

**FY 2004 DoD Instrumentation and Research Support for Hispanic-Serving Institutions (HSI)**

**Award Recipients**

<b>Institution</b>	<b>State</b>	<b>Principal Investigator</b>	<b>Proposal Title</b>	<b>Type Award</b>
California State University - Fresno	CA	Dr. Somnath Chattopadhyay	The Innovative Development of Avalanche PhotoDiode/OPFET Photodetectors for Optical Modulator/Optical Interconnects Application	Research
CUNY - City College of New York	NY	Dr. Jizhong Xiao	Co-operative Wall-Climbing Robots in 3-D Environments for Surveillance and Target Tracking	Research
CUNY - City College of New York	NY	Dr. Kollura V. Subramaniam	Blast Mitigation Using Controlled Low Strength Porous Materials and Fiber Reinforced Polymers: Experimental Investigation and Theoretical Development	Research
CUNY - City College of New York	NY	Dr. David T. Crouse	Materials and Devices Research and Educational Infrastructure Enhancement	Instrumentation
CUNY - Lehman College	NY	Professor Christopher C. Gerry	Modern Physics Laboratory Upgrade	Instrumentation
CUNY - New York City College of Technology	NY	Asst. Prof. Xiangdong Li	Establish Information Security Laboratory at New York City College of Technology	Instrumentation
New Jersey City University	NJ	Dr. Alberto A. Pinkas	Strengthening the Undergraduate Physics Lab at an Urban HSI	Instrumentation
Texas A&M International University	TX	Dr. Kenneth J. Tobin	South Texas Geosciences Project	Instrumentation
University of Miami	FL	Dr. Eugene C. Rankey	Shoal Morphodynamics and the Functions of Feedbacks in Coastal Systems	Research
University of New Mexico	NM	Asst. Prof. Sang M. Han	Growing High-Quality Germanium on Silicon by Nanoscale Heterojunction Engineering	Research
University of Puerto Rico - Rio Piedras	PR	Professor Marco A. Pravia	Distributed, Wireless, and Educational Computing Initiative at the College of Natural Sciences	Instrumentation
University of Puerto Rico - Rio Piedras	PR	Professor Eugene S. Smotkin	The Role of Surface and Core Oxides Phases in Electrocatalysis	Research
University of Puerto Rico - Rio Piedras	PR	Professor Fouad M. Aliev	Nanoconfined Polymers: Molecular Structure-Physical Properties Relationship at Nanoscale Level	Research
University of Texas - El Paso	TX	Dr. Aaron A. Velasco	Seismic Instrumentation for Solidifying Research Capabilities in Defense and Earthquake Science and Education	Instrumentation
University of Texas - Pan American	TX	Asst. Prof. Bao-Feng Feng	Mathematical Modeling of Micro and Macro Behavior of Nonlinear Materials	Research