

# EVOLUTION SEMINAR SERIES

Fall 2018

Thursdays at 12:30 Genetics/Biotech room 1360

**September 13 Sarah Edlund** PhD Student, Anthropology  
Rock climbing, primate hands, and human evolution

**September 20 Maxwell Coura Oliveira** Postdoc, Agronomy  
Evolution of 4-hydroxyphenylpyruvate dioxygenase inhibitor herbicide resistance in *Amaranthus tuberculatus*

**September 27 John Wolters** Postdoc, Genetics  
Functional variation in the mitochondrial genome of the yeast *Saccharomyces cerevisiae*

**October 4 Inger Skrede** University of Oslo  
How to decompose a house? Comparative and population genomic analyses of the dry rot fungus

**October 11 Drew Doering** PhD Student, CMB  
Eukaryotic acquisition of a bacterial operon

**October 18 Peter Euclide** Postdoc, UW-Steven's Point  
Genetic consequences of habitat fragmentation in the Lake Champlain basin

**October 25 David Baum** Department of Botany  
Can adaptively evolving systems arise *de novo* in the laboratory?  
A chemical ecosystem selection paradigm for the origin of life

**November 1 Karthik Anantharaman** Department of Bacteriology  
Unraveling the evolutionary ecology of phage-associated sulfur metabolism

**November 8 Quinn Langdon** PhD Student, Genetics  
From soil to stein: population genomics of wild and domesticated lineages of *Saccharomyces eubayanus*, a parent of Lager-brewing yeasts

**November 15 Juliana Cordeiro** Universidade Federal de Pelotas  
Ecological specialization in flower-breeding drosophilids

**November 29 Yury Bukhman** Morgridge Institute  
The blue whale genome project: Building a genome resource for the world's largest animal

**December 6 Cassandra Extavour** Harvard University  
Using network analysis to understand reproductive output regulation and evolution