

REPORT OF PROPOSALS

For the Month of May/02

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>		<u>Amount</u>
CHEMICAL ENG'G.	Wyslouzil, B.	American Chemical Society	Measuring Nucleation Rates in Supersonic Nozzles: A Small Angle X-Ray Scattering Challenge	\$	120,000
	DiBiasio, D.	NSF	Assessing the State of Web-Based Laboratory Teaching and Learning: Phase 2	\$	9,913
	Ma, Y.H.	Shell Intl. Exploration & Production, Inc.	Ultra thin Pa & Pd/ Alloy Membranes for Hydrogen Separation and Reaction Applications	\$	1,229,415
CHEMISTRY & BIOCHEMISTRY	Thalladi, V.	Research Corporation	Control of Polymorphism Using Micropatterned Supramolecular Templates	\$	35,000
CIVIL & ENVIRONMENTAL ENGINEERING	Ray, M.	APTEK	Impact Testing of Reinforced and Unreinforced Concrete Beams	\$	26,919
ELECTRICAL & COMPUTER ENGINEERING	Vaz, R. *Heinricher, A. *Zeugner, J. *Demetry, C. *Krueger, J.	Assoc. of American Colleges & Universities	Leadership Centers for the New Academy: Expanding Greater Expectations	\$	74,915

FIRE PROTECTION ENG'G.	Barnett, J.	DOD/Navy	Calibration of the Improved Full Scale Flame Test Apparatus for Clothing	\$	29,595
MATHEMATICAL SCIENCES	Yakovlev, V.	Electrotechnology Appli Center	CAD of a Slotted Waveguide Applicator	\$	17,157
MECHANICAL ENG'G.	Apelian, D.	DOE	Low Cost and Efficient Methods for the Manufacture of SSM Feedstock	\$	52,700
	Apelian, D. *Gatsonis, N. *Makhlouf, M. *Pryputniewicz, R.	NSF	Nanostructure Materials Processing Technology Center	\$	17,000,000
	Pryputniewicz, R.	Draper Laboratory	Determination of Hysteresis of MEMS Sensors and Gold-tin Material Characterization by ACES Methodology	\$	100,000
PHYSICS	Lew Yan Voon, L.	NSF	Supplemental REU	\$	4,000
			TOTAL	\$	18,699,614