Agenda

***\*Please note – all the rooms listed below are located in Villanova’s Connelly Center***

**Student Arrival and Poster Set Up**

***Villanova Room***

8:00 – 9:00am

**Opening Remarks**

**Drs. Skip Brass, MD-PhD**

**Dr. Nicola Mason, BVetMed, PhD**

***Cinema Room***

9:00 – 9:15am

**Faculty Talks**

***Cinema Room***

9:15 – 10:15am

**Elizabeth Bhoj, MD, PhD  
Assistant Professor, Division of Human Genetics, University of Pennsylvania,   
Perelman School of Medicine**

**Attending Physician, Children’s Hospital of Philadelphia**

***My journey as a Physician-Scientist: From Snake Tongues to Human Brains***

**Warren S. Pear, MD, PhD**

**Gaylord P. and Mary Louise Harnwell Professor, University of Pennsylvania,**

**Perelman School of Medicine**

**Director, Experimental Pathology and Immunobiology Division**

***An accidental scientific journey***

**Elizabeth Lennon, DVM, PhD  
Pamela Cole Assistant Professor of Internal Medicine, University of Pennsylvania,**

**School of Veterinary Medicine**

**Diplomate, American College of Veterinary Internal Medicine (SAIM)**

***Tails from the (Intestinal) Crypt: Life as a Veterinary Clinician Scientist***

**Student Group Activity\***

***Villanova Room***

10:20 – 11:05am

**Group & Incoming Class Photos (’20, ’21, ’22)**

11:10 – 11:45am

**Lunch with Faculty**

***Villanova Room***

11:50 – 12:50pm

**Student Talks  
*Cinema Room***

12:55 – 1:40pm

Derek Sung VE-cadherin enables trophoblast endovascular invasion and spiral artery remodeling during placental development

Fola Sofela Effects of Metabolism on Behavioral Phenotypes in Neurofibromatosis 1

Philip Hicks Abolishment of putative COPI binding motif in the Gc glycoprotein of bandaviruses enhances recovery of infectious VSV pseudoyptes

**Lightning Talks/Poster Pitches**

***Cinema Room***

1:40 – 1:55pm

Brian Goldspiel Unraveling metabolic determinants of innate immune function in Maple Syrup Urine Disease

Yentli Soto Albrecht Non-pathogenic variation in mitochondrial DNA modulates murine SARS-CoV-2 pathogenesis

Shreya Parchure\*\* Entorhinal Amygdala Network-based Biomarker for Closed-loop Deep Brain Stimulation in Anxiety Disorders: Results of First-in-human Invasive Electrophysiology

Ariel Shepley-McTaggart Host Regulation of Ebola Virus Entry and Egress: Role of Cytoskeletal Filamin Proteins

Clayton Otter Infection of primary nasal epithelial cells differentiates SARS-CoV-2, MERS-CoV, and HCoV-NL63

Emily Lubin De Novo Mutations in Replication-Independent Histone Genes Elude Diagnosis by Exome/Genome Sequencing

Audrey Luo Refinement of Functional Connectivity in Development Aligns with the Sensorimotor to Association Axis

**Student Poster Sessions (with snacks & adult beverages!)**

***Villanova Room***

**Poster Session A**

2:00 – 2:30pm

**Poster Session B**

2:30 – 3:00pm

**Poster Session C**

3:00 – 3:30pm

**Wellness Talks**

***Villanova Room***

3:30 – 4:15pm

Raymond Ng *Dancing the Skies – Lessons I’ve learned as a Pilot*

Brian Goldspiel *Board Games and You: In Philadelphia and Beyond (but Especially in Philly)*

Frederic Bushman, PhD *Parking Your Brain in a Good Place: the Pleasures of Chess*

**Retreat Happy Hour**

***Belle Air Terrace***

4:30 – 6:00pm

**Departure from Villanova**

*\* group # is on your nametag*

*\*\* recorded/virtual presentation*