	1/8/02	\$7,000	\$ 299,297.00
8/24/01	Pertmer, Gary	Universities - Oregon State	Determination of Unknown Neutron Cross Sections	1/7/01	6/30/02	\$38,301	\$ 337,598.00
8/28/01	Christou, Aristos	NASA-Goddard	Space Laser Research Agreement between NASA and the University of Maryland	1/9/97	4/30/02	\$0	\$ 337,598.00
8/30/01	Oehrlein, Gottlieb	Corporations-Semiconductor Research	Selectivity Mechanisms and Enhancement for Low K Etching	1/8/00	7/31/02	\$50,000	\$ 387,598.00
8/31/01	Al-Sheikhly, Mohamad	DOE-Chicago	DOE Reactor Sharing Program	7/17/01	7/16/02	\$0	\$ 387,598.00
8/31/01	Takeuchi, Ichiro	National Science Foundation	Development of Advanced Ferromagnetic Resonance Micro	8/15/01	7/31/03	\$99,999	\$ 487,597.00
9/6/01	Wolf, Lothar	DOE-CHICAGO	UM-Constellation Energy Group/DOE Matching Grant	8/20/01	8/19/02	\$25,000	\$ 512,597.00
9/6/01	Wolf, Lothar	DOE-CHICAGO	UM-Constellation Energy Group/DOE Matching Grant	8/20/01	8/19/02	\$25,000	\$ 537,597.00
9/7/01	Wolf, Lothar	DOE-CHICAGO	UM-Constellation Energy Group/DOE Matching Grant	8/20/01	8/19/02	\$22,000	\$ 559,597.00
9/7/01	Wolf, Lothar	DOE-CHICAGO	UM-Constellation Energy Group/DOE Matching Grant	8/20/01	8/19/02	\$22,000	\$ 581,597.00
9/11/01	Christou, Aristos	STMD	Space Laser Research Agreement between NASA and the University of Maryland	1/9/97	4/30/02	\$0	\$ 581,597.00
9/11/01	Christou, Aristos	STMD	Space Laser Research Agreement between NASA and the University of Maryland	1/9/97	4/30/02	\$0	\$ 581,597.00
9/20/01	Rubloff, Gary	National Science Foundation	Simulation Based Learning Systems for Environmentally-Benign Semiconductor Manufacturing	9/15/99	8/31/02	\$258,485	\$ 840,082.00
9/25/01	Smidts, Carol S.	DOD-MD. Procurement of National Security Agency	Concurrent Modeling for High Assurance Software Test and Development	9/22/01	9/21/02	\$141,710	\$ 981,792.00
