



Dr. Oleksii Shandra

Assistant Professor

Research area: Arrays and silicone probes, Live brain multi-photon microscopy, Preclinical models of traumatic brain injury

Lab: AHC 4, #507



Dr. Raj Pulugurtha

Associate Professor

Research area: Therapeutic and Reparative Neurotechnology

Lab: Bioelectronic and Electronic Packaging Lab

Researchers in the Biomedical Engineering Department

Friday, September 15th | 9:00 AM | EC 1115

ABSTRACT: Faculty members of the Florida International University Department of Biomedical Engineering will present a brief and overall review of their research. Currently, Dr. Shandra examines electrophysiological and imaging biomarkers of epileptogenesis and pathophysiological mechanisms of the astrocyte-neuron networks. Dr. Pulugurtha develops packaging of bioelectronics implants for health monitoring and curing neurological disorders.



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.

Friday, September 15th, 2023 | 9:00AM - 10:00AM | EC 1115

<https://bme.fiu.edu/seminars>