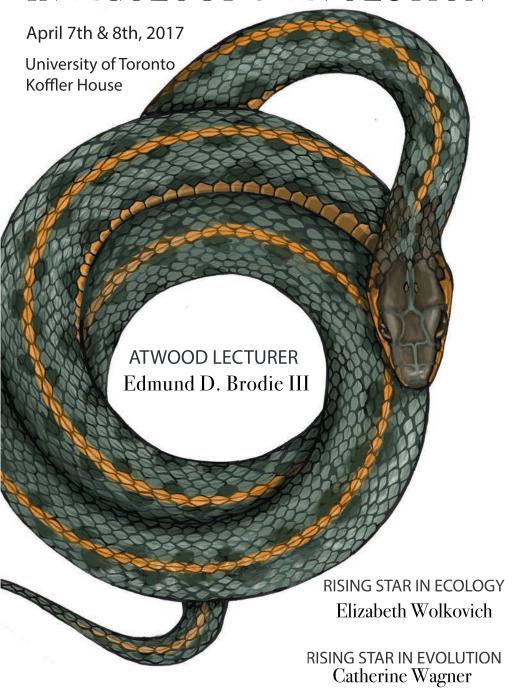