

THOMAS GEIGER THOMAS JR.

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Professional Preparation

University of South Alabama, Chemistry, B.S., June 1977

University of South Alabama, Electrical Engineering, B.S.E.E., March 1984

University of Alabama at Birmingham, Electrical Engineering, M.S.E.E., August 1987

University of Alabama in Huntsville, Electrical Engineering, Ph.D., December, 1997

Appointments

University of South Alabama, Mobile, Alabama

x June 2016±present Associate Dean for Undergraduate Programs

Director, College of Engineering Graduate Program

Director

x August 1999±August 2004: Assistant Professor of Electrical Engineering

x August 1998±August 1999: Visiting Assistant Professor of Electrical Engineering

University of Alabama at Birmingham, Birmingham, Alabama

x March 1998±August 1998: Adjunct Professor

³Smart Grid Architecture for

Unobtrusive Home Health Monitoring, National Social Science Journal, Volume 44 Number 1, 2015

x Clay V. Smith, Michael V. Doran, Roy J. Daigle and Thomas G. Thomas, Jr., IEEE Transactions on Systems, Man, and Cybernetics - Part A, 43(1), 2013.

Awareness in Autonomous Mobile Robotics Context, Proceedings of the 7th International Multi-Disciplinary Conference on Cognitive Methods in Situation Awareness and Decision Support (CogSIMA 2013), San Diego, CA. February 28, 2013.

x Cade C. Cashen, Samuel H. Russ, Thomas G. Thomas, and Damon A. Edwards, IEEE Transactions on Consumer Electronics, 2012.

x Thomas, T., Doran, M., Sakalaukus, J., Skinner, T., The Hardware/Software Design of an Autonomous Tour Guide Robot Based on a Human Neuroanatomy, Proceedings, World Scientific, 2009.

x Thomas, T., Doran, M., Robotics to Stimulate Learning Opportunities: A Robot Campus Tour, Guide Proceedings 7th International Conference on Education and Information Systems, Technologies and Applications (STEIT), 2009.

Synergistic Activities

- x S-STEM: Linking Community College Students to Engineering (Fall 2011 - Fall 2015): Scholarship program to transition promising students from Alabama community colleges to the USA Engineering program (Funded by NSF).
- x Freshman Research Experience in Engineering (FREE) program (Summer 2012): Worked with 12 incoming freshman engineering students to provide a week course in LabVIEW and robotics programming using Lego Mindstorm robots. Students learned LabVIEW and critical thinking skills prior to their first semester in engineering (Funded by NSF).
- x Podcast Development for Nanotechnology Education (Fall 2012): Develop