2019 MBI Thesis Presentations

Brittany Bennett
Preceptor: Andrew Ewald, PhD, Cell Biology
Teaching the Cellular and Molecular Basis of Breast Cancer Metastasis: A novel workflow for incorporating time-lapse microscopy data into 3D animation

Alisa Brandt
Preceptor: David Nauen, MD, PhD, Pathology - Neuropathology
Morphology of Memory: Creating a web-based 3D interactive resource to teach the anatomy of the human hippocampus

Insil Choi
Preceptor: Jody Elizabeth Hooper, MD, Pathology - Autopsy Pathology
Autopsy brain removal training using virtual reality simulation

Cecilia Johnson
Preceptor: Douglas Robinson, PhD, Cell Biology
Mapping the Mechanobiome: Novel mathematically-derived 3D visualization of the cellular mechanoresponsive system for interactive publication

Lohitha Kethu
Preceptor: Peter Abadir, MD, Medicine - Geriatric Medicine
Creating a character animation-based, interactive module to promote a multidimensional understanding of aging and frailty syndrome

Vondel Mahon
Preceptor: Greg Michael Osgood, MD, Orthopedic Surgery - Trauma Surgery
Tablet-Based Training for Open Reduction Internal Fixation: A model for complex pelvic trauma surgery

For more information, contact: David Rini
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Friday April 19th, 3:00 to 5:00 pm
Chevy Chase Auditorium
Zayed Tower Main Level, Johns Hopkins Hospital
Reception to Follow