9/25/01	Wuttig, Manfred R.	DOD - Navy/ONR	Multiferroic Materials for Smart Structures and Devices	1/5/01	4/30/04	\$110,000	\$ 1,091,792.00
10/8/01	Briber, Robert	NIST	Cold Neutron Scattering and Spectroscopy	9/1/00	8/31/02	\$ 1,450,220.00	\$ 2,542,012.00
10/8/01	Oehrlein, Gottlieb	DOE-Chicago	Fundamental Surface Reaction Mechanism in Fluorocarbon	8/15/00	8/14/03	\$ 160,000.00	\$ 2,702,012.00
10/12/01	Wolf, Lothar	Fauske & Associates, Inc.	Conversion and Archiving of the Data from the Containment Steam Line Break Experiment V44 at the HDR	8/1/01	11/15/01	\$ 19,500.00	\$ 2,721,512.00
10/12/01	Ramesh, Ramamoorthy	Argonne National Lab	Nanoscale Phenomena in Epitaxial Ferroelectric Thin	6/1/01	9/30/01	\$ 12,600.00	\$ 2,734,112.00
10/29/01	Christou, Aristos	OptiComp Corporation	Development of Arrays of Multiple Quantum Well	6/1/99	9/30/01	\$ 20,559.00	\$ 2,754,671.00
