

REPORT OF AWARDS

For the Month of August 2002

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>		<u>Amount</u>
BIOMEDICAL ENG'G.	Pins, G.	Whitaker Foundation	Engineering of Microtextured Basal Lamina Analogs to Control Keratinocyte Function & Enhance the Performance	\$	222,418
CHEMICAL ENG'G.	Ribeiro, F.	Oak Ridge National Laboratory	Testing & Modeling of Catalysts and Absorbents for NOX Abatement	\$	40,177
	Thompson, R. *Datta, R.	Yardney Technical Products, Inc.	Modeling of Fluidized Bed and Fuel Cell Systems	\$	20,000
COMPUTER SCIENCE	Heffernan, N.	Nat'l. Academy of Education	A Comparison of Student Learning Under Multiple Conditions	\$	50,000
	Heineman, G.	NSF	ITR/SY: Features, Components, and Legacy Systems	\$	91,000
ELECTRICAL & COMPUTER ENGINEERING	Sunar, B.	NSF	CAREER: New Directions in Cryptographic Hardware	\$	330,000
FIRE PROTECTION ENG'G.	Barnett, J.	Sandia National Laboratories	Cable Failure Based on Electrical Resistance	\$	3,993
	Barnett, J.	DOD/Navy	Calibration of the Improved Full Scale Flame Test Apparatus for Clothing	\$	29,887

MECHANICAL ENG'G.

Sullivan, J.	Dartmouth College	Adaptive Dual Mesh Strategy Development in Support of Alt. Breast Cancer Imaging Modalities	\$	46,041
Blandino, J.	Jet Propulsion Labs (NASA)	Characterization of Dryout Point in Two-Phase Microchannel Flows	\$	10,000
Apelian, D.	DOE	Materials and Process Design for High-Temperature Carburizing: Integrating Processing and Performance	\$	161,000
Brown, C.	Kennametal	Advanced Image Acquisition System	\$	37,301
Brown, C.	Computer Optics, Inc.	Measuring the Texture of the Scratches on the Germanium Domes to Determine if They Are Repairable	\$	42,874
*CPI		Total	\$	1,084,691