PROJECT ABSTRACT
MSEIP: Broadening Information Assurance Awareness and Competency (BIAAC)

Information assurance and security (IAS) is one of the fastest growing areas of the information economy, addressing concerns ranging from matters of national security to individual privacy. At Florida A&M University (FAMU), IAS has become one of the most popular tracks of study for students in the Department of Computer and Information Sciences (CIS). Students completing the IAS track receive industry recognized professional certification of IAS competency. This project seeks to strengthen the IAS program with the goal of increasing the number of minority students prepared to participate in this segment of the information economy.

The objectives of this project are (1) to increase the number of CIS graduates who are IAS-competent; (2) to increase the number of CIS graduates who are IAS-aware; (3) to develop and enhance CIS faculty capability to teach IAS topics; (4) to become Center of Academic Excellence in Information Assurance Education (CAEIAE).

These objectives will be accomplished through the following activities: (1) mapping IAS track to professional standards; (2) developing and incorporating IAS modules into CIS core and service courses; (3) establishing the IAS teaching lab to support the delivery of IAS modules; (4) training faculty to teach IAS topics; and (5) establishing the FAMU Center for Secure Computing and Information Assurance (FCSCIA) for research, outreach and service.

The expected outcomes of the project include the following: (1) 20% increase in students receiving IAS certificates; (2) 30% increase in CIS graduates pursuing IAS-related advanced degrees; (3) 20% increase in CIS graduates pursuing IAS-related career tracks; and (4) designation of FAMU as a CAEIAE.