

ADRA DISTINGUISHED SEMINAR SERIES

# *WORKFORCE DEVELOPMENT OF STUDENTS FROM UNDERREPRESENTED POPULATIONS IN CYBERSECURITY FOR SUCCESSFUL CAREERS IN THE DOD – A PATHWAY TO THE PH.D.*

WITH DR. KEVIN KORNEGAY



## **DR. KEVIN KORNEGAY**

EUGENE DELOATCH ENDOWED PROFESSOR AND DIRECTOR OF THE CYBERSECURITY ASSURANCE AND POLICY (CAP) CENTER, MORGAN STATE UNIVERSITY

The mission of the Cybersecurity Assurance and Policy (CAP) Center at Morgan State University is to provide the defense and intelligence community with the knowledge, methodology, solutions, and highly skilled cybersecurity workforce to mitigate the penetration and manipulation of our nation's cyber-physical infrastructure. With unprecedented economic effects, Internet of Things (IoT) devices permeate all areas of our daily lives and work. Critical infrastructure such as transportation, the smart grid, autonomous vehicles, manufacturing, health care, and many others depend on embedded systems for distributed control, tracking, and data collection. While protecting these systems from hacking, intrusion, and physical tampering is paramount, current solutions rely on unsustainable patchwork solutions. Transformative solutions involving artificial intelligence are required to protect systems where the ubiquity of connectivity and heterogeneity of IoT devices exacerbate the attack surface. In this seminar, Dr. Kornegay will present a novel Ph.D. program in Secure Embedded Systems that prepares students for productive careers in the DoD and discuss our research and workforce development activities.

**OCTOBER 21 • 3 P.M. - 4 P.M.**

**PURDUE UNIVERSITY • PMU WEST FACULTY LOUNGE**

HEAVY HORS D'OEUVRES WILL BE PROVIDED.

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