

**REPORT OF PROPOSALS**

**For the Month of August/2001**

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
<b>CHEMISTRY &amp; BIOCHEMISTRY</b>	DiBiasio, D.	NSF	Assessing the State of Web-Based Laboratory Teaching and Learning	\$ 9,688
<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING</b>	Ray, M.	Battelle Mem. Labs.	Simulation and Analysis of Guardrail Systems Impacted by a 3/4 Ton Pick-up Truck	\$ 22,693
<b>HUMANITIES</b>	Zeugner, J.	DOD/Army	Thai and Mandarin to Enhance WPI's Science/Engineering Project Centers in Asia	\$ 436,606
<b>MATHEMATICAL SCIENCES</b>	Nandram, B.	NSF	Hierarchical Bayesian Nonignorable Nonresponse Regression Models for Small Areas Under Informative Sampling	\$ 279,787
<b>MECHANICAL ENG'G.</b>	Johari, H.	DOD/ARO	Acquisition of a Stereoscopic 3D Particle Image Velocimetry System	\$ 169,000
	Mayer, J.	Radiation, Science & Health, Inc.	Center for Nuclear Technology and Society	\$ 85,896
	Brown, C.	Kennametal, Inc.	Design and Implementation of an Automated Cutting Tool Wear Measurement System	\$ 34,867
	Rong, Y.	Delphi Automotive Systems	Extension of PEMS into Turning Application	\$ 80,000
	Rong, Y.	Delphi Automotive Systems	Lean Manufacturing Process Design and Implementation for Wheel Bearing Manufacturing	\$ 20,000
	<b>*CPI</b>		<b>Total</b>	\$ 1,138,537