

# GENETICS GRADUATE PROGRAM



## Mini-Symposium

### “Genetics Applications for Improving Food Security”

Tuesday, May 8, 2018; 8:00 a.m. to 5:30 p.m.; Room 1200 MPS



#### **Susan Lamont, Ph.D.**

C.F. Curtiss Distinguished Professor  
Department of Animal Science  
Iowa State University

*“Poultry Genomics to Improve Global Food Security”*

#### **Jonathan Lynch, Ph.D.**

University Distinguished Professor  
Department of Plant Science  
Penn State University

*“Roots of the Second Green Revolution”*



#### **Vincent Lombard, Ph.D.**

North America Discovery Breeding  
Lead  
Monsanto Company

*“Food Security Through Yield Security:  
Monsanto Plant Breeding Example”*

#### **Dina Proestou, Ph.D.**

Research Geneticist  
USDA ARS

*“Breeding a Better Oyster: Experimental,  
Genetic, and Genomic Approaches to Un-  
derstanding Disease Resistance in the  
Eastern Oyster, Crassostrea virginica”*



#### **Deborah Velez-Irizarry**

PhD Candidate  
Department of Animal Science  
Michigan State University

*“Expression QTL and Allele Specific Ex-  
pression of Muscle Gene Transcripts Ex-  
hibiting Joint Association with Polygenic  
Trait Phenotypes in Pigs”*

#### **Eric Olson, Ph.D.**

Assistant Professor  
Department of Plant, Soil and  
Microbial Sciences  
Michigan State University

*“A Role for the D Genome to Increase  
and Protect Grain Yield in Wheat”*



The Symposium is open to all MSU faculty, staff, graduate and undergraduate students, as well as members of neighboring institutions and the community.

Attendees are encouraged to participate in the poster session.

For more information and to request the registration form, please contact [genetics@msu.edu](mailto:genetics@msu.edu)