

REPORT OF PROPOSALS

For the Month of August/2004

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
CHEMICAL ENG'G.	Camesano, T. *DiBiasio, D.	NSF	REU Site: Integrated Bioengineering Research, Education, and Outreach Experiences for Females and Underrepresented Minorities at WPI	\$ 271,255
CIVIL & ENVIRONMENTAL ENGINEERING	Mallick, R.	Edwards & Kelcey	Development of Rut and Moisture Resistant HMA for Logan International Airport, Boston, MA-Pase 2A & 3A	\$ 86,866
	Mallick, R.	UMASS Dartmouth	Relating Hot Mix Asphalt Pavement Density to Performance	\$ 25,182
COMPUTER SCIENCE	Rundensteiner, E. *Finkel, D. *Heineman, G. *Mani, M.	NSF	CRI: High-Performance Computer Cluster Testbed for Scalable Data-Intensive Applications	\$ 284,375
	Ward, M.	Air Force Research Laboratory	Clutter Measurement and Reduction for Enhanced Information Visualization	\$ 75,865
MATHEMATICAL SCIENCES	Yakovlev, V.	Michigan Research Institute	Modeling and Optimization of Electromagnetic Pasteurization of Eggs	\$ 80,655
	Vernescu, B.	MIT Lincoln Laboratory	Focal Plane Tracking Algorithm Development	\$ 73,578
	Walker, H.	Sandia National Laboratories	Nonlinear Solvers Research	\$ 97,719

MECHANICAL ENG'G.	Blandino, J.	Jet Propulsion Lab.	Development of a Performance Model for the Hydrazine MilliNewton Thruster	\$ 60,000
PHYSICS	Norbury, J.	NASA	Hadron and Electromagnetic Cross Sections and Transport	\$ 562,899
	*CPI		Total	\$ 1,618,394