

JOHN K. KOEPPE
UNDERGRADUATE RESEARCH SYMPOSIUM

Fall 2019 Session Schedule

TUESDAY

NOVEMBER 5, 2019

215 COKER HALL



3:00 p.m. **INTRODUCTIONS** - **DR. KERRY BLOOM**, *Department of Biology Chair*
DR. STEVE MATSON, *Fall Honors Director*

Senior Honors Thesis Presentations

3:10 p.m. **INTRODUCTION TO GENETICS**

3:15 p.m. **ANNE-MARIE NOBLITT**

"Regulating Stem Cell Populations Through Phosphorylation of POLTERGEIST in Arabidopsis"

PI: Dr. Zachary Nimchuk; Mentor: Sean James

3:35 p.m. **LUCY MIN**

"Mutations in Drosophila tRNA processing enzymes cause neurological phenotypes"

PI: Dr. A. Gregory Matera

3:55 p.m. **BREAK**

4:10 p.m. **INTRODUCTION TO LUNG FUNCTION AND DISEASE**

4:15 p.m. **KEVIN LIU**

"A bacterial two-hybrid screen to identify SatS – interacting proteins of Mycobacterium tuberculosis"

PI: Dr. Miriam Braunstein; Faculty Sponsor: Dr. Ann Matthyse

4:35 p.m. **MICHALA S. PATTERSON**

"The Influence of Genetic Variation on Airway Remodeling"

PI: Dr. Samir Kelada; Biology Research Advisor: Dr. Jeff Sekelsky