

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-Kepfer 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.

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

Featuring: Cassandra G. Extavour, Ph.D.

The Howard Hughes Medical Institute
Harvard University

“Alien Invasion: prevalence and significance of chimeric genes birthed by sequence fusion across kingdoms of life”

4:15 p.m.

Poster Award Ceremony