11/2/01	Modarres, Mohammad	USDA-Animal Hlth Inspe	Proposal to Establish a University of Maryland Animal...	9/30/01	9/29/02	\$ 18,000.00	\$ 2,772,671.00
11/9/01	Kofinas, Peter	DOD- Navy.ONR	Polymeric Solid State Nanoscale Batteries	10/1/99	9/30/02	\$ 63,695.00	\$ 2,836,366.00
11/9/01	Ankem, S.	DOD-Navy	Fundamental Studies on Ambient Temperature Creep Behavior of Alpha, Alpha-Beta an Beta Titanium Alloys	4/15/96	5/24/02	\$ 23,008.00	\$ 2,859,374.00

<b>WOMEN IN ENGINEERING - Award for Fiscal Year 2002</b>							
<b>Date</b>	<b>Investigator</b>	<b>Sponsor</b>	<b>Title</b>	<b>Start</b>	<b>End</b>	<b>Amount</b>	<b>Total Amount</b>
0/0/01							\$ -

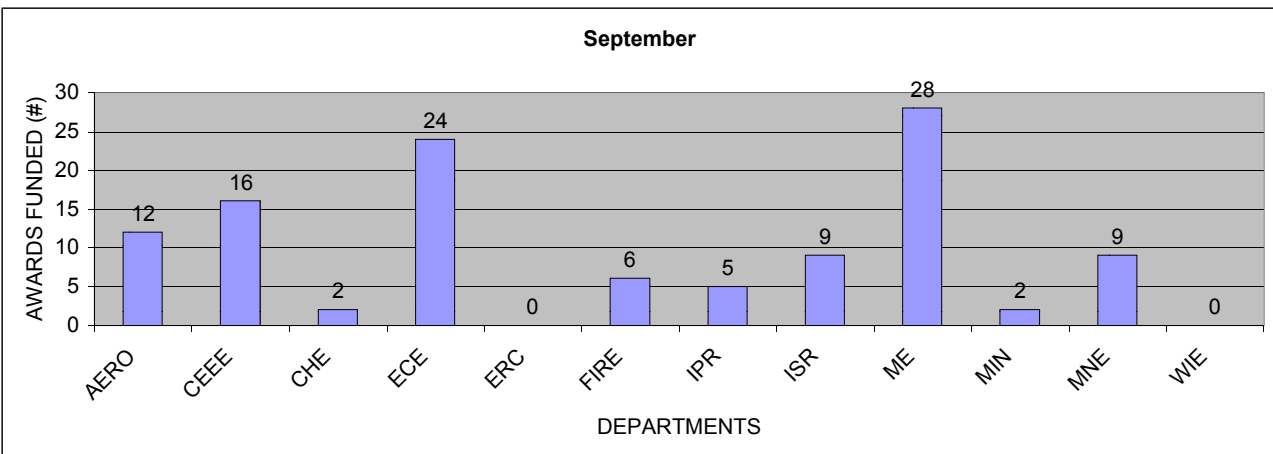
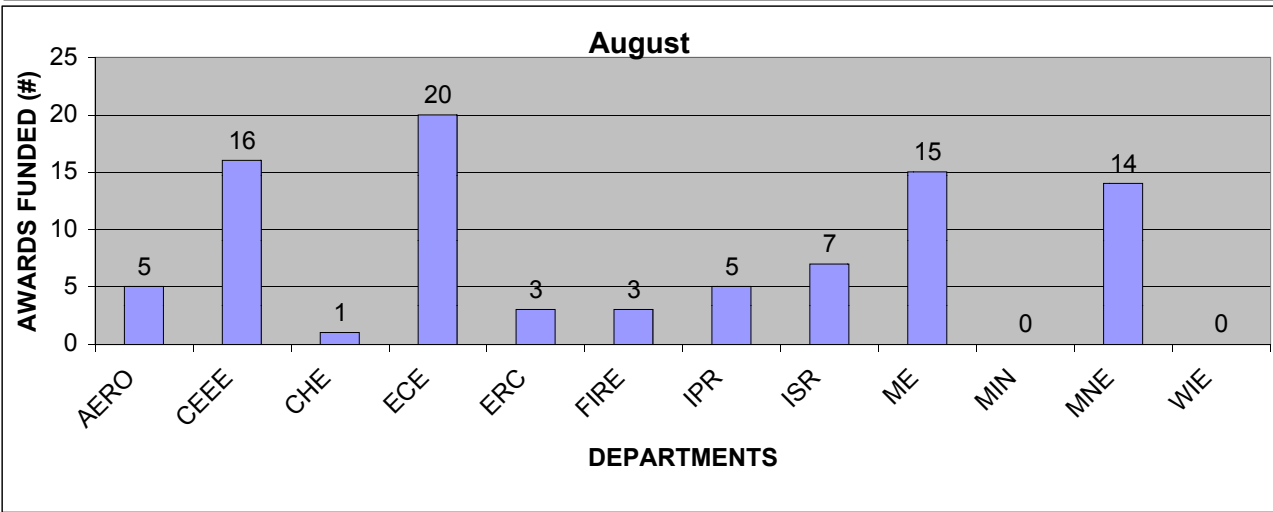
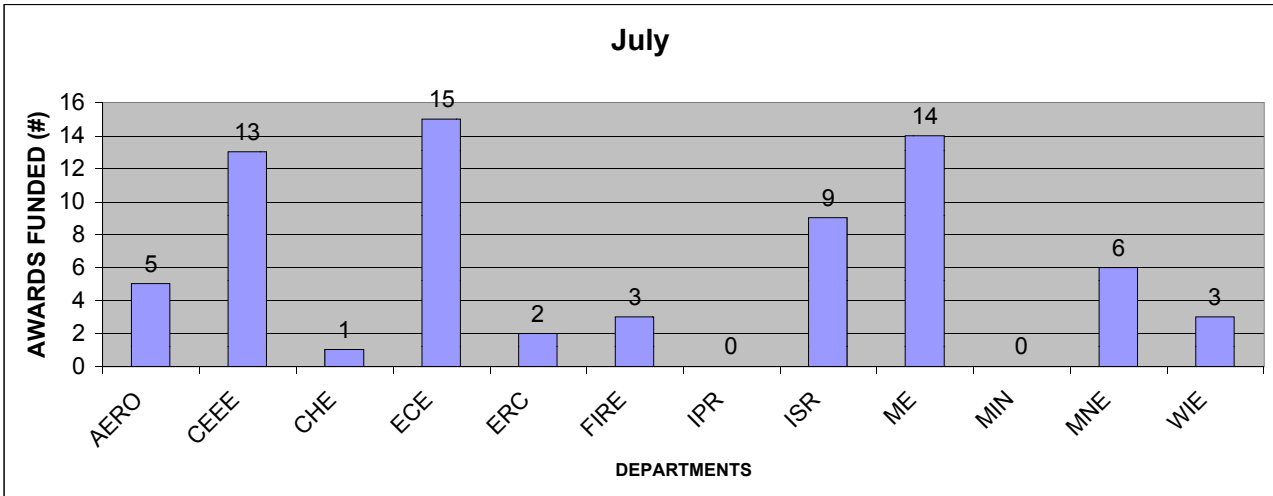
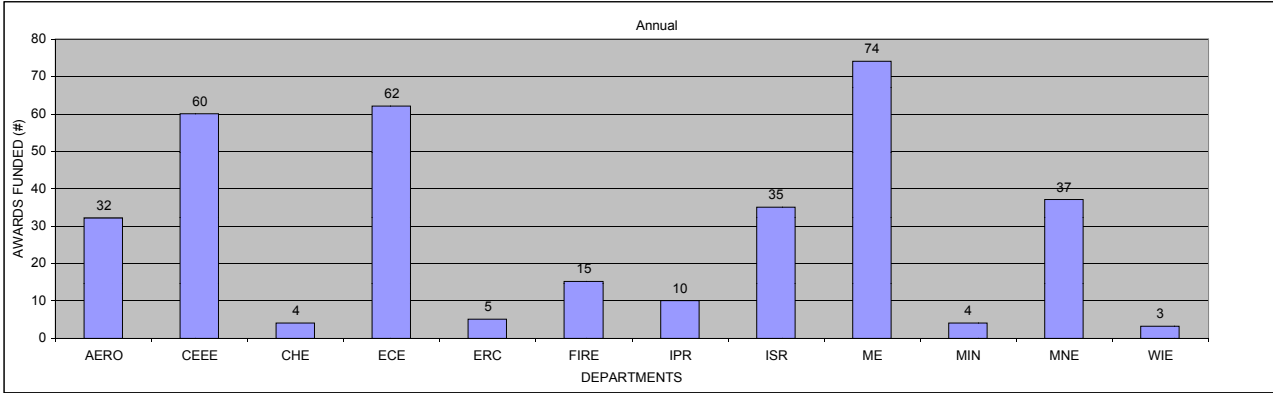
