

## REPORT OF AWARDS

For the Month of September/2002

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
<b>CHEMICAL ENG'G.</b>	Thompson, R. *Gatsonis, N. *McGimpsey, W.	NSF	NIRT: Experimental & Computational Investigations of Fluid Properties and Transport Phenomena in Nanodomains with Controlled Surface Properties	\$ 622,350
	Ma, Y.H.	Shell Intl. Exploration & Production, Inc.	Ultra Thin Pa & Pd/ Alloy Membranes for Hydrogen Separation and Reaction Applications	\$ 586,658
<b>COMPUTER &amp; COMMUNICATION CENTER</b>	Mullen, J.	Oklahoma Univ.	CRCD: Integration of High Performance Computing in Nanotechnology	\$ 18,693
<b>CIVIL &amp; ENVIRONMENTAL ENGINEERING</b>	Ray, M. *Plaxico, C.	Batelle Memorial Lab.	Simulation & Analysis of a Guardrail System Impacted (With X-44 Posts) by a 3/4 Ton Pickup Ton	\$ 9,900
	Ray, M. *Weir, J.	ATSSA	ATSSA Guardrail Level II Training Course	\$ 29,075
<b>ELECTRICAL &amp; COMPUTER ENGINEERING</b>	Clements, K.	NSF	Stochastic OPF and Transaction Monitoring in Deregulated Power Markets	\$ 73,445
<b>FIRE PROTECTION ENG'G.</b>	Woycheese, J.	NIST	Web-Based Resources for Fire Science	\$ 92,295
	Barnett, J. *Lucht, D.	3M Speciality Materials	Methods for Analyzing Thermal Decomposition Products from Interaction of C6-F-Ketone with Flame Front	\$ 20,280
<b>MECHANICAL ENG'G.</b>	Sullivan, J.	UMASS Medical School	Development and Refinement of Registration and Warping Algorithms Necessary to Transform MRI and Histological Images into a Standardized Reference Space	\$ 72,853
	<b>*CPI</b>		<b>Total</b>	<b>\$ 1,525,549</b>