

**2021-2022 T32 RESEARCH CLUB SCHEDULE**  
**12:00 PM – 1:00 PM**  
Virtual via Zoom - [T32 Research Club Zoom Link](#)

**Date**

**All Fridays**

**September 17**

Wei-Ting Hwang, Ph.D.  
Professor of Biostatistics in Biostatistics and Epidemiology  
University of Pennsylvania  
**Tentative Title:** *Basic statistics concepts, common mistakes and/or how to collaborate with statisticians*

**October 15**

**Trainer:** Trevor Penning, PhD  
**Trainee:** Anthony Su, PhD  
**Tentative Title:** *The role of aldo-keto reductases in the nitroreduction of nitropyrenes*

**November 12**

**Trainer:** Ian Blair, PhD  
**Speaker:** Ross Pirnie  
**Tentative Title:** *Analysis of redox forms of the danger molecule HMGB1 in the context of drug induced liver injury*

**December 17**

**Trainer:** Trevor Penning, PhD  
**Trainee:** Ryan Paulukinas  
**Tentative Title:** *The role of AKR1C3 and the 11-oxygenated androgens in polycystic ovary syndrome*

**January 21**

**Trainer:** Jason Moore, PhD  
**Trainee:** Joseph Romano, PhD  
**Tentative Title:** *Artificial intelligence and machine learning applications in environmental toxicology*

**February 18**

**Trainer:** Aalim M. Weljie, Ph.D.  
**Trainee:** Lisa Bottalico, PhD  
**Tentative Title:** *Is the impact of endocrine disrupting chemicals on metabolism confounded by the molecular clock?*

**March 18**

**Trainer:** Maja Bucan, PhD  
**Trainee:** Dylan VanKampen, PhD  
**Tentative Title:** *The role of environmental factors on the genetic risk of autism spectrum disorder (ASD)*

**April 15**

**Trainer:** Sarah Henrickson, MD, PhD  
**Trainee:** Ceire Hay  
**Tentative Title:** *Understanding the immunological mechanisms underpinning the pathogenesis of obese asthma (OA) in children*

**May 20**

**TBD**