

Biophysics

Graduate Seminar Series

Fridays | 9:30 a.m.
FALL 2020

For details on joining these virtual events, visit www.mcw.edu/biophysics or contact jthelane@mcw.edu | 414-955-4002

date	speaker	seminar title
09.11 Note time: 10:30 a.m.	Song-I Han, PhD Professor of Chemistry & Biochemistry Professor of Chemical Engineering University of California, Santa Barbara Vice President, International EPR Society	Study of protein structure and interaction via the hydration water layer
09.18	Neil Hogg, PhD Professor of Biophysics Director, Redox Biology Program Medical College of Wisconsin	Nitric oxide and SARS-CoV-2: Antiviral effects of NO
09.25	Ethan Duwell Graduate Student (DeYoe Lab), Department of Biophysics Medical College of Wisconsin	Albinism, a window on the effects of aberrant retinotopy in vision
10.02	Aashish Manglik, MD, PhD Assistant Professor of Pharmaceutical Chemistry Assistant Professor of Anesthesia and Perioperative Care University of California, San Francisco	Building keys to understand the lock: engineering conformation-specific antibodies to probe transmembrane signaling
10.09 Note time: 10:30 a.m.	Jason Sidabras, PhD EU Researcher Max Planck Institute for Chemical Energy Conversion Mülheim, Germany	Application-specific microwave resonator development: Addressing the challenges of modern EPR
10.23	X. Allen Li, PhD, DABMP, FAAPM Professor of Radiation Oncology Chief of Medical Physics Medical College of Wisconsin	Delta radiomics for cancer treatment response assessment
10.30	Ali Bakhshinejad, PhD President and CEO VasoGnosis Milwaukee, WI	AI in diagnostic imaging
11.06	John LaDisa, Jr., PhD Associate Professor of Biomedical Engineering Marquette University	Image-based experimental and computational approaches to studying vascular adaptation in response to mechanical stimuli
11.13	Matthew Budde, PhD Associate Professor of Neurosurgery Medical College of Wisconsin	Translational MRI in spinal cord injury: Promise and hurdles
11.20	Nicole Lohr, MD, PhD, FACC Associate Professor of Medicine, Cardiovascular Medicine Division Medical College of Wisconsin	Unraveling the role of 670 nm energy on intracellular NO and oxidative stress
12.04	Adam Greenberg, PhD Assistant Professor Joint Department of Biomedical Engineering Medical College of Wisconsin & Marquette University	Uncovering the computations mediating attentional control in posterior parietal cortex
12.11	Michael Davies, DPhil Professor of Biomedical Sciences University of Copenhagen Copenhagen, Denmark	Oxidative damage to long-lived proteins: Biomarkers of damage and contributors to disease



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