

Department of Biophysics

SPRING 2025 SEMINAR SERIES

Fridays | 10:00-11:00am | MACC Fund Research Center MFRC 2063

date	speaker	seminar title
01.24	Brooke Greiner Graduate Student, Greenberg Lab Medical College of Wisconsin Host: Adam Greenberg, PhD	The Effects of Sleep on Attention Over a Two-Week Period: Behavior and fMRI
01.31	Benjamin M. Ellingson, PhD Professor and Director of MRI Research Director, UCLA Brain Tumor Imaging Laboratory University of California, Los Angeles Host: Francesca Marassi, PhD	Imaging Biomarker Strategies for Early Phase Clinical Trials with Brain Tumors
02.07	James Pipe, PhD Professor, Director of High Value MRI Director, MR Technology and Use Design (MRTUD) Group University of Wisconsin - Madison Host: Roger Johnson, PhD	Designing SNR efficient MR technology for clinical use, using “value” as a touchstone
02.14	Amit Joshi, PhD Professor, Joint Department of Biomedical Engineering & Radiology Vice Chair of Research & Clinical Affairs Marquette University and Medical College of Wisconsin Host: Francesca Marassi, PhD	Recent Developments in Shortwave Infrared Fluorescence Imaging for Applications in Cancer and Vascular Pathologies
02.21	Biprojit Nath Graduate Student, LaViolette Lab Medical College of Wisconsin Host: Peter LaViolette, PhD	Advanced Image Processing for Group Analysis in Cancer Research
02.28	Nicholas Cina Graduate Student, Klug Lab Medical College of Wisconsin Host: Candice Klug, PhD	Structural Investigation of LptC Transmembrane Helix Displacement from the LptB ₂ FG Lateral Gate
03.07	Radka Stoyanova, PhD Professor & Director of Imaging and Biomarkers Department of Radiation Oncology Miller School of Medicine University of Miami Host: Peter LaViolette, PhD	Radiogenomic Characterization of mpMRI Habitats for Effective Management of Prostate Cancer
03.14	Abhay Chauhan, PhD Associate Professor, School of Pharmacy Medical College of Wisconsin Host: Mona Al-Gizawiy, PhD	Dendrimer Nanomaterials for Drug Delivery
03.21	Alexander Garces Graduate Student, Lerch Lab Medical College of Wisconsin Host: Michael Lerch, PhD	Structural and Thermodynamic Insights into Beta-2 Adrenergic Receptor Activation via Pressure-Resolved DEER
03.28	TBD	
04.04	Jason Sidabras, PhD Assistant Professor Medical College of Wisconsin Host:	Magnetic Resonance Innovations Across Scales
04.11	Timothy Meier, PhD Professor, Department of Neurosurgery Medical College of Wisconsin Host: Bryna Goeckner	Characterizing the Cumulative Effects of Repeat Concussion and Repetitive Head Impact Exposure on Brain Health in Collegiate Athletes
04.18	No Seminar	
04.25	Jinwoo Lee, PhD Assistant Professor, Department of Chemistry and Biochemistry University of Maryland, College Park Host: Francesca Marassi, PhD	Exploring the Role of Anionic Lipids in Membrane Fusion, Coronavirus and Arenavirus

The objective of the Biophysics Seminar Series is to encourage the exchange of ideas and results among researchers in the fields of structural biology, biomedical imaging, and other disciplines.

For more information, contact Shannon Gustavson (sgustavson@mcw.edu / 414-955-4041).