

FY 2008 DoD Infrastructure Support Program for HBCU/MI

AWARD RECIPIENTS

Institution	State	Principal Investigator	Proposal Title	Selecting Agency
Alabama A&M University	AL	Kaveh Heidary	Nanotechnology Infrastructure Development for Education and Research	AFOSR
Alcorn State University	MS	Yufeng Zheng	Using Advanced Image Fusion and Adaptive Image Colorization to Enhance Multi-sensory Input	ARO
Chicago State University	IL	Robert Richter	Understanding and Exploiting the Microwave Effect for Chemical Synthesis	ARO
CUNY-City College of New York	NY	Swapan Gayen	Nanoscale Photonic and Optoelectronic Materials and Devices	ARO
Delaware State University	DE	Dragoljub Pokrajac	Adaptive Approach to Identify Unusual Behavior in Video Imagery	ARO
Delaware State University	DE	Essaid Zerrad	Systematic Theoretical Analysis of Ionization Reaction	AFOSR
Fisk University	TN	Arnold Burger	Development of Infrastructure at Fisk University in the Area of Infrared Materials in Support of DoD's Mission	AFOSR
Fisk University	TN	Weijie Lu	Novel Catalyst Developments and Atomic Scale Mechanism of Carbon Nanotube Growth in Chemical Vapor Deposition Process	AFOSR
Florida International University	FL	Dwayne McDaniel	Aerospace Composites Research Program	AFOSR
Hampton University	VA	Uwe Hommerich	Infrared Spectroscopy of Novel Long-Wavelength Gain Media and for Chemical Sensing	ARO
Jackson State University	MS	Shahrouz Aliabadi	Direct Numerical Simulation of Insect-Size Micro Aerial Vehicles with Flapping Wings	ARO
New Jersey City University	NJ	Kenneth Yamaguchi	Designing Electronic Components and Devices from Inorganic Molecular Scaffolds	ARO
North Carolina A&T State University	NC	Abolghasem Shahbazi	Production of Biodiesel and Biopower from Waste Materials to Improve Energy Security and Mitigate Greenhouse Gas Emissions	AFOSR
North Carolina Central University	NC	Alade Tokuta	Realizing the Future Force: Research Issues in Robotics, Vision and Networking at North Carolina Central University	ARO
Southern University and A&M College-Baton Rouge	LA	Rambabu Bobba	Nanoionic and Nanocomposite Catalysts and Polymer Electrolyte Membranes (PEMs) for Fuel Cells and Hydrogen Energy	AFOSR
Tennessee State University	TN	Leehyun Keel	Measurement Based, Model Free Fixed Order Controller Synthesis for Multiple Performance Criteria	AFOSR
Texas Southern University	TX	Rambis Chu	Establishment of Non-intrusive Biological Agents Sensing and Non-invasive Biochemical Monitoring Systems at Texas Southern University	ARO
University of Texas-Pan American	TX	Zhijun Qiao	Micro-local Analysis and Image Reconstruction of Moving Target	AFOSR
University of Texas-Pan American	TX	Steven Tidrow	Supporting Government Laboratories Nationally as well as Industry and Education in the Rio Grande Valley Through X-ray Diffraction Facilities and Training	ARO
University of Texas-San Antonio	TX	Arturo Ayon	Uninterruptible Military Network Centric Communications Employing Power Generation from Engineered Military Fabrics	ARO
University of Texas-San Antonio	TX	Turgay Korkmaz	Prioritization-based QoS Support with Attack Resilience in Wireless Ad Hoc Networks	AFOSR