

## FY 2005 DoD Instrumentation and Research Support for Hispanic-Serving Institutions (HSIs)

### Award Recipients

Institution	State	Principal Investigator	Proposal Title	Award Type
Adams State College	CO	Dr. Brent A. Ybarrondo	Biology and Earth Sciences at Adams State College	Instrumentation
California State University - Dominguez Hills	CA	Prof Mohsen Beheshti	Instrumentation to Support the Center for Excellence in Knowledge Management and Computational Science (CECS)	Instrumentation
California State University - San Bernardino	CA	Dr. Timothy Usher	High Displacement Piezoelectric Actuator Studies at a Minority Institution	Research
CUNY - City College of New York	NY	Dr. Daniel L. Akins	Broad Spectrum Spectrophotometer and Spectroscopic Reflectometer/Ellipsometer for Characterization of Nanoscale Materials	Instrumentation
Florida International University	FL	Dr. David Roelant	Development of a Self-organized Algorithm for Target Classification and Tracking in Unattended Acoustic Sensor Networks	Research
Florida International University	FL	Dr. Ramon Lopez dela Vega	Acquisition of a Differential Scanning Microcalorimeter and a Titration Microcalorimeter	Instrumentation
New Mexico State University	NM	Dr. Nancy J. McMillan	Development of Laser-induced Breakdown Spectroscopy: Application to Terrorist Trade Patterns of Gem Minerals and Integration into Geology Curriculum	Research
New Mexico State University	NM	Dr. Vladimir E. Ostashev	Reconstruction of Turbulent Fields in Acoustic Tomography of the Atmosphere	Research
Polytechnic University of Puerto Rico	PR	Dr. Marvi Teixeira	Computational Modeling of Large Antenna Arrays	Research
South Mountain Community College	AZ	Mr. Marshall Logvin	Cross-Disciplinary Engagement Program to Increase Participation in MSE Fields	Instrumentation
St. Mary's University	TX	Dr. Richard L. Cardenas	Creating a Biophysical Materials Characterization Laboratory to Enhance Science Education and Research	Instrumentation
University of Miami - Coral Gables	FL	Dr. Roger M. Leblanc	Purchase of a Peptide Synthesizer	Instrumentation
University of Miami School of Medicine	FL	Dr. Richard L. Rotundo	Training Program in Molecular Cell Biology of Chemical Defense	Research
University of New Mexico	NM	Prof Jean-Claude M. Diels	Optical Filaments and Electrical Discharges	Research
University of Puerto Rico - Mayaguez	PR	Dr. Miguel Velez-Reyes	Improving Algorithms for Target Detection in Hyperspectral Infrared Imagery	Research
University of Puerto Rico - Rio Piedras	PR	Dr. Ram S. Katiyar	Design and Development of Novel Nano-Structured Active Materials for Multifunctional Applications	Research

University of Texas - San Antonio

TX

Dr. Arturo A. Ayon

Acquisition of a Vector Network Analyser

Instrumentation