

**Worcester Polytechnic Institute
Report of Proposals Submitted
April 2007**

Department	Principal Investigator	Co-PI	Project Title	WPI Sponsor	Prime Sponsor (If Sub)	Program Type	Requested	Cost Sharing
Biology and Biotechnology	Duffy, J.		Analysis of LIG Molecules: A Novel Class of Signal Transduction Modulators	NSF		Research	6,250	
	Weathers, P.		Collaborative Research: Scale up Studies of an Inexpensive Mist Bioreactor for Hairy Roots	NSF		Research	464,036	0
Subtotal							470,286	0
Computer Science	Mani, M.		Assisting Patients Manage Individual Health Records	Massachusetts Technology Transfer Center	Commonwealth of MA	Research	38,133	0
Subtotal							38,133	0
Mass. Academy of Math and Science	Traver, R.	Arguello, J., Gibson, D., Goulet, J., Jasperson, S.	NSF Noyce Scholarship Program at WPI with Worcester Public Schools	NSF		Education/ Training	696,223	
Subtotal							696,223	
Mathematical Sciences	Lui, R.		Mathematics of Molecular and Cellular Biology	University of Minnesota	NSF	Other	49,000	0
Subtotal							49,000	0
Mechanical Engineering	Rong, Y.		Signature Analysis of OD Cylindrical Grinding Processes	Saint Gobain Abrasives		Research	75,000	14,694
	Rong, Y.		Computer-Aided Modular Fixture Design System	Caterpillar Technical Center		Research	60,000	10,769
Subtotal							135,000	25,463
Social Sciences & Policy Studies	Gobert, J.	Kim, R., Heffernan, N., Ruiz, C.	ASSISTments Meets Inquiry	NSF		Research	1,489,159	0
Subtotal							1,489,159	0
Total (8 Proposals)							2,877,801	25,463