

“Demonstrations of mHealth Medical Devices and Apps”

Dr. Amy Schiffman, Capital Health Advocates & Capital House Calls
Prof. H. Troy Nagle, NC State

To close the Bioelectronics Tutorials Track, Drs. Schiffman and Nagle will give an overview of several of the many smart-phone-centered medical devices available to physicians and patients today. These devices will be demonstrated for the tutorials participants. At the conclusion of the session, participants can get a close-up look at some of these very useful medical devices.



Amy Schiffman, MD, MHS is a board-certified Emergency Physician turned “house-calls doctor” practicing in the Metropolitan Washington, DC area. She is founder of Capital House Calls, LLC – a private medical practice that makes visits to patients’ own homes as well as assisted living facilities. Dr. Schiffman obtained her undergraduate degree at the University of Pennsylvania and then a graduate degree in Environmental and Occupational Health at the Johns Hopkins School of Public Health. She completed her medical school education and Emergency Medicine training both at the George Washington University.



H. Troy Nagle, PhD, MD, PE is Professor of Biomedical Engineering at UNC-CH & NCSU, and Professor of Electrical and Computer Engineering at NCSU. He was the Founding Chair of the UNC-NCSU Joint Department of Biomedical Engineering from 2003 to 2009. He is Director of the NCSU-UNC Graduate Certificate Program in Medical Devices, and Director of the NCSU Biomedical Instrumentation Laboratory, a facility for prototyping medical devices. Dr. Nagle received the BSEE and MSEE degrees from the University of Alabama, the PhD degree (Electrical Engineering) from Auburn University, and the MD degree from the University of Miami School of Medicine. He is a Fellow of Institute of Electrical and Electronics Engineers (IEEE) and the American Institute for Medical and Biological Engineering (AIMBE). He served as IEEE President in 1994. He also served as Editor-in-Chief of the IEEE Sensors Journal from 2003 to 2009, and is currently President-Elect of the IEEE Sensors Council. He is co-founder of two medical device companies based on technologies developed at NC State University and a registered professional engineer.