

Worcester Polytechnic Institute
Report of Proposals Submitted
August 2007

Department	Principal Investigator	Co-PI	Project Title	WPI Sponsor	Prime Sponsor (if Sub)	Program Type	Requested	Cost Sharing	Proposal #
Bioengineering Institute	Driscoll, P.		Development of a Photosensitive Nerve Cell Network	NIH		Research	\$81,944.00	\$0.00	8028
Subtotal							81,944.00	\$0.00	
Biomedical Engineering	Sotak, C.		Establishing an Animal Model for Parkinson Disease	University of Massachusetts Worcester	DHHS	Research	\$16,518.00	\$0.00	8026
Subtotal							16,518.00	\$0.00	
Chemistry and Biochemistry	Connors, R.		Light-Activated Decontaminating Suraces (LADS) for Individual and Collective Protection	Ventana Research Corporation	Air Force	Research	\$60,005.00	\$0.00	8022
Subtotal							\$60,005.00	\$0.00	
Computer Science	Heffernan, N.		Computer Science Study Group: Building Intelligent Tutoring System	Defense Advanced Research Projects Agency (Army)		Research	\$98,247.00	\$0.00	8024
Subtotal							\$98,247.00	\$0.00	
Electrical and Computer Eng'g.	Sunar, B.		Extended Cryptographic Functionality for Intel Proprietary Architectures	Intel Corporation		Research	\$44,912.00	\$0.00	8030
Subtotal							\$44,912.00	\$0.00	
Fire Protection Eng'g.	Dembsey, N.		Development of Guidelines for Obtaining Material Parameters for Input into Fire Models	National Institute of Standards & Technology/Technology Administration/DOC		Research	\$599,640.00	\$0.00	8025
Subtotal							\$599,640.00	\$0.00	
Interdisciplinary & Global Studies	DiBiasio, D.		Cooperative Agreement with Consumer Product Safety Commission	Consumer Product Safety Commission		Education/ Training	\$6,000.00	\$0.00	8027
	Krueger, R.		Neoliberal Sustainability? Examining Institutional Change and Smart Growth in the US and UK	NSF		Research	\$160,573.00	\$0.00	8023
Subtotal							\$166,573.00	\$0.00	
Mechanical Engineering	Backman, D.	Henry, M.	An Enhanced Fatigue Facility for Elevated Temperature Testing with Superalloys	Air Force Office of Scientific Research		Equipment	\$73,643.00	\$0.00	8029
Subtotal							\$73,643.00	\$0.00	
Physics	Zozulya, A.		Integrated Cold Atomo Chip Interferometer	University of Colorado	Defense Advanced Research Projects Agency (Navy)	Research	\$89,998.00	\$0.00	05178cr1
Subtotal							\$89,998.00	\$0.00	
Total (10 proposals)							\$1,231,480.00	\$0.00	