

Worcester Polytechnic Institute  
Report of Awards Received  
December 2005

Department	PI	Co-PI	Project Title	Sponsor	Awarded
Civil and Environmental Engineering	Rajib Mallick		Development of Specification Guidelines for Full Depth Reclamation Using the Ground Penetrating Radar and Portable Seismic Property Analyzer	Maine Department of Transportation	\$97,642.00
Electrical and Computer Eng'g.	Peder Pedersen	William Michalson, Yitzhak Mendelson, Grant McGimpsey, James Duckworth	Real-Time Troop Physiological Status Monitoring Systems Using a Common Wireless Network.	Army Research Office	\$3,225,000.00
	Wenjing Lou		Power-Aware / Energy-Efficient Routing and Security in Wireless Sensor Networks	AirSprite Technologies, Inc.	\$100,124.00
Gordon Library	Rodney Obien		Print Worcester: Documenting Worcester's Printing Industry	Massachusetts Historical Records Advisory Board	\$5,000.00
Mechanical Engineering	Diran Apelian	Makhlouf Makhlouf	Commercially Viable, Low Cost, and Energy Efficient Processing of Semi-Solid Aluminum Alloys	Advanced Technology Institute	\$20,000.00
	Hamid Johari		High Fidelity Experimentation for Validation and Verification of Computational Modeling of Airdrop Systems	Department of Defense	\$133,172.00
	Nikos Gatsonis		Modeling and Experiments for the Compact Induced Current Hall Thruster	Busek, Co.	\$111,807.00
Physics	Alex A Zozulya		Integrated Cold Atom Chip Interferometer	University of Colorado	\$103,681.00
<b>Totals for December 2005 (8 awards)</b>					<b>\$3,796,426.00</b>

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**Cost Sharing**

\$0.00

\$0.00

\$18,444.00

\$5,350.00

\$30,000.00

\$0.00

\$0.00

\$0.00

**\$53,794.00**