

# 2020 MBI THESIS PRESENTATIONS

## DEPARTMENT of ART *as applied to* MEDICINE

### NOELLE BURGESS

Preceptors: Deborah Schwengel, MD, MEd - Anesthesiology & Critical Care Medicine  
Robert Greenberg, MD - Anesthesiology & Critical Care Medicine  
Creating a Game-Based Learning Tool for Optimizing  
Intra-Hospital Disaster Response



### WILLIAM GUZMAN

Preceptor: Karen Sfanos, MS, PhD - Urologic Pathology  
Prostate Carcinogenesis: Depicting a Proposed Pathway for Prostate Cancer  
Precursor Lesion Development Using 3D Animation

### JAMIE PETERSON

Preceptor: Amanda Lauer, MS, PhD - Otolaryngology  
Visualizing Cochlear Specializations that Enhance Protection of  
Hearing Function in Bats

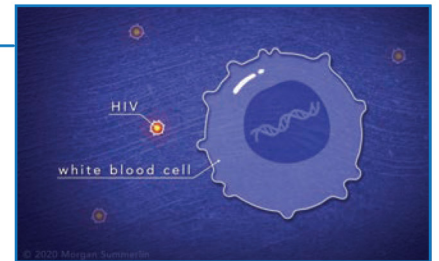


### KELLYN SANDERS

Preceptor: Jonathan Perry, MSc, PhD - Functional Anatomy and Evolution  
3D Reconstruction of Fossilized Skull of South American Miocene Monkey  
*Homunculus patagonicus*: An Augmented Reality for Field Application

### MORGAN SUMMERLIN

Preceptors: Christine Durand, MD - Infectious Disease  
Dorry Segev, MD, PhD - Transplant Surgery, Epidemiology  
Visualizing HOPE: Encouraging HIV-Positive Organ Transplantation  
Using Novel Modular Animations

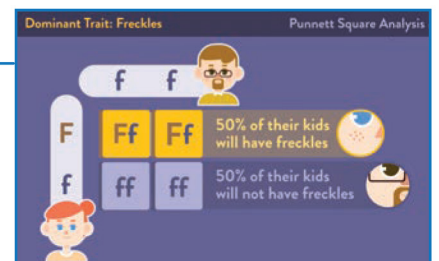


### HELEN TANG

Preceptor: Mona Bahouth, MD, PhD - Neurology  
Personalizing Hospital-based Stroke Education: Designing a Novel Recovery  
App to Prepare Stroke Patients for the Transition Home

### JENNY WANG

Preceptor: Ada Hamosh, MD, MPH - Genetic Medicine  
Optimizing e-Learning in Genetics: Creating and Comparing  
Three Categories of Multimedia



For more information,  
contact: David Rini  
(410) 955-3213  
medart-info@jhmi.edu

Friday April 17th, 3:00 to 5:00 pm

YOUTUBE LIVE STREAM

Click here for live stream