OTHER DEPARTMENTS - Award for Fiscal Year 2002								
Date	Department	Investigator	Sponsor	Title	Start	End	Amount	Total Amount
7/2/01	CHE/IPR	Sengers, J.	NSF	Experimental Study of Critically and Crossover Phenomena in Complex Fluid	8/1/98	7/31/02	\$0	\$0
7/23/01	CEEE/UMIAC	Plaisant, Catherine	SHA	Tech Support for MD Development and Operation of MD State ITS	1/1/00	12/31/01	\$0	\$0
7/31/01	ISR/BMGT	Ball, Michael	FAA	Collaborative Decision Making (CDM) and Free Flight Phase 1 and 2	6/1/01	5/31/02	\$330,000	\$ 330,000.00

<b>AWARDS OVER \$1 MILLION for Fiscal Year 2002</b>								
<b>Date</b>	<b>Department</b>	<b>Investigator</b>	<b>Sponsor</b>	<b>Title</b>	<b>Start</b>	<b>End</b>	<b>Amount</b>	<b>Total Amount</b>
8/16/01	Physics	Williams, Ellen D.	National Science Foundation	MRSEC	1/9/00	8/31/05	\$2,284,250	\$2,284,250
10/8/01	MNE	Briber, Robert	NIST	Cold Neutron Scattering and Spectroscopy	9/1/00	8/31/02	\$ 1,450,220.00	\$ 3,734,470.00

