

REPORT OF AWARDS

For the Month of September/2003

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>		<u>Amount</u>
BIOENGINEERING INSTITUTE	Mendelson, I.	U.S. Army Medical Research & Material Command	A Comparative Study of Transmission and Reflectance Pulse Oximeters Under Simulated Battlefield Conditions	\$	72,000
CIVIL & ENVIRONMENTAL ENGINEERING	Bergendahl, J. *Thompson, R.	Triton Systems, Inc.	Novel Adsorbents for the Removal of Disinfection By-Products from Drinking Water	\$	5,000
	Thompson, R.	Yardney Technical Products Inc.	Improved Anode Material Preparation & Characterization	\$	70,000
COMPUTER SCIENCE	Ward, M. *Rundensteiner, E.	NSF	Order, Spacing, and Clustering in Visual Exploration of Large Scale Data	\$	95,600
	Heffernan, N.	Sonalysts, Inc.	Warrior Tutors	\$	34,999
ELECTRICAL & COMPUTER ENGINEERING	Clancy, E.	National Institutes of Health	Estimating Joint Impedance from the Surface EMG	\$	71,043
	Pahlavan, K. *Agu, E.	NSF	An Integrated Multi-Layer Wireless LAN Testbed	\$	142,171
FIRE PROTECTION ENG'G.	Woycheese, J. *Dembsey, N.	NSF	Fire Science Media Library	\$	149,960

	Wocheese, J. *Shuster, H. *Turgeon, P.	NIST	Online Access to and Data Analysis Tools for Experiments in Building and Fire Science	\$	113,169
MATHEMATICAL SCIENCES	Vernescu, B.	Massachusetts Institute of Tech.	Focal Plane Tracking Algorithm Development	\$	74,726
	Martin, W.	UMASS Amherst	Discrete Mathematics Day at WPI	\$	3,000
MECHANICAL ENG'G.	Makhlouf, M. *Apelian, D.	Advanced Technology Institute	Development of an Electronic Data Base for Rapid Selection of Aluminum Die Casting Alloys	\$	23,200
	Tryggvason, G. *Esmaeeli, A.	Department of Energy	Investigations of Bubbly Flows Using Direct Numerical Simulations	\$	149,576
	Pryputniewicz, R. *Furlong, C.	BWXT Pantex, LLC	OEH Characterization of Laser Micromachined Parts	\$	120,027
OTHER	Cyr, M.	Tufts University	Tufts Pre-College Engineering for Teachers	\$	182,018
	*CPI		Total	\$	1,306,489