

Report of Awards

For the Month of June

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
BIOMEDICAL ENG'G.	Sotak, C.	Dept. of Ed.	Graduate Assistance in Areas of National Need- Support in Biomedical Engineering	\$144,285
	Shonat, R.	University of Mass Medical School	Diabetes- Endocrinology Research Center	\$30,000
CHEMICAL ENG'G.	Ribeiro, F.	NSF	CAREER: Educational and Research Opportunities in Environmental Eng'g: Catalysis as a Tool for Solving Environmental Problems	\$25,000
	Ma, Y.	Shell International Exploration & Production, Inc.	Ultra thin Pd and Pd/ Alloy Membranes for Hydrogen Separation and Reaction Applications	\$281,500
COMPUTER SCIENCE	Fisler, K.	Northeastern University	Computing Education for Every Student in Secondary Schools	\$46,568

CIVIL & ENVIRONMENTAL ENGINEERING	Ray, M.	Univ. of Iowa (DOT- FHWA)	Side Impact: Finalizing the Test Procedures & Preliminary Countermeasures	\$60,000
	Ray, M. *Weir, J.	ATSSA	ATSSA Guardrail Instillation Training Course	\$17,867
FIRE PROTECTION ENGINEERING	Barnett, J.	NIST	Characterizing the Entry Resistance of Smoke Detectors	\$106,393
MATHEMATICAL SCIENCES	Chen, M.	Dana Farber	Inference in Regression Models with Missing Covariates	\$37,029
	Vernescu, B.	NSF	REU Site: Research Experience for Undergraduates in Industrial Mathematics and Statistics	\$20,500
	Yakovlev, V.	Energyst Dev. Center, Inc.	Models of Electromagnetic Processes in Combined System of Microwave Thermal Processing	\$30,927
	Clements, K. *Davis, P.	NSF	Stochastic OPF and Transaction Monitoring in Deregulated Power Markets	\$92,618

MECHANICAL ENG'G.	Tryggvason, G.	Brown Univ.	Micro-bubble and Micro-bubble/Polymer Turbulent Drag Reduction	\$157,337
	Hermanson, J.	NSF	Disruption and Vaporization of Superheated Droplets in Compressible Flow	\$10,000
	Pryputniewicz, R.	BWXT Pantex	Semi-automation of Optoelectronic Holography System	\$50,000
	*CPI		TOTAL	\$1,110,024