

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

Department	Principal Investigator	Co-PI	Project Title	WPI Sponsor	Prime Sponsor (if Sub)	Program Type	Requested	Cost Sharing	Proposal #
Civil and Environmental Engineering	Mallick, R.		In-Place Response Mechanisms of Recycled Layers Due to Temperature and Moisture Variations	Univ. of New Hampshire	DOT	Research	74,916	0	<a href="#">8105</a>
Subtotal: 1							74,916	0	
Computer Science	Fisler, K.		From Informal Specifications to RTL Assertions for Bus Protocols	NSF		Research	365,900	0	<a href="#">8096</a>
	Gennert, M.	Cyganski, D., Looft, F., Tryggvason, G., Demetriou, M.	INT2-Small: Robotics Curriculum Collaboratory	NSF		Research	450,000	0	<a href="#">8104</a>
	Mani, M.		III-COR: Small: Provenance Management Systems - Enabling Next Generation Applications	NSF		Research	436,511	0	<a href="#">8106</a>
	Mani, M.		III-COR: Small: Enabling Data Integration Solutions using XML Views	NSF		Research	449,424	0	<a href="#">8107</a>
	Rich, C.		Engagement and Collaboration in Human-Robot Interaction	NSF		Research	449,822	0	<a href="#">8097</a>
	Rundensteiner, E.		III-COR-Small: Query Mesh: A Novel Paradigm for Query Processing	NSF		Research	449,660	0	<a href="#">8098</a>
	Ward, M.	Rundensteiner, E.	CPA-G&V: Interactive Stream Views: Visual Analysis of Streaming	NSF		Research	499,857	39,662	<a href="#">8099</a>
	Ward, M.	Rundensteiner, E.	III-COR-Small: Managing Discoveries in Visual Analytics	NSF		Research	449,849	89,670	<a href="#">8101</a>
Subtotal: 8						3,551,023	129,332		
Electrical and Computer Eng'g.	Wygłinski, A.	Skorinko, J., Heffernan, N.	HCC-Small: Human Activity-Driven Adaptation for Programmable Wireless Networking Devices	NSF		Research	328,714	0	<a href="#">8095</a>
Subtotal: 1						328,714	0		
Mathematical Sciences	Sarkis, M.		Stochastic Finite Elements and Domain Decomposition: Algorithms, Analysis and Applications	NSF		Research	296,715	0	<a href="#">8103</a>
Subtotal: 1						296,715	0		
Mechanical Engineering	Blandino, J.	Gatsonis, N.	Experimental and Computational Investigation of Dust Electrodynamics in Partially-Ionized Plasmas	NSF		Research	334,152	0	<a href="#">8102</a>

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

Subtotal: 1					Count: 1		334,152	0	
Physics	Zozulya, A.		Center of Ultracold Matter Engineering Systems, an NSF Engineering Research Center	University of Colorado, Boulder	NSF	Research	512,179	42,315	<a href="#">8100</a>
Subtotal: 1							512,179	42,315	
<b>Total: 13 proposals</b>							<b>5,097,699</b>	<b>171,647</b>	