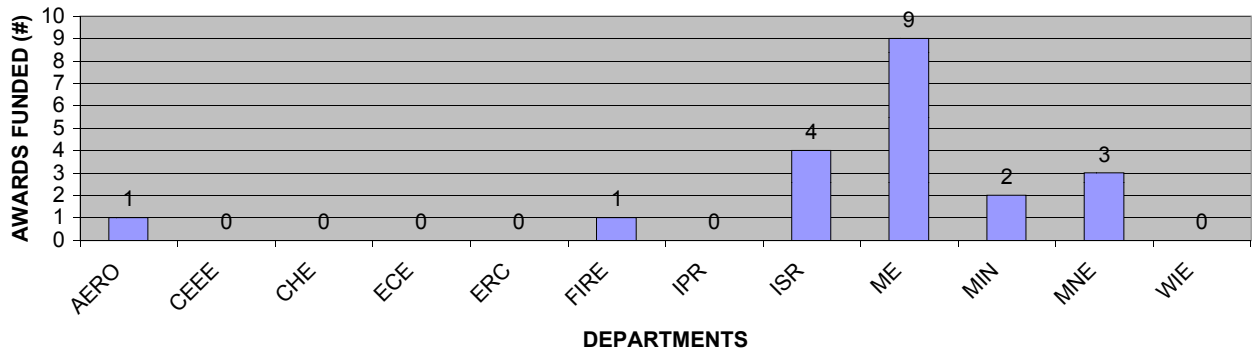
Clark School of Engineering Monthly Summary						
Annual YTD	July		August	September	October	November
<b>Department: AERO</b>						
Proposals Awarded:	32	5	5	12	9	1
Award Amount:	\$ 257,581.00	\$ (605,300.00)	\$ 90,000.00	\$ 486,681.00	\$ 286,200.00	\$ -
<b>Department: CEEE</b>						
Proposals Awarded:	60	13	16	16	15	0
Award Amount:	\$ 12,865,911.00	\$ 10,223,483.00	\$ 109,076.00	\$ 1,677,466.00	\$ 855,886.00	\$ -
<b>Department: CHE</b>						
Proposals Awarded:	4	1	1	2	0	0
Award Amount:	\$ 405,000.00	\$ -	\$ 355,000.00	\$ 50,000.00	\$ -	\$ -
<b>Department: ECE</b>						
Proposals Awarded:	62	15	20	24	3	0
Award Amount:	\$ 3,027,884.00	\$ -	\$ 1,501,471.00	\$ 1,418,444.00	\$ 107,969.00	\$ -
<b>Department: ERC</b>						
Proposals Awarded:	5	2	3	0	0	0
Award Amount:	\$ 61,927.00	\$ 17,900.00	\$ 44,027.00	\$ -	\$ -	\$ -
