Computer Science Colloquium

A Taste of CASIS

Gerry Vernon Dozier
Department of Computer Science
North Carolina A&T State University

Tuesday, February 18, 2014
12:30pm – 1:30pm
Petty Building, Room 219

Abstract:

The Center for Advanced Studies in Identity Sciences (CASIS) is currently performing research in the areas of Advanced Biometrics and Cyber Identity Protection and Privacy. This presentation introduces CASIS as well as provides an overview of some of the research that is being done in the areas of biometric-based cybersecurity and author identification.

Speaker Bio:

Gerry Vernon Dozier is Professor & Chair of the Computer Science Department at North Carolina A&T State University. He is the director of the Center for Advanced Studies in Identity Sciences (CASIS), as well as the PI for the Center for Cyber Defense (recognized by the National Security Agency and the Department of Homeland Security as a Center for Academic Excellence in Information Assurance Education). During Gerry’s tenure as chair, the department has seen an increase in extramural funding and research publications as well as the establishment of a Ph.D. program. He has also lead in the development of an undergraduate research program where approximately 20% of the undergraduate students are active participants in funded research projects. Under Gerry’s leadership, the NSF Alliance for the Advancement of African American Researchers in Computing (A4RC, www.a4rc.org) experienced a threefold increase (from 6 to 20) in the number of participating universities. A4RC was effective in increasing the number of African-American recipients of advanced degrees in Computer Science.

Gerry has published over 130 conference and journal publications. He has served as an Associate Editor of the IEEE Transactions on Evolutionary Computation and the International Journal of Automation & Soft Computing. Gerry is also a member of the Editorial Board for the International Journal of Intelligent Computing & Cybernetics. His research interests include: Artificial & Computational Intelligence, Genetic, Evolutionary, and Neural Computing, Biometrics, Identity Sciences, Cyber Identity, Distributed Constraint Reasoning, Artificial Immune Systems, Machine Learning and Network Intrusion Detection. Gerry earned his Ph.D. from North Carolina State University.