

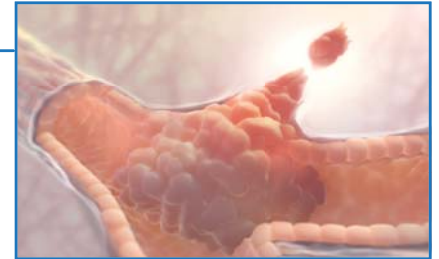
2019 MBI THESIS PRESENTATIONS

DEPARTMENT of **ART** *as applied to* MEDICINE

BRITTANY BENNETT

Preceptor: Andrew Ewald, PhD, Cell Biology

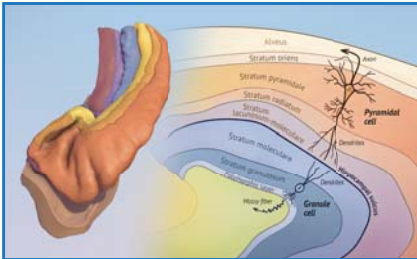
Teaching the Cellular and Molecular Basis of Breast Cancer Metastasis: A novel workflow for incorporating time-lapse microscopy data into 3D animation



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

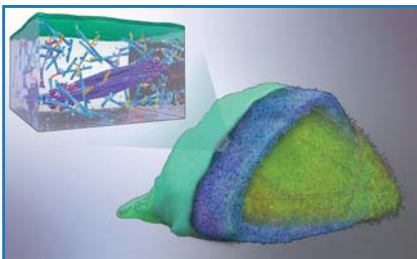
Autopsy brain removal training using virtual reality simulation



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

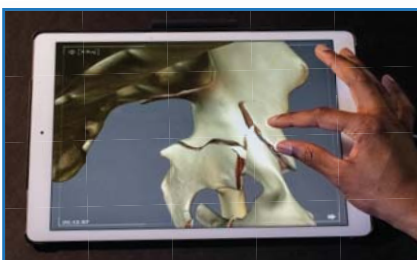
Creating a character animation-based, interactive module to promote a multidimensional understanding of aging and frailty syndrome



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,
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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