<b>Department: FIRE</b>						
Proposals Awarded:	15	3	3	6	2	1
Award Amount:	\$ 411,572.00	\$ -	\$ 158,579.00	\$ 183,693.00	\$ 69,300.00	\$ -
<b>Department: IPR</b>						
Proposals Awarded:	10	0	5	5	0	0
Award Amount:	\$ 1,358,951.00	\$ -	\$ 1,399,049.00	\$ (40,098.00)	\$ -	\$ -
<b>Department: ISR</b>						
Proposals Awarded:	35	9	7	9	6	4
Award Amount:	\$ 3,562,591.00	\$ 866,887.00	\$ 398,641.00	\$ 1,700,521.00	\$ 400,658.00	\$ 195,884.00
<b>Department: ME</b>						
Proposals Awarded:	74	14	15	28	8	9
Award Amount:	\$ 3,558,113.00	\$ 519,109.00	\$ 1,123,764.00	\$ 1,287,001.00	\$ 155,596.00	\$ 472,643.00
<b>Department: MIN</b>						
Proposals Awarded:	4	0	0	2	0	2
Award Amount:	\$ 122,000.00	\$ -	\$ -	\$ 32,000.00	\$ -	\$ 90,000.00
<b>Department: MNE</b>						
Proposals Awarded:	37	6	14	9	5	3
Award Amount:	\$ 2,859,374.00	\$ 74,800.00	\$ 412,797.00	\$ 604,195.00	\$ 1,662,879.00	\$ 104,703.00
