

REPORT OF PROPOSALS
For the Month of August/ 2003

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
CHEMICAL ENG'G.	DiBiasio, D.	USDA	WPI Biodiesel Outreach Program	\$ 470,515
	Wyslouzil, B.	University of Texas Medical Branch	NOEEL Engineering of Lung Tissue: Diagnosis	\$ 750,000
	Camesano, T.	NSF	REU Site: Research, Education, and Outreach for Females and Underrepresented Minorities in Bioengineering at WPI	\$ 262,891
CHEMISTRY & BIOCHEMISTRY	Connors, R.	DOD	DURIP: Optical Instrumentation for Development of Light Activated Decontamination Materials (LADM)	\$ 117,000
CIVIL & ENVIRONMENTAL ENGINEERING	Bergendahl, J *Thompson, R.	Triton Systems, Inc.	Novel Adsorbents for the Removal of Disinfection By-products from Drinking Water	\$ 8,941
	Mallick, R.	Office of Naval Research	Acquisition of Non Destructive Testing Instrument for Research and Education	\$ 283,353
COMPUTER SCIENCE	Ward, M. *Rundensteiner, E.	NSF	Order, Spacing, and Clustering in Visual Exploration of Large Scale Data	\$ 114,720
ELECTRICAL & COMPUTER ENGINEERING	Pedersen, P.	University of Washington	Stability and Heat Transfer Characteristics of Condensate Fluid Layers in Reduced Gravity	\$ 24,362

MATHEMATICAL SCIENCES	Nadram, B.	NSF	Hierarchical Bayesian Nonignorable Nonresponse Regression Models for Small Areas Under Informative Sampling	\$	318,825
MECHANICAL ENG'G.	Muckerheide, J.	Radiation, Science, and Health Inc.	Center of Nuclear Technology and Society	\$	70,000
	Makhlouf, M. *Apelian, D.	Advanced Technology Institute	Development of an Electronic Data Base for Rapid Selection of Aluminum Die Casting Alloys	\$	61,158
PHYSICS	Phillies, G.	NSF	Rheological Correlates of the Polymer Slow Mode	\$	409,527
OTHER	Durgin, W. *Miller, J. *Blaisdell, S.	Northeastern University	Learning Style and Gender Differences in Engineering Capstone Design Projects	\$	60,000
	*CPI		Total	\$	2,951,292