2025 BMEP 6600 Seminar Series

DATE	PRESENTER(S)	SEMINAR TITLE
2-7-2025	Xi Yu	The utility of NODDI in observing brain changes caused by aging, AD, and chronic conditions
2-14-2025	Zeeshan Qadir	Dynamic functional connectivity via iEEG-fMRI correlation maps
3-7-2025	Charles B. Capron, Ph.D.	Wave propagation in blood vessels
3-21-2025	Benjamin G. Wood, Ph.D.	Determining the causes of the color doppler twinkling artifact
4-4-2025	Shaheeda A. Adusei	Enhanced characterization of choroidal tumors using non-contrast microflow imaging
4-11-2025	Ana M. Diaz Espinosa	Optimize in vitro culture conditions to preserve fibroblast heterogeneity
5-2-2025	Maureen A. Pelissero	Drop based microfluidic sorting: persistent bacterial cells and lung spheroids
5-9-2025	Garrett R. Regan	Development of a co-pilot diagnostic tool for stricturing crohn's disease
5-16-2025	Areonna C. Schreiber	Poly (propylene fumarate) and poly (caprolactone fumarate) composite scaffolds: achieving high 3D printing resolution, bone-mimicking compressive properties, and biocompatibility
6-20-2025	Jiaxuan Wang	Effects of aging on diabetic kidney disease and extracellular vesicle-based therapies
6-27-2025	Ananya Bharath	Development of a microfluidic platform to study the circadian regulation of pancreatic islet function
7-11-2025	Erik J. Tesselaar, Ph.D. (Linköping University, Sweden)	Visual grading characteristics analysis for radiological image quality evaluation
7-18-2025	Maryam Sadeghian Sharafi	Middle ear imaging with photon-counting-detector CT
7-25-2025	James Li	Toward a single-cell senescence classifier that works in tissues
9-26-2025	Bjorn W. Schuller, Ph.D. (Imperial College of London, UK)	Artificial intelligence in health: on a mission to prolong and save lives
10-17-2025	Tomohiro Nakatani, B.E., M.E. Ph.D. (Communication Science Laboratories, NTT Corporation, Kyoto, Japan)	Enhancing speech quality through dereverberation
11-14-2025	Mooney Mori, M.D., Ph.D.	Generation of functional whole lungs using pluripotent stem cells
12-12-2025	Dora Hermes, Ph.D.	
12-19-2025	Maureen A. Pelissero	Tis the season for microfluidics: guiding light through fibers and growing bugs in tiny drops