Friday April 10
Koffler House, Room 108

1:30  **Opening remarks - Nicole Mideo**  
Moderator: Marie-Josée Fortin

1:35  **Alexander Watts (Fortin Lab, St. George)**  
Mediating effects of landscape spatial heterogeneity on  
the spread potential of Lyme disease

1:55  **Oscar Vasquez (Sokolowski Lab, St. George)**  
Mediating phenotypic plasticity at the molecular level: a  
study of the foraging gene in *Drosophila melanogaster*

2:15  **Paola Pulido-Santacruz (Weir Lab, UTSC)**  
Extinction as a key driver of avian latitudinal diversity  
gradients

2:35  **Mitch Daniel (Rodd Lab, St. George)**  
Predicting male mating effort in response to female  
quality, competition and relatedness among males

2:55  **Break**  
Moderator: Stephen De Lisle

3:20  **Luke Mahler (St. George)**  
Island biogeography of *Anolis* lizards in the Anthropocene

3:40  **Daniel Anstett (Johnson Lab, UTM)**  
Latitudinal gradients in herbivory and defence  
in *Oenothera biennis*

4:00  **Kelly Carscadden (Cadotte/Gilbert Labs, UTSC)**  
Trait choice and dimensionality alter estimates of species  
similarity

4:20  **Stephen De Lisle (Rowe Lab, St. George)**  
Resource competition and the evolution of sexual  
dimorphism

4:40  **Break**

5:00  **Atwood Memorial Lecture**  
Dr. Sarah Otto (University of British Columbia)  
Genomic scope of adaptation for yeast that must adapt or  
die in the face of environmental change

6:00  **Social event**  
2nd Floor, Graduate Student Union Pub

Saturday April 11

9:00  **Coffee & Bagels**  
Moderator: Ken Thompson

9:20  **Pepijn Luijckx (Agrawal/Krkosek Labs, St. George)**  
*Brachionus calyciflorus* evolves higher levels of sex with  
more loci under selection

9:40  **Adriana Salcedo (Stinchcombe/Wright Labs, St. George)**  
Demographic and adaptive history of the tetraploid weed  
*Capsella bursa-pastoris*

10:00  **Aaron LeBlanc (Reisz Lab, UTM)**  
The evolution of dental batteries: new insights into tooth  
development from extinct reptiles

10:20  **Emily Dutton (Frederickson Lab, St. George)**  
Trade-offs between attracting pollinators and ant  
bodyguards with nectar rewards

10:40  **Break**

11:00  **Keynote: Rising Star in Evolution**  
Dr. Emma Goldberg (University of Minnesota)  
Macroevolution of plant reproductive systems

12:00  **Lunch provided - 2nd floor Koffler House**  
Moderator: Arvid Ågren

1:30  **Blurb Session 1**  
**David Smith** (Mideo Lab, St. George)  
**Krystal Nunes** (Kotanen Lab, UTM)  
**Stephanie Mark** (Cutter Lab, St. George)  
**Devin Kirk** (Krkosek Lab, St. George)  
**Diogo de Lavareda Medeiro** (Weir Lab, UTSC)

1:45  **Julio Rivera (Currie Lab, ROM)**  
Let us pray: building a phylogenetic foundation for  
evolutionary research in praying mantises (*Insecta:  
Mantodea*)

2:05  **Luciana Baruffaldi (Andrade Lab, UTSC)**  
Species-specific responses of male widow spiders to sex  
pheromones are the exception, not the rule
Melissa Orobo (Krkosek Lab, St. George)
Alternate stable states and a disease trap in a fishery-aquaculture system

2:45 BURB SESSION 2
Cylita Guy (Ratcliffe/Mideo Lab, UTM)
Jackie Awad (Raboy Lab, St. George)
Ken Thompson (Johnson Lab, UTM)
Shannon Meadley Dunphy (Frederickson Lab, St. George)
Denon Start (Gilbert Lab, St. George)

3:00 BREAK
Moderator: Derek Larson

3:20 Krista Patriquin (Ratcliffe Lab, UTM)
Causes & consequences of fission-fusion dynamics in bats

3:40 Thomas Cullen (Evans Lab, ROM)
Evaluating osteohistological variation in growth marks and osteocyte lacunar density: a case study using theropod dinosaurs

4:00 Janice Ting (Cutter Lab, St. George)
Attack of the killer sperm

4:20 BREAK

4:40 Keynote: Rising Star in Ecology
Dr. Louie Yang (University of California, Davis)
Pulses, phenology and ontogeny: Towards a more temporally explicit framework for species interactions?

6:30 Graduate Appreciation Night
University of Toronto Faculty Club