

2:40 ELEVATOR TALKS

Ken Toyama | Mahler Lab, St. George
Tia Harrison | Stinchcombe & Frederickson Labs, St. George
Melanie Massey | Rollinson Lab, St. George
Claire Manglicmot | Kvist Lab, ROM
Madeline Peters | Mideo Lab, St. George
George Sandler | Agrawal & Wright Labs, St. George

3:00 Break

MODERATOR: FELIX BEAUDRY, ATWOOD COMMITTEE CHAIR

3:20 **Bryon Hughson** | Sokolowski Lab, St. George
Spatio-temporal patterns of *foraging* gene expression underlie developmental trajectory and fitness-related traits in *D. melanogaster*

3:40 **Juan Vargas Soto** | Molnar Lab, UTSC
With the (worm) burden shared: parasite transmission between wild and domestic species in a conservation corridor

4:00 **Robert Reisz** | UTM
Complex Paleozoic terrestrial vertebrate community preserved in the natural traps of a cave system in Oklahoma

4:20 **Monica Mowery** | Andrade Lab, UTSC
Understanding invasiveness: an integrated assessment of invasive potential in black widow spiders

4:40 Break

5:00 **Mark Vellend** | Université de Sherbrooke
ATWOOD LECTURER
Biodiversity change during the Anthropocene

6:30 Graduate Appreciation Night
University of Toronto Faculty Club

ATWOOD COLLOQUIUM IN ECOLOGY & EVOLUTION



RIISING STAR IN EVOLUTION
Dr. Molly Schumer

RIISING STAR IN ECOLOGY
Dr. Malin Pinsky

ATWOOD LECTURER
Dr. Mark Vellend

Dr. Carl Atwood was a respected entomologist, ecologist, and naturalist who taught at the University of Toronto from 1946 to 1972. Each year, the EEB graduate students select a scientist of high distinction whose work embodies Dr. Atwood's dedication to the ecological sciences to give a lecture in his honour.

This lecture series is made possible by a generous endowment from the Atwood family.

FRIDAY 13TH APRIL

1:30 Opening Remarks

MODERATOR: DANIELLE DE CARLE

1:35 **Patrick Moldowan** | Rollinson Lab, St. George

Right tool for the job: comparing field sampling methodologies in a population study of Spotted Salamanders, *Ambystoma maculatum*

1:55 **Vanessa Luzuriaga Aveiga** | Weir Lab, UTSC

The role of ecological differentiation in accelerating trait evolution in Neotropical birds

2:15 **Megan Greischar** | Mideo Lab, St. George

Weathering seasonality: how mosquito ecology influences parasite strategies within the host

2:35 **Molly Hetherington-Rauth** | Johnson Lab, UTM

Island biogeography and the evolution of floral traits

2:55 Break

MODERATOR: JULIA KREINER

3:20 **Amardeep Singh** | Agrawal Lab, St. George

Sex-specific variance in reproductive success and the efficacy of selection

3:40 **Ruben Cordero** | Jackson Lab, St. George

Is there consistency in the assembly of lake fish communities? A null-model examination

4:00 **Darwin Sodhi** | Cadotte Lab, UTSC

The effect of *Vincetoxicum rossicum* on the functional diversity of meadow and understory ecosystems

4:20 **Jasmina Uzunovic** | Wright Lab, St. George

Transposable elements are important contributors to standing variation in gene expression in *Capsella grandiflora*

4:40 Break

5:00 **Malin Pinsky** | Rutgers University

RISING STAR IN ECOLOGY

Life in a giant water bath: consequences for ecological dynamics in the ocean

6:00 **SOCIAL AT GSU PUB**

The Atwood Colloquium in Ecology & Evolution was organized by

Chelsea Rochman, Luke Mahler, Katie Brown, Stephanie Penk, Claire Manglicmot, Melanie Massey, Emma Walker, Danielle de Carle, Leila Forsyth, Tessa Brinklow, Talia Lowi-Merri, Viviana Astudillo-Clavijo, Madeline Peters, Gigi Hoi, Denon Start, Amardeep Singh, Tyler Kent, Julia Kreiner, Rebecca Schalkowski, & Felix Beaudry

SATURDAY 14TH APRIL

8:30 Bagels & Fruit

MODERATOR: TYLER KENT

9:00 **Jason Verbeek** | Kotanen Lab, UTM

The impacts of soil biota on native plant performance in a common thistle invasion

9:20 **Chris Boccia** | Mahler Lab, St. George

Convergence in semi-aquatic *Anolis* lizards

9:40 **Adam Schneider** | Stefanovic Lab, UTM

Variation in photosynthetic function and gene expression in parasitic plants

10:00 **Emily Darling** | Krkosek & Fortin Labs, St. George

Strategic conservation and management of coral reefs in the Anthropocene

10:20 **Karma Nanglu** | Caron Lab, ROM

Diversity and structure of the middle Cambrian Marble Canyon palaeocommunity, British Columbia, Canada

10:40 Break

11:00 **Molly Schumer** | Harvard University

RISING STAR IN EVOLUTION

The evolution of hybrid genomes and populations: insights from swordtail fish

12:00 Lunch

MODERATOR: REBECCA SCHALKOWSKI

1:15 ELEVATOR TALKS

Jalina Bielaska-Da Silva | Cutter Lab, St. George

Alice Zhu | Rochman Lab, St. George

Nishant Singh | Andrade Lab, UTSC

Kiran Wadhawan | Krkosek Lab, St. George

Christopher Blackford | Fortin & Krkosek Labs, St. George

1:40 **Scott MacIvor** | UTSC

Environmental filtering of wild bee diversity by urbanization

2:00 **Jason Laurich** | Frederickson Lab, St. George

Plants, pollinators, and bodyguards: the evolution of rewards and mating system in *Turnera ulmifolia*

2:20 **Emma Walker** | Gilbert Lab, St. George

Global and local processes on extinction trajectories of metapopulations