Fall 2016 Bioengineering Seminar Series

Cultivating New Multidisciplinary Programs of Research at The University of Toledo

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Since joining the University of Toledo in August 2016, Dr. Pappada has been working with University of Toledo faculty to establish and cultivate new multidisciplinary programs of research at the University of Toledo. The goal of these programs will be to increase the collaboration between faculty, staff, and students on UT's Main Campus and the Health Science Campus. In order for these programs to be successful they will need to feature significant contributions from faculty, staff, and students within the College of Engineering. This presentation will provide introduce three initial target research areas and thrusts: (1) Creative Innovations in Healthcare Education and Training, (2) ICU of the Future, and (3) Developing Technologies to Improve Healthcare System Performance. The presentation will introduce a number of ongoing and future efforts/opportunities at UT related to these three research areas.

Where: SSOE Seminar Room, NI 1027
When: October, 28, 2016
Time: 12:00 – 1:00 pm

Dr. Scott Pappada has over 13 years of combined research and development experience in Academia, as well as the Medical Device, Healthcare, and Defense domains. He currently serves as an Assistant Professor with joint appointments in the University of Toledo's College of Medicine and Life Sciences (Department of Anesthesiology) and College of Engineering (Department of Bioengineering). Dr. Pappada also holds a position as Simulation Fellow within the University of Toledo's Interprofessional Immersive Simulation Center where he is charged with leading and growing a number of research programs involving the use of medical simulation. Dr. Pappada also holds a position as an Adjunct Assistant Professor in the Department of Anesthesiology at The Ohio State University's College of Medicine and The Ohio State University Wexner Medical Center. Prior to joining UT, Dr. Pappada served as Senior Biomedical Engineer at Aptima, Inc. where he served as a Principal Investigator and Program Manager for a number of Federally-funded research programs. While working at Aptima, he contributed to the acquisition of over $8M in research funding. He has a broad background in biomedical engineering with particular areas of expertise in physiological signal processing and modeling and machine learning. Many of his ongoing research projects and interests involve the development of intelligent clinical decision support systems, and technologies to improve healthcare training and education. He received his Bachelors of Science in Biomedical Engineering with a minor in Biomedical Sciences from Marquette University in 2005 and with his Ph.D. from the University of Toledo's Department of Bioengineering in 2010.