

REPORT OF PROPOSALS

For the Month of July/2004

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
BIOLOGY & BIOTECHNOLOGY	Mathews, L.	NSF	CAREER: Phylogeography of a Marine Sibling Species Complex	\$ 574,637
BIOMEDICAL ENGINEERING	Shonat, R.	Whitaker Foundation	Three Dimensional Imaging of Oxygen Tension in the Diabetic Retina	\$ 79,660
	Pins, G.	NSF	CAREER: Rational Design of Microfabricated Basal Lamina Analogs to Enhance the Performance of Engineered Skin Tissue	\$ 424,036
CHEMICAL ENG'G.	Wilcox, J.	NSF	CAREER: On the Prevention of Selenium & Arsenic Release into the Atmosphere	\$ 399,761
CHEMISTRY & BIOCHEMISTRY	Thalladi, V.	NSF	CAREER: Discovery & Selective Growth of Polymorphs Using Self-Assembled Monolayer Templates and Nanoscopic Confinement	\$ 523,515
	MacDonald, J.	NSF	CAREER: Design and Synthesis of Porous Solids from Novel Frameworks	\$ 671,437
CIVIL & ENVIRONMENTAL ENGINEERING	Bergendahl, J.	NSF	CAREER: Prediction of Deformable Particle Detachment from Rough Surfaces	\$ 498,853
COMPUTER SCIENCE	Heffernan, N.	NSF	CAREER: Learning about Learning	\$ 738,951

	Mani, M.	NSF	CAREER: Efficient Integration of Web and Database Technologies	\$ 514,956
	Agu, E.	NSF	CAREER: Mobile 3D Graphics	\$ 730,382
ELECTRICAL & COMPUTER ENGINEERING	Ludwig, R. *Sullivan, J.	Dartmouth College	Magnetic Resonance Microwave Absorption and Tomography	\$ 658,865
	Cyganski, D.	MIT Lincoln Laboratory	Electronic Warfare System	\$ 26,591
	Brown, D.	NSF	CAREER: Cooperative Communication Systems: Resource Allocation, Self-Organization, and Synchronization	\$ 402,824
	Michalson, W.	US Army	Real-Time Troop Physiological Status Monitoring Systems Using a Common Wireless Network	\$ 74,048
	King, B.	NSF	CAREER: Ultra-High Density Volumetric Optical Data Storage	\$ 426,217
FIRE PROTECTION ENGINEERING	Woycheese, J.	Society for Fire Protection Eng'g	Distance Learning Technologies Enhancement	\$ 39,998
IGSD	Krueger, R	Dept. of Housing & Urban Development	Piedmont Neighborhood Empowerment Institute	\$ 399,972
MANAGEMENT	Danneels, E.	NSF	CAREER: Longitudinal Study of Firm Renewal Through Innovative New Product Programs in Turbulent Environments	\$ 640,492
MECHANICAL ENG'G.	Brown, C.	Cal Poly State University	Innovations in Manufacturing Engineering Education	\$ 9,999
	Moon, Y.	NSF	CAREER: Human Assisting System Design	\$ 409,649

	Furlong-Vazquez,C.	NSF	CAREER: Integrated Design, Analysis, Fabrication, and Testing of MEMS and NEMS	\$ 451,964
SS&PS	Weaver, E.	NSF	CAREER: How Do Judgment Weights Change Over Time	\$ 489,989
	*CPI		Total	\$ 9,186,796