

Center of Excellence in Logistics and Technology (LOGTECH), Institute for Defense and Business - \$1 million

Institute for Defense and Business – UNC-Chapel Hill

336 Meadowmont Village Circle

Chapel Hill, NC 27517

The not-for-profit Institute for Defense and Business is seeking federal funding to continue its highly successful military logistics education program for all DHS component agencies. Members of the US Coast Guard, branches of the Armed Services, and now logistics professionals from the Department of Homeland Security currently take advantage of courses offered by the Center of Excellence in Logistics and Technology (LOGTECH) at the University of North Carolina-Chapel Hill.

Many of the component agencies within the Department of Homeland Security are confronted with logistical challenges in performance of their mission objectives. For example, the Federal Emergency Management Agency must mobilize critical disaster preparedness and relief assets during a national emergency; U.S. Customs and Border Protection undertakes major construction activities along the entire length of the southern border; and the U.S. Secret Service must coordinate the pre-positioning of numerous security resources for National Special Security Events. The training that logistics personnel from these and other DHS components gain through LOGTECH courses enhance the effectiveness of our nation's homeland security programs.

Cyber Security Standards Development for Industrial Automation and Control Systems, Automation Federation - \$3 million

Automation Federation

67 Alexander Drive

Research Triangle Park, NC 27709

The Automation Federation is seeking federal funding to develop cyber security standards, guidelines, and compliance procedures for industrial automation and control systems that, if compromised, could have disastrous consequences for critical infrastructure and key resources. Computerized control systems are the heart of the industrial process and utilities. By promoting the best methods to protect these critical systems from cyber hacking, the Department of Homeland Security will reduce risk to the health, safety, and economic welfare of American citizens.

Integrated Hazard Risk Management: Phase II, NC Office of Emergency Management - \$2 million

North Carolina Office of Emergency Management

4105 Reedy Creek Road

Raleigh, NC 27607-6410

The NC Office of Emergency Management is seeking federal funding to build upon the hazard

risk management system that was initiated in a four-county pilot program, extending it to additional areas of the state. This cutting-edge state emergency management tool comprehensively identifies key natural hazards, vulnerable assets and systems, and risks to life and property – all of which can be shared among state and local agencies for optimal disaster preparedness. The project's goals are to reduce risk from natural hazards, improve resiliency of both public and private sectors following natural disasters, reduce the time of recovery through preparation, and coordinate decision-making by the public and private sectors through common operating data.

North Carolina Bio-Preparedness Collaborative ("NC B-Prepared"), University of North Carolina – Chapel Hill - \$5 million

100 Manning Hall

Campus Box 3360

Chapel Hill, 27599-3360

UNC-Chapel Hill seeks federal funding to continue the development of a comprehensive, statewide system to analyze public health trends and detect incidents that may threaten homeland security. North Carolina Bio-Preparedness Collaborative (NC B-Prepared) will link disparate and dissimilar data sets to make them available for analysis and to inform decision-making in real time.

Widespread biological incidents, whether the result of natural occurrence or deliberate attack, can have tremendous consequences on public health and homeland security. Gaps in our nation's bio-surveillance and bio-response capability severely limit our ability to detect and respond to such incidents. Relevant and key data resources are not accessible, interoperable, configurable, scalable, secure or sufficiently functional to meet today's increasing threat potential. By meeting this challenge comprehensively and at a statewide level, this project is

serving as a demonstration for the Department of Homeland Security to implement a national framework for bio-surveillance and decision support for incident management.

Pre-Disaster Mitigation Plan and Implementation, Town of Cary - \$750,000

Town of Cary

316 N Academy St

Cary, NC 27512

The Town of Cary is seeking federal funding to develop and implement a pre-disaster mitigation plan. Flooding is becoming an increasing issue of concern for the Town, and a detailed examination of flood risks within the town limits will help avoid development that could put life and property at risk.