<b>Department: WIE</b>						
Proposals Awarded:	0	0	0	0	0	0
Award Amount:	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Department: Others</b>						
Proposals Awarded:	3	3	0	0	0	0
Award Amount:	\$ 330,000.00	\$ 330,000.00	\$ -	\$ -	\$ -	\$ -
<b>Awards Over \$1M</b>						
Proposals Awarded:	2	0	1	0	1	0
Award Amount:	\$ 3,734,470.00	\$ -	\$ 2,284,250.00	\$ -	\$ 1,450,220.00	\$ -
<b>Clark School of Engineering</b>						
Proposals Awarded:	343	71	89	113	48	20

### Total Awards Funded for each Month

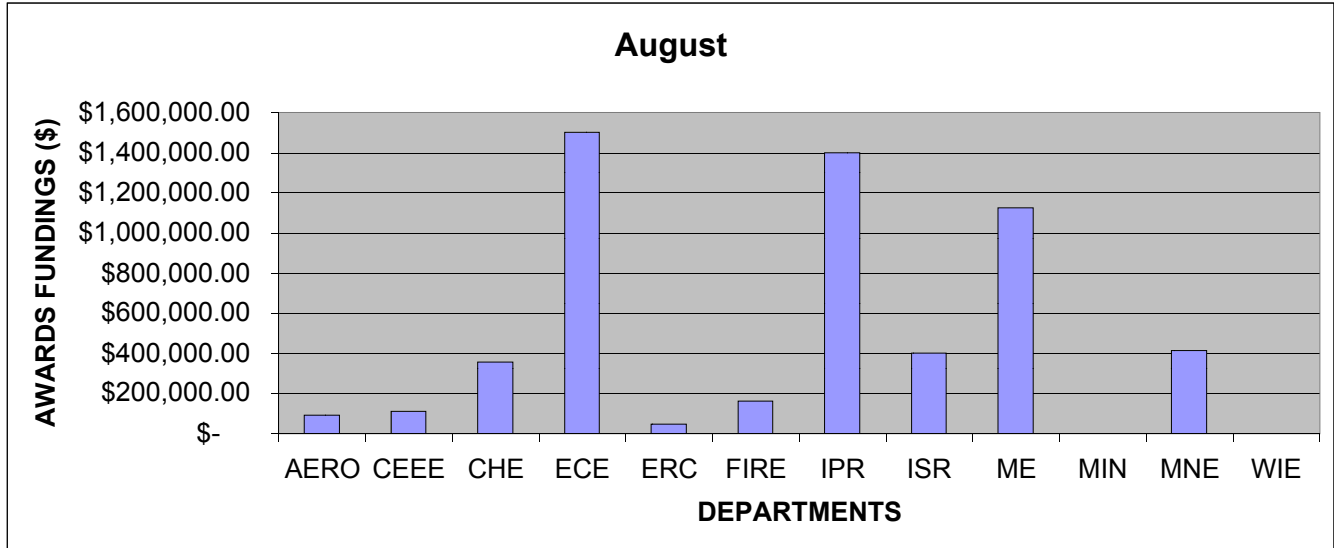
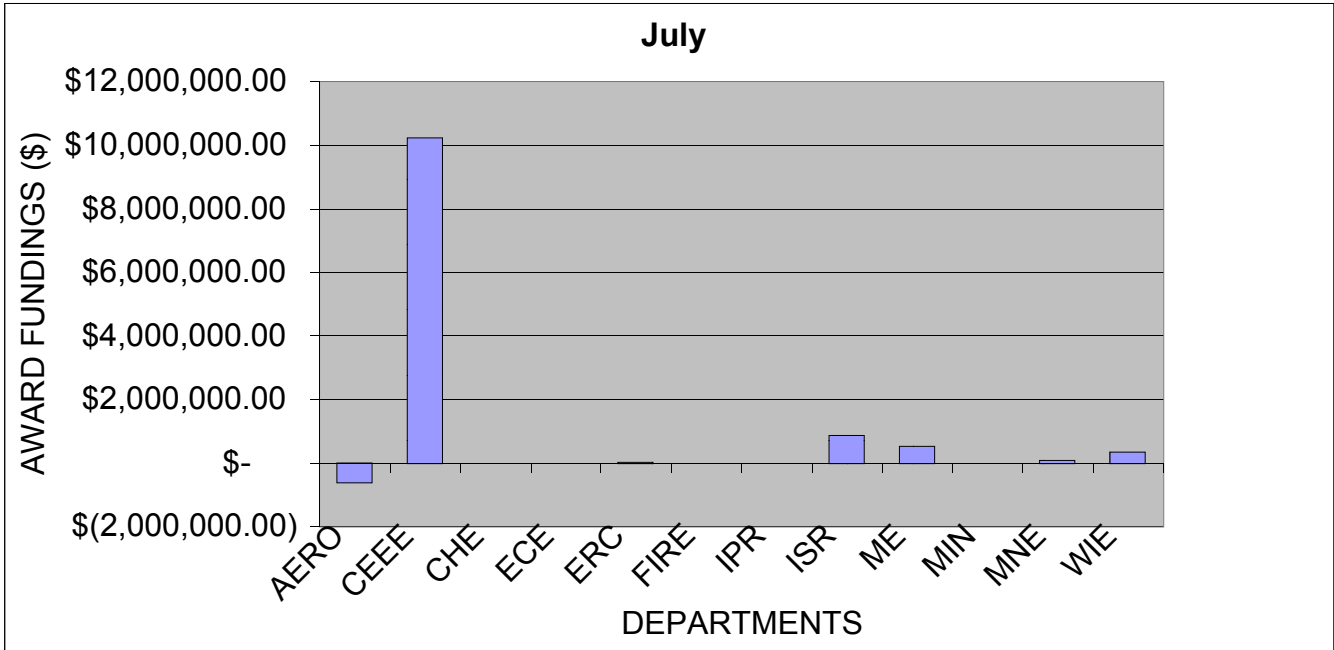
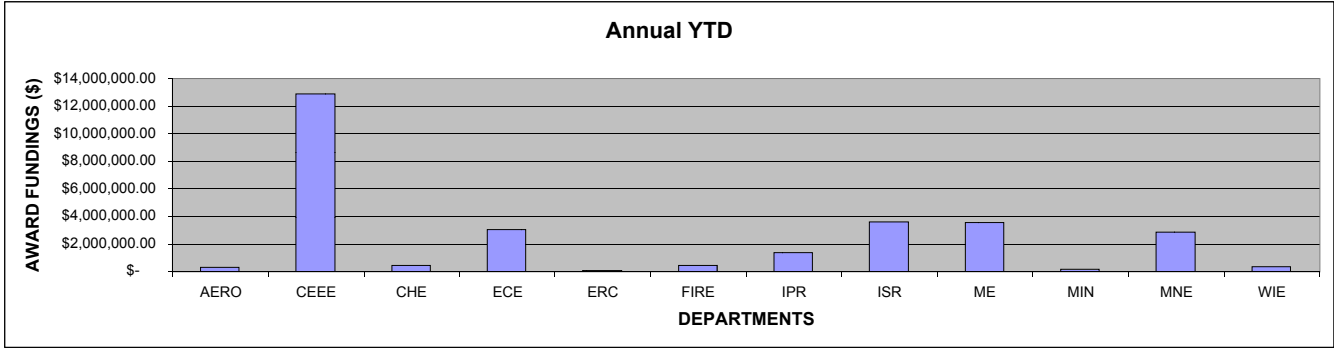
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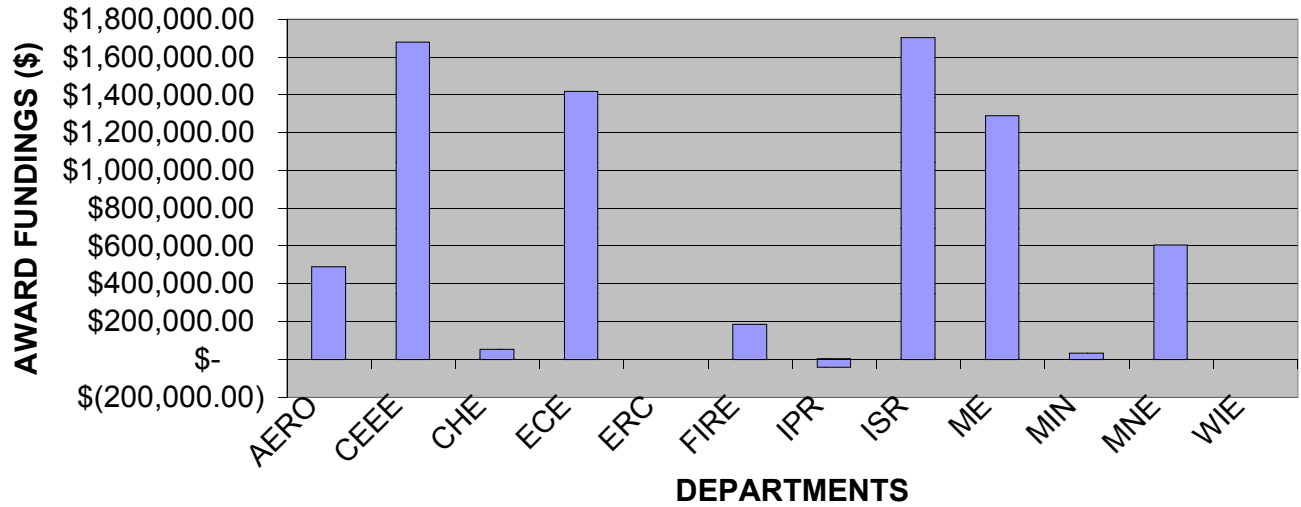
### November



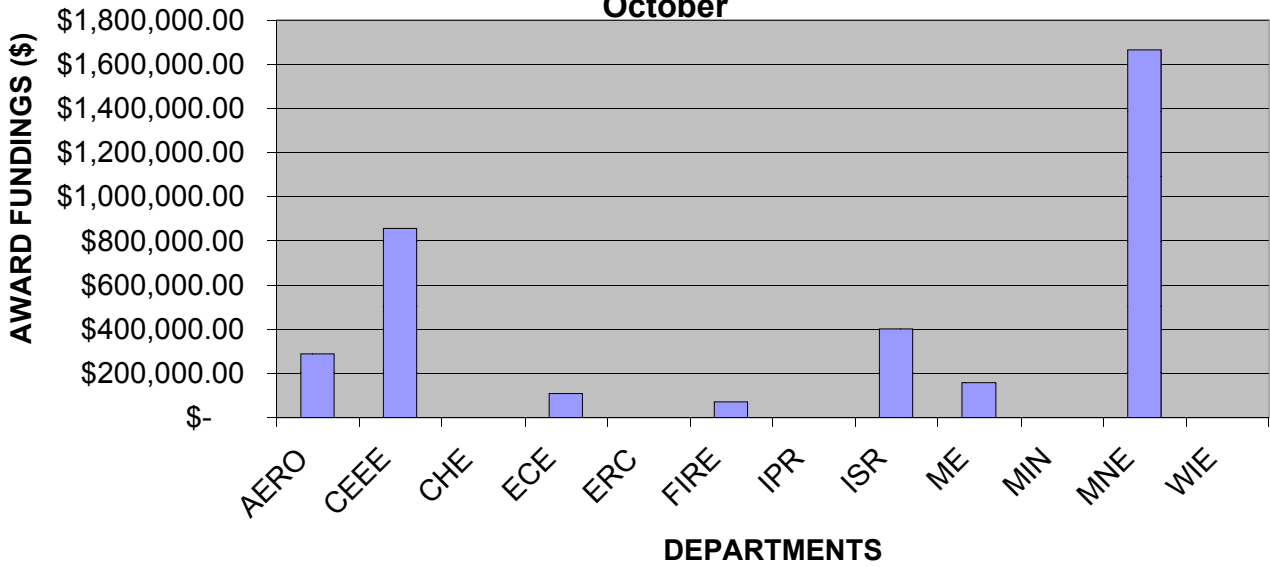
**Total Dollar of Awards Funded**



### September



### October



### November

