

REPORT OF PROPOSALS

For the Month of March/2005

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
BIOLOGY & BIOTECHNOLOGY	Weathers, P. *Sharaf-Eldin, M.	Binational Fulbright Commission	Scale-up of Artemisinin Production in Hairy Roots Grown in a Mist Bioreactor	\$ 22,000
CHEMISTRY & BIOCHEMISTRY	MacDonald, J. C. *McGimpsey, W. G.	DOE	Templated Assembly of Molecular Wires and Devices on Surfaces	\$ 575,784
CHEMICAL ENG'G	Ma, Y. H.	Infoscitex (STTR)	Liquid Droplet Separation from Vapor	\$ 40,419
ELECTRICAL & COMPUTER ENG'G	Brown, D. R.	NSF	CAREER: Cooperative Communication Systems: Resource Allocation, Self-Organization, and Synchronization	\$ 7,150
	McNeill, J.	Teradyne Inc.	Device Damage During Electrical Test	\$ 56,040
MATHEMATICAL SCIENCES	Yakovljev, V.	U.S. Civilian R&D Foundation	Innovative Resonator and Sensor Techniques for Accurate Determination of Complex Permittivity of Lossy Liquids	\$ 15,550
MECHANICAL ENG'G.	Fofana, M.	NSF	Stability Bifurcations to Modulated Time Delays	\$ 771,373
	Tryggvason, G. *Olinger, D. *Hou, Z. *Brown, C. *Demetry, C.	NSF	Mechanical Engineering for the Millenials	\$ 1,000,000
	Durgin, W. W.	Nextechologies (NASA)	Innovative Airworthiness Certification Concepts and Quality Assurance Processes for the PAV	\$ 30,344

SS&PS	Wilkes, J. M. *Weaver, E. A.	NSF	Longitudinal Investigation of Educational and Career Outcomes for a 1984 Cohort	\$ 50,176
OTHER	Durgin, W. W. *Camesano, T.	NSF	PAESMEM: Nomination of Terri Camesano for Mentoring Activities to Increase Diversity in Engineering	\$ 10,000
	Flanagan, P.	MA Board of Library Commissioners (IMLS)	LibQual+ Survey	\$ 3,000
	*CPI		Total	\$ 2,581,836