



## Frank Reidy Research Center for Bioelectrics (FRRCB)

Our 2025 CBE Seminars for the Fall Semester will be held in-person ([Live](#)) or via Zoom ([Remote](#)) in the first-floor Conference Room of the IRP2 Building on Monarch way (4211 Monarch way, 23508, Norfolk).

### Seminar Program

- |       |        |  |
|-------|--------|--|
| 01/21 | Live   | Dr. Chunqi Jiang, Ph.D., Associate Professor, ODU<br><i>"On the path for controlled ROS modulation via pulsed plasmas impinging on liquid"</i>   |
| 01/28 | Live   | Dr. Pavel Solopov, Ph.D., Research Assistant Professor, ODU<br><i>"The link between lung health and alcohol metabolism"</i>  |
| 02/04 | Live   | Dr. Fan Yuan, Ph.D., Professor, Duke University<br><i>"Improving DNA Vaccine Platform through Enhancement of Antigen Expression and Co-delivery with Genetic Adjuvant"</i>   |
| 02/11 | Remote | Dr. Andrea Armani, Ph.D., Professor, USC Viterbi<br><i>"Non-linear organic small molecule imaging agents"</i>  |
| 02/18 | Live   | Dr. Katharina Stapelmann Ph.D., Associate Professor, NC State University,<br><i>"Generation and transport of reactive species in cold atmospheric plasmas - from the gas phase into the liquid phase"</i>                                |
| 02/25 | Live   | Dr. Swaminathan Rajaraman, Ph.D., Associate Professor, UCF<br><i>"Hybrid Micro/Nanotechnologies towards the Development of Microelectrodes (2D,3D, High Throughput, Interdigitated, TEER) for a variety of in vitro Cellular Models"</i> |
| 03/04 | Remote | Dr. Nasim Nosoudi, Ph.D., Assistant Professor, Marshall University<br><i>"Live cell electrospinning and electrospraying"</i>   |
| 03/11 |        | Spring Break, No Seminar   |
| 03/18 | Live   | Dr. Scott A. Gerber Ph.D., Associate Professor, University of Rochester<br><i>"Developing New Strategies to Fight Pancreatic Cancer"</i>   |
| 03/25 | Live   | Dr. Shaoning Jiang, Ph.D., Assistant Professor, Yale<br><i>"Developmental programming of mitochondrial and peroxisomal biogenesis in metabolic diseases"</i>   |
| 04/01 | Live   | Dr. Piotr Kraj, Ph.D., Associate Professor, ODU<br><i>"Immunomodulatory functions of Alk2 and BMPOR1a signaling in T cells"</i>  |
| 04/08 | Live   | Dr. Ismael El Moudeen, Ph.D., Associate Professor, ODU<br><i>"Foundations of AI and Machine Learning: Transforming Research in the Modern Era"</i>   |
| 04/15 | Live   | Dr. Marc Sommer, Ph.D., Professor, Duke University<br><i>"Effects of transcranial magnetic stimulation (TMS) on neural activity in the primate brain"</i>  |
| 04/22 | Live   | Dr. Jayarathna Sampath, Ph.D., Assistant Professor, ODU<br><i>"Egocentric Eye Tracking in the Wild"</i>  |



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