

Worcester Polytechnic Institute
Report of Awards Received
March 2006

Department	PI	Co-PI	Project Title	Sponsor	Awarded	Cost Sharing
Chemical Engineering	David DiBiasio	Natalie Mello	Assessing the Peer Review Process at NSF	National Science Foundation	\$9,940.00	\$0.00
	Jennifer Wilcox		CAREER: On the Prevention of Selenium and Arsenic Release into the Atmosphere	National Science Foundation	\$133,319.00	\$19,290.00
Computer Science	Kathi Fisler		CAREER: A Computational Infrastructure for Timing Diagrams in Computer-Aided Verification.	National Science Foundation	\$74,492.00	\$18,300.00
Mathematical Sciences	Dalin Tang	Joseph Petruccelli, Homer Walker	Multi-Physics Modeling and Meshless Method for Atherosclerotic Plaque Progression	National Science Foundation	\$377,461.00	\$0.00
Mechanical Engineering	Diran Apelian	Makhlouf Makhlouf	High Performance Die Casting Alloys	Advanced Technology Institute	\$5,000.00	\$2,500.00
	Diran Apelian	Makhlouf Makhlouf	Commercially Viable, Low Cost, and Energy Efficient Processing of Semi-Solid Aluminum Alloys	Advanced Technology Institute	\$65,000.00	\$80,000.00
	Gretar Tryggvason	Asghar Esmaeeli	Investigations of Bubbly Flows Using Direct Numerical Simulations	Department of Energy	\$130,614.00	\$0.00
	Nikos Gatsonis		A Hierarchical Multiscale Particle Computational Method for Simulation of Nanoscale Flows on 3d Unstructured Grids	Air Force Office of Scientific Research	\$81,764.00	\$0.00
Totals for March 2006 (8 awards)					\$877,590.00	\$120,090.00