

REPORT OF AWARDS

For the Month of March/2002

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
CHEMISTRY & BIOCHEMISTRY	MacDonald, J.	ACS-PRF	Design of Porous Crystalline Solids Using Coordination Chemistry & Ionic Hydrogen Bonds	\$ 4,163
ELECTRICAL & COMPUTER ENGINEERING	Looft, F.	NASA	Student Projects at the Goddard Space Flight Center	\$ 20,000
	Ludwig, R.	UMASS Medical School	Feasibility Study to Develop RF Coils for High-Field MRI	\$ 9,456
IGSD	Vernon-Gerstenfeld, S.	USDA	Survey & Analysis of Rural Tree Planting Done Under the Proyecto de Reforstacion Puertorriqueno	\$ 5,000
MATHEMATICAL SCIENCES	Walker, H.	University of Utah	Numerical Algorithms & Software for C-SAFE	\$ 145,000
	Yakovlev, V.	Energyst Develop. Center Inc.	Models of Electromagnetic Processes in Combined System of Microwave Thermal Processing	\$ 15,000
	Walker, H.	Sandia National Laboratories	Nonlinear Equations Research	\$ 52,777
MECHANICAL ENG'G.	Hermanson, J. *Pedersen, P. *Durgin, W.	NASA	Stability & Heat Transfer Characteristics of Condensing Films in Reduced Gravity	\$ 79,935

	Pryputniewicz, R. *Furlong, C.	BWXT Pantex	Development of OEH Methodology for Shape Measurements	\$	549,974
	Hoffman, A.	UMASS Worcester	Stretch Sensitivity of Mouse Cutaneous Afferent Neurons	\$	34,894
	Hermanson, J. *Johari, H.	NASA	Combustion Characteristics of Fully-Modulated, Turbulent Diffusion Flames in Reduced Gravity	\$	119,677
PHYSICS	Ram-Mohan, L.	University of Buffalo	Spintronics & Spin-photonics in Ferromagnetic InAs/GaSb-Based Heterostructures	\$	76,393
	*CPI		Total	\$	1,112,269