

Report of Awards

For the Month of September 2000

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
BIOMEDICAL ENGINEERING	Shonat, R.D.	Univ. of Mass/Worcester	Diabetes-Endocrinology Research Center	\$30,000
CIVIL & ENVIRONMENTAL ENGINEERING	Mallick, R.B.	Univ. of Mass/Dartmouth	Evaluation of Permeability of Superpave Mixes	\$49,723
	Ray, M.H.	DOT	Center of Excellence in DYNA3D Analysis	\$50,000
CHEMICAL ENGINEERING	Wyslouzil, B.E.	NSF	CRAEMS: Fundamental Studies of Nanoparticle Formation in Air Pollution	\$988,915
COMPUTER SCIENCE	Rundensteiner, E.A.	NSF	Data Warehouse Maintenance Over Dynamic Distributed Information Sources	\$80,000
	Ward, M.O. *Rundensteiner, E.A.	NSF	Hierarchical Visualization Techniques for Data Mining	\$12,000
ELECTRICAL & COMPUTER ENGINEERING	Bromberg, M.C.	Radix Wireless Inc.	Synchronization and Gain Control for Wireless OFEM Communication Using Smart Antennas	\$19,578
	Pahlavan, K.	NSF	Indoor Geolocation Science for 4G Wireless Information	\$269,999
FIRE PROTECTION ENGINEERING	Barnett, J.R.	DOD/Navy	R & D of an Improved Full Scale Flame Test Apparatus for Clothing	\$147,245
MATHEMATICAL SCIENCES	Nandram, B.	DHHS	Optimizing Aggregation Parameters for Geographic Analysis	\$29,985

MECHANICAL ENGINEERING	Hou, Z.	Factory Mutual Research Corp.	A Feasibility Study on Using Advance Technology to Improve Performance of Roof Systems in Severely Windy Environment	\$25,500
	Sullivan, J.M.	Univ. of Mass/Worcester	Functional MRI of Sexual Motivation in Nonhuman Primates	\$29,538
PHYSICS	Ram-Mohan, L.R.	NSF	Investigation of Physical Mechanisms in Multi-band Tunneling in Layered Semiconductor Structures	\$117,977
			TOTAL	\$1,850,460
*CPI				

