

**Worcester Polytechnic Institute
Report of Awards Received
October 2006**

Department	PI	Co-PI	Project Title	Sponsor	Awarded	Cost Sharing
Biomedical Engineering	Kristen Billiar		Mechanical Regulation of Valvular Interstitial Cell Activation	American Heart Association	\$65,000.00	\$25,419.00
Civil and Environmental Engineering	Malcolm Ray		LS-DYNA Crash Simulation of the Annisquam River Bridge for Report 350 Test Level Three Conditions	Gill Engineering	\$30,423.00	\$0.00
Computer Science	Kathi Fisler	Daniel Dougherty	Representation, Analysis, and Verification of Access Control in Dynamic Environments	Brown University	\$97,266.00	\$0.00
Electrical and Computer Eng'g.	Alexander Emanuel	James Doyle	Peak Power Demand Reduction	ISO New England	\$63,718.00	\$0.00
	Kaveh Pahlavan		Indoor Geolocation Using RF Multipath Diversity - Phase II	Draper Laboratory	\$122,000.00	\$0.00
Mathematical Sciences	Arthur Heinricher	Bogdan Vernescu, Suzanne Weekes	Focus on Mathematics: Creating learning Culture for High Student Achievement	Boston University	\$86,540.00	\$0.00
Mechanical Engineering	Gretar Tryggvason		Direct Numerical Simulations of Nucleate Flow Boiling	Sandia National Laboratory	\$106,999.00	\$0.00
	Yiming Rong		Fundamental Research on Grinding Technology	Saint Gobain Abrasives	\$12,200.00	\$3,193.00
Total (8 awards)					\$584,146.00	\$28,612.00