

# Franklin Visiting Scholar Seminar

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THE UNIVERSITY OF GEORGIA  
departments of Computer Science, Math, and Statistics  
Institute for African American Studies  
Office of Institutional Diversity  
and Office of the Dean, Franklin College of Arts and Sciences

## Dr. Kinnis Gosha

Morehouse College

Friday, February 12, 2016

10:10 a.m. to 11:00 a.m.

Room 328 Boyd GSRC

*Refreshments will be served in Room 409 Boyd GSRC at 9:30 a.m.*

### **ABSTRACT:**

The research proposed here concentrates on the measurement and analysis of the short-term effectiveness when mentoring African-American STEM (Science, Technology, Engineering and Mathematics) doctoral students using relational agents compared to other forms of telementoring media. This research would include the development of a relational agent and studying the effects that the agent has on student participants. The results collected should be compared to the results collected from participants using other forms of telementoring media such as video recordings, audio recordings and electronic documents. Because the scope of this research focuses on African-American STEM doctoral students, it is important to define their unique mentorship needs as well as their specific needs and barriers. In order to produce empirical results, an evaluation methodology must be defined. The results collected from this study aim to suggest effective and ineffective ways to electronically mentor this unique population.

### **BIO:**

DR. KINNIS GOSHA (*Go-Shay*) is an Assistant Professor in the Department of Computer Science and Director of the Culturally Relevant Computer Lab at Morehouse College. Dr. Gosha's research interests include expanding computer science education, broadening participation in computing, green computing and culturally relevant computing. More specifically, Dr. Gosha's passion lies in his research in virtual mentoring where he has several peer-reviewed research publications. Dr. Gosha's Culturally Relevant Computing Lab is comprised of approximately 30 top undergraduate researchers from Morehouse and Spelman Colleges. The lab investigates research problems centered on creating innovative computing technologies to solve cultural problems and issues. To date, Dr. Gosha has over \$2 million dollars in sponsored research funding and over 30 peer reviewed research publications.