

**REPORT OF AWARDS**  
**For the Month of April/2005**

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
<b>CHEMICAL ENG'G</b>	Camesano, T.	NSF	CAREER: Molecular-Scale Interactions Between Microbes and Surfaces in the Environment	\$ 78,385
	Dixon, A.	Johnson Matthey PLC	Catalysts Design and Detailed Modeling for Fixed Bed Reactors Using CFD	\$ 32,964
	Datta, R.	Plug Power Solutions	Development of High Temperature Fuel Cell	\$ 119,954
<b>COMPUTER SCIENCE</b>	Heffernan, N.	NSF	CAREER: Learning About Learning	\$ 130,267
	Sarkozy, G. N.	NSF	Extremal Problems in Graph Theory	\$ 62,160
<b>ELECTRICAL &amp; COMPUTER ENG'G</b>	Brown, D.	NSF	CAREER: Cooperative Communication Systems: Resource Allocation, Self Organization, and Synchronization	\$ 6,000
<b>MATHEMATICAL SCIENCES</b>	Walker, H.	University of Utah (DOE)	Algorithms and Software for C-SAFE	\$ 34,000
<b>MECHANICAL ENG'G</b>	Trggvason, G. *Esmaeeli, A.	NASA	Studies of Forced Convection Boiling by Direct Numerical Simulations	\$ 110,407
	Apelian, D. *Makhlouf, M.	Advanced Technology Institute (DOE)	Commercially Viable, Low Cost, and Energy Efficient Processing of Semi-Solid Aluminum Alloys	\$ 180,000
<b>OTHER</b>	Gerstenfeld, A.	Dept. of Education	South Africa: The Engine of Growth in Africa	\$ 98,752
	<b>*CPI</b>		<b>Total</b>	<b>\$ 852,889</b>