

# Report of Awards

## For the Month of May 2001

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
BIOMEDICAL ENGINEERING	Shonat, R.	The Whitaker Foundation	Three Dimensional Imaging of Oxygen Tension in The Diabetic Mouse Retina	\$239,896
CHEMICAL ENGINEERING	Dixon, A.	Synetix	Catalyst Design for Improving Heat Transfer Near the Wall of a Fixed Bed Reactor Tube	\$55,916
	Ribeiro, F.	NSF	CAREER: Educational and Research Opportunities in Environmental Engineering: Catalysis as a Tool for Solving Environmental Problems	\$4,688
ELECTRICAL & COMPUTER ENGINEERING	Makarov, S.	NSF	Analysis and Design of Volume Photonic Metal Grid Antenna Elements	\$140,000
MANAGEMENT	Strong, D. *Elmes, M. *Volkoff, O.	NSF	The Relationship of Enterprise Resource Planning (ERP) Implementation to Organizational Changes in Control, Task Structure, and Workarounds	\$299,987
MATHEMATICAL SCIENCES	Walker, H.	University of Utah	Numerical Algorithms and Software for C-Safe	\$89,059
MECHANICAL ENGINEERING	Gatsonis, N.	MIT	WPI/Space Grant Aerospace Projects	\$10,834
	Johari, H.	DOD/Army	Aerodynamics of Parachute Opening	\$46,255
	Pryputniewicz, R. *Furlong, C.	Sandia National Laboratories	Investigation of a Matrox Frame Grabber	\$25,000
	Pryputniewicz, R. *Furlong, C.	BWXT Pantex	Development of a Laser-based Optoelectronic Holography System for Inside Shape Measurements	\$139,613
	Pryputniewicz, R. *Furlong, C.	BWXT Pantex	Optimization of Optoelectronic Holography System	\$135,451
	Rong, K.	NSF	GOALI: Integrated and Computerized Setup Planning and Fixture Design	\$199,491
	*CPI		TOTAL	\$1,386,190