

Speaker: Andrew Pask

Title: “Bringing Back the Past to Protect our Future; De-Extinction of the Tasmanian Tiger”

Presentation Day/Time: Wednesday, July 30<sup>th</sup> | 3:30-5:00 PM

Marsupials are disproportionately represented in Australia’s mammalian extinctions. This session outlines advances in genetic and reproductive technologies, including thylacine extinction, Northern quoll genome engineering, stem cell derivation, assisted reproduction, and biobanking, designed to expand conservation strategies. Together, these tools offer a transformative framework for marsupial preservation, resilience, and potential restoration.

Speaker: Amy Gladfelter

Title: “How Does a Tissue-sized Cell Support Pregnancy?”

Presentation Day/Time: Friday, August 1<sup>st</sup> | 3:30- 5:00 PM

Human pregnancy relies on the function of a giant multinucleate cell in the placenta called the syncytiotrophoblast. Our work combines quantitative microscopy and single nucleus sequencing to understand how this cell is organized to carry out the myriad of processes that coexist in a common cytoplasm.

Speaker: Kathleen Crowther

Title: “The Dangerous Womb: A History of Pregnancy Loss and Blame”

Presentation Date/Time: Friday, August 1<sup>st</sup> | 3:30-5:00 PM

This talk explores the long history, stretching back to Hippocrates, of blaming women for pregnancy loss, and demonstrates how the conviction that pregnant women pose a threat to their fetuses has continued to reverberate in the politics of reproductive health and autonomy down to the 21st century