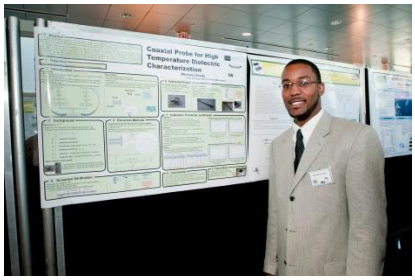

Michael Grady

Michael Grady Awarded IEEE Fellowship Microwave Theory and Techniques (MTT-S) Fellowship

TAMPA, Fla. (February 11, 2014) Michael Grady, a Ph.D. student in the Department of Electrical Engineering, has been selected as one of two winners from a nationwide pool of applicants to receive the IEEE Microwave Theory and Techniques (MTT-S) Graduate Fellowship for Medical Applications for 2014. The purpose of the prestigious award is to recognize and provide financial assistance to graduate students who show great promise in applying microwave engineering towards medical applications.

Michael, a member of the Center for Wireless and Microwave Information Systems (WAMI), was chosen for the award based upon his proposal "Towards the Real-time Measurement of the Subsurface Temperatures of Pressure Sores." The objective of his research is to perform the preliminary steps in engineering a diagnostic tool designed to monitor human health. The approach taken will be to design and characterize a biomedical radiometer, and provide models to account for electromagnetic interactions between the human body and the monitoring device system. Michael is advised by Thomas Weller, professor and chair in the Department of Electrical Engineering.

In addition to receiving a fellowship award of $6,000, Michael will be recognized at the Student Awards Luncheon during the 2014 International Microwave Symposium (IMS2014) in Tampa, FL.

Center for Wireless and Microwave Information Systems (WAMI)

International Microwave Symposium (IMS 2014)

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The University of South Florida is a high-impact, global research university dedicated to student success. USF is classified by the Carnegie Foundation for the Advancement of Teaching in the top tier of research universities, a distinction attained by only 2.2 percent of all universities. The Carnegie Foundation also classifies USF as a

community engaged university. It is ranked 44th in total research expenditures and 34th in federal research expenditures for public universities by the National Science Foundation. The USF System has an annual budget of $1.5 billion, an annual economic impact of $3.7 billion, and serves 47,000 students in Tampa, St. Petersburg, Sarasota-Manatee and Lakeland.

The College of Engineering at the University of South Florida is ranked at #69 among public institutions by U.S. News &World Report's 2014 engineering graduate school rankings. The college serves 4,600 students offering ABET-accredited undergraduate degrees in seven programs, as well as eleven masters and nine doctoral degrees. The College is actively engaged in local and global research activities with foci on sustainability, biomedical engineering, computing technology and transportation. For the fiscal year 2012 the college had $28.3 million in research expenditures.

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