

Karl Morris

SERC 327
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Experience

- 2019 – Present Associate Professor of Instruction, Temple University
- 2014 – 2019 Assistant Professor of Instruction, Temple University

Research Interests

- Software Engineering, Autonomous Systems, Mobile Computing

Education

- 2009 – 2014 Florida International University, Miami FL
Ph.D., Computer Science

Recent Peer Reviewed Publications

- Morris, Karl; Giovannetti, Tania; Lehman, Sarah, “Towards The Use of Smart Home Sensor Networks to Generate Predictive Activity Models” in 2020 IEEE 33rd International Symposium on Computer-Based Medical Systems (CBMS), pages 406-411, July 2020.
- Fabio M Costa, Karl A Morris, Fabio Kon, Peter J Clarke, “Model-Driven Domain-Specific Middleware” in IEEE 37th International Conference on Distributed Computing Systems (ICDCS), pages 1961-1971, June 2017

Selected External Reviewer for Journals and Conferences

- Journal of Computer Science Education, 2018
- International Conference on Information Reuse and Integration, 2015, 2016
- Software Quality Journal, 2014
- International Joint Conference on Software Technologies, 2013

Grants and Fellowships

- (Pending, PI) National Institute of Health, Identifying Behavioral Changes in Cognitively Impaired Older Adults using Smart Home Sensor Networks, \$303,479.00, July 2021 – June 2023

Teaching Experience and Service

- Instructor – MS in IST Online Program – CIS 5210: Intro to Mobile App Dev, CIS 4515, 3515, 4396, 3238, 1052, 1057, 1068, 1051, 822, UNVS 822
- Faculty Steering Committee and student advisor – Professional Science Masters in Bioinformatics

Recent Training and Workshops

- ACM Richard Tapia Celebration of Diversity in Computing
- Workshop on Integrating Software Testing into Programming Courses, 2019

University Service

- CIS Outreach and Student Community Committee (**Chair**)
- CIS Peer Teaching Review Committee (**Chair**)
- CIS Instructional Track Faculty Search Committee
- CIS Online Academy (Mentor)
- CST Student Appeal & Grievance Committee
- CST Experience Temple CIS faculty representative (Repeat)
- GenEd Program STEM Curriculum Rubric Development group

External Affiliations and Service

- Urban League of Philadelphia – NExT Education Committee member
- Collaborator with IEEE Philadelphia in pre-collegiate software development training programs