

**Report of Awards**  
For the Month of January 2001

<u>Department</u>	<u>Investigator</u>	<u>Sponsor</u>	<u>Title</u>	<u>Amount</u>
CHEMICAL ENGINEERING	Ribeiro, F.	Hyperion Catalysis Int'l, Inc.	New Nanoscale Catalysts Based on Molybdenum and Tungsten Carbides and Oxycarbides	\$13,532
	Ribeiro, F.	Dept. of Energy	Complete Oxidation of Methane on Palladium Catalysts	\$100,000
	Wyslouzil, B.	NSF	Collaborative Experimental Investigation of Vapor Phase Nucleation	\$16,000
CIVIL & ENVIRONMENTAL ENGINEERING	Mallick, R.	Infrasense, Inc.	Non-Destructive Measurement of Pavement Layer Thickness	\$22,037
ELECTRICAL COMPUTER ENGINEERING	Pahlavan, K. *Makarov, S. *Beneat, J.	University of Oulu	Preliminary Study of Small-Scale Ultra Wideband Antennas	\$15,000
MATHEMATICAL SCIENCE	Walker, H.F.	Sandia National Laboratory	Nonlinear Solvers Research and Short Course	\$53,349
MECHANICAL ENGINEERING	Katz, R.	MER Corp.	Novel, Low-Cost Processing of Functionally Gradient Ceramic-Matrix, Metal-Matrix Composite Materials	\$30,177
	Tryggvason, G.	NASA	Splashing Drops	\$25,000
PHYSICS	Ram-Mohan, L.R.	University of Buffalo	Spintronics and Spin-Photonics in Ferromagnetic InAs/GaSb-Based Heterostructures	\$74,893
	*CPI		TOTAL	\$349,988





