

## DHS Office of University Programs - Summer Research Teams

Year	Institution	State	Project Title
2005	Bowie State University	MD	DNA Fingerprinting for Genotyping, Germplasm Enhancement, and Molecular Mapping
2005	Clark Atlanta University	GA	Mathematical Terrorist Risk Modeling
2005	Elizabeth City State University	NC	Recovery and Disposal on Indian Reservations of Contaminated Tangibles
2005	Howard University	DC	Critical Analysis of the Impact of the Homeland Security Advisory System on Local Law Enforcement and the Public
2005	Huston-Tillotson University	TX	Simulation of the Impact of an Epidemic on an Animal Population in A Given Area
2005	John Jay College of Criminal Justice	NY	The Patriot Movement and Political Crime
2005	Morgan State University	MD	Predicting Likelihood of Future Terrorist Attacks with Bayesian Networks
2005	South Carolina State University	SC	The Transportation of Radioactive Materials in South Carolina: A Proposal for Establishing an Applied Radiation Laboratory
2005	Southern University and A&M College	LA	Protein and mRNA Expression Profile of Lactoferrin and Transferrin During Salmonella Infection
2005	The National Hispanic University	CA	Controlling Harmful Effects of Bacillus Cereus in Humans
2006	Elizabeth City State University	NC	Terrorism Risk Ranking of American Indian Gaming Communities
2006	Howard University	DC	Case Study of New Orleans Police Department During and After Hurricane Katrina
2006	Miles College	AL	Comparison of Three Protocols for the Recovery of PRD-1 from Two Common Foomites
2006	Spelman College	GA	Rational Choice and Utility Maximization of Terrorist Behavior
2006	University of Turabo, PR	PR	Optimal Resource Allocation for Enterprise IT Infrastructure
2006	South Carolina State University	SC	Securing and Protecting America's Railroad Infrastructures: Using Intelligent Transportation Systems to Prevent Terrorism
2007	North Carolina A&T State University	NC	Impact of Select Agents on the Growth of Lactic Acid Bacteria in Milk During Fermentation
2007	John Jay College of Criminal Justice, CUNY	NY	Conflict, Security, and Terrorism in Colombia
2007	Texas A&M University-Kingsville	TX	Study of BSL2 Approved Attenuated Vaccine Strain of Rift Valley Fever Virus in North American Mosquito Species
2007	Howard University	DC	Entropy in Biosurveillance
2007	University of Puerto Rico-Ponce, PR	PR	Early Detection of Avian Influenza Virus Carriers and Infected Birds
2007	Morgan State University	MD	Analyzing Entropy in Disease Surveillance Data
2007	Morgan State University	MD	Evaluating Low-Income Populations Response to Terrorist Events

2008	Hampton University	VA	Identification and Characterization of Surrogates for Ricin
2009	Wiley College	TX	The Critical Analysis of Laws and Issues Related to Border Security and Immigrations
2009	California State University, Long Beach	CA	Cost/Benefit Analysis for Detection Technology of Weapon of Mass Destruction and Radiological Dispersal Devices
2009	Johnson C. Smith University	NC	Affinity interaction between Staphylococcal Enterotoxin B (SEB) and short peptide YYWLHH by QCM and SPR
2009	John Jay College of Criminal Justice	NY	An identity-based approach to Counterterrorism Narratives
2009	Florida A&M University	FL	Fabrication of Lectin Imprinted Electrospun Fibers
2009	Morehouse College	GA	
2009	North Carolina A&T State University	NC	Optimization Approaches for Dynamic Building and Regional Evacuation Route Construction
2010	Clark Atlanta University	GA	Thermal stability of homemade explosives
2010	City College of New York	NY	Affect detection, segmentation, and recognition by fusion of facial features and body gestures
2010	Alabama A&M University	AL	Disaster and emergency evacuation traffic management
2010	New Jersey City University	NJ	Web services integration of data analytics tools
2010	University of Houston - Downtown	TX	Temporal Analysis of University Health Data for Use in Sentinel Surveillance
2010	NC A&T State University	NC	Chemical oxidation and disinfection of biothreats in water systems
2010	University of Puerto Rico at Mayaguez	PR	Economic risk analysis of electric power markets
2010	Elizabeth City State University	NC	Assessment of visible and infrared bands for monitoring ships at sea
2010	Bethune-Cookman University	FL	Retrospective and Prospective Spatial-Temporal Analysis of Smuggling Routes
2010	Whittier College	CA	Developing and validating nanoparticle-based biosensors for rapid detection of microbial and toxic agents
2010	University of Arkansas at Pine Bluff	AR	Emergency management and cyberinfrastructure security
2011	University of Puerto Rico at Rio Piedras	PR	Improved handling of explosive traces
2011	North Carolina Central University	NC	An analysis of trajectories of radicalization in the United States
2011	University of Puerto Rico at Mayaguez	PR	Evaluation of signal processing based methodologies for damage detection in civil infrastructure
2011	Texas A&M University - Corpus Christi	TX	The role of local governments in Gulf Coast community resilience
2011	University of the Virgin Islands	VI	Fourier transform ion mobility spectroscopy
2011	Morgan State University	MD	The role of cellular proteins in Rift Valley Fever Virus envelope glycoproteins functions