



Dr. Jessica Ramella-Roman

Associate Professor

Research area: Diagnostic Bioimaging Sensor Systems

Lab: Medical Photonics Laboratory



Dr. Joshua Hutcheson

Associate Professor and Graduate Program Director

Research area: Engineered Tissue Model Systems

Lab: Cardiovascular Matrix Remodeling Laboratory



Dr. Zachary Danziger

Associate Professor

Research area: Therapeutic and Reparative Neurotechnology

Lab: Applied Neural Interfaces Laboratory

Researchers in the Biomedical Engineering Department

Friday, September 8th | 9:00 AM | EC 2300

ABSTRACT: Faculty members of the Florida International University Department of Biomedical Engineering will present a brief and overall review of their research. Currently, Dr. Hutcheson studies cardiovascular disease mechanisms. Dr. Ramella is currently conducting a pilot human study for her biophotonic device for pre-mature labor and cervical cancer. Dr. Danziger is making strides in understanding bladder control in aging and spinal cord injury.



Through the generous support of the Wallace H. Coulter Foundation, the Department of Biomedical Engineering facilitates weekly lectures each year during academic terms. Experts in all areas of Biomedical Engineering are invited to provide a research seminar and to meet with faculty and students to discuss the latest developments and research in Biomedical Engineering.

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