

35th ANNUAL GENETICS DAY

Monday, May 13, 2024

9:00 a.m.– 4:30 p.m.

Class of '62 Auditorium & Sarah Flaum Atrium

9:00 – 9:10 a.m.

Patrick Murphy, Ph.D. – Department of Biomedical Genetics  
Welcome

9:10 – 9:35 a.m.

Doug Portman, Ph.D. – Department of Biomedical Genetics  
“Sex, genes, and behavior: Sex-specific modulation of neural circuit function in *C. elegans*”

9:35 – 10:00 a.m.

Jennifer Brisson, Ph.D. – Department of Biology  
“Rapid evolution of wing dimorphisms in aphids: a tale of gene duplications and differential splicing”

10:00 – 10:15 a.m.

Pakinee Phromsiri – Department of Biology  
“The histone H2A.Z controls the timing of *Drosophila* embryogenesis”

10:15 a.m. – 10:35 a.m.

Coffee Break

10:35 – 11:00 a.m.

Floria Mora-Kepler Uy, Ph.D. – Department of Biology  
“Parasites reprogram neurogenomic signatures in their social wasp hosts”

11:00 a.m. – 11:25 a.m.

Benoit Biteau, Ph.D. – Department of Biomedical Genetics  
“Transient SoxE activity specifies a novel muscle lineage in the developing *Drosophila* ovary”

11:25 a.m. – 11:40 a.m.

Christina Kaszuba – Department of Biomedical Engineering  
“The role of taurine in bone remodeling in young adults”

12:00 – 1:00 p.m.

Break for lunch

1:00 – 3:00 p.m.

Poster Session, Flaum Atrium

3:00 – 4:00 p.m.

21<sup>st</sup> Annual Fred Sherman Lecture  
Welcome by Michael Welte, Ph.D. – Department of Biology