



NATIONAL ACADEMY OF INVENTORS ANNOUNCES 2016 FELLOWS

Innovative luminaries are honored with prestigious recognition for academic inventors

Thomas Weller, chair of the Department of Electrical Engineering in the USF College of Engineering, is an internationally-recognized expert in communications systems engineering. Weller has published 29 U.S. Patents and is co-director of the Center for Wireless and Microwave Information Systems at USF. Weller's research interests are in tunable and reconfigurable microwave circuits, microwave applications of additive manufacturing and 3D printing, electromagnetic sensors, passive microwave circuit design, planar and 3D electrically-small antennas, and equivalent circuit modeling. Weller co-founded USF spin-off company Modelithics, Inc. Customers of the company include major U.S. defense contractors like Harris Corporation, Northrop Grumman Corporation and Raytheon Company, and world-wide wireless equipment providers Motorola, Ericsson and Nokia.

Dr. Weller has chaired the Electrical Engineering Department at USF for five years, during which time he has overseen a [successful 31.5% growth of the department's tenured faculty](#), a 74% increase in graduate student degree conferrals, the evolution of an innovative redesign of the undergraduate curriculum and a renewed ABET accreditation, all while strengthening the department's relations with industry constituents through the [Advisory Board](#) and partnerships with companies that promote student learning with hands-on lab work and internships in the Tampa Bay area.

In addition, Dr. Weller has served as the Associate Dean for Research in the USF College of Engineering from 2008-2012, and was a co-recipient of the 1996 Microwave Prize from the IEEE MTT Society, a recipient of a CAREER Award from The National Science Foundation in 1999, and a recipient of the Outstanding Young Engineer Award from the IEEE MTT Society in 2005. He also received IBM Faculty Partnership Awards (2000, 2001), the University of South Florida President's Award for Faculty Excellence (2003), and the William R. Jones Outstanding Mentor Award from the Florida Education Fund (2010). He is a Charter Member of the USF Academy of Inventors. Dr. Weller is an active Senior Member of the IEEE, the Microwave Theory and Techniques Society and the Antennas and Propagation Society. He serves as reviewer for numerous IEEE journal publications.

Congratulations to Dr. Weller in his continued success in research and leadership with the University of South Florida!