

# DEPARTMENT OF INFORMATION SYSTEMS AND QUANTITATIVE ANALYSIS

## NEW FACULTY



**Foluso Ayeni**  
PhD, Lecturer

Foluso Ayeni earned his PhD in Science and Mathematics from Southern University and A&M College. He is the Executive Secretary, Initiative and Partnerships of the African Society for ICTs and a member of the Pan-African Scientific Research Council.



**Katelynn Kapalo**  
PhD, Assistant Professor

Katelynn Kapalo earned her PhD in Modeling and Simulation from Central Florida University. Her research interests focus on leveraging emerging technologies like augmented and virtual reality to better support fireground incident command and public safety officials in the context of pre-incident planning and community risk reduction efforts.



**Chun-Hua Tsai**  
PhD, Assistant Professor

Chun-Hua Tsai earned his PhD in Information Science from the University of Pittsburgh. His research interest is in exploring fair, trustworthy, and transparent AI using data-driven, data visualization, HCI and HCC approaches, particularly for empowering marginalized groups and improving AI-literacy inequalities.

## GRADUATE DEGREES & CERTIFICATES

- MS Management Information Systems (MIS)
- MS MIS/Master of Business Administration dual degree
- MS MIS/Master of Public Administration dual degree
- MS Data Science (interdisciplinary degree between College of IS&T, Business, Department of Mathematics)
- Graduate Certificates in Data Analytics, Data Management, Information Assurance, Systems Analysis and Design, Global Information Operations

## UNDERGRADUATE DEGREES

- BS Management Information Systems (ABET accredited since 2002)
- Undergraduate certificates in Data Management, IT Administration, Systems Development

## RESEARCH AREAS

- Open Source Community Health
- Citizen Science
- Data Analytics/Data Science/Modeling
- IT for Development
- IT Careers & Professional Development
- IT & Law Enforcement
- Disaster Recovery/Emergency Management
- Cybersecurity/Information Assurance
- Fair, trustworthy, transparent AIs

## RESEARCH FUNDING

- NSF
- Ford Foundation
- Alfred P. Sloan Foundation
- Mozilla
- Department of Education
- Chan Zuckerberg Initiative
- NU Collaboration Initiative

20

*Full-time Tenure Track  
and Instructional Faculty*



148

*Undergraduate Majors  
(2021)*



96

*Graduate Majors  
(2021)*



316

*BS Management  
Information Systems  
Degrees Awarded  
(2013-2020)*



450

*MS Management  
Information Systems  
Degrees Awarded  
(2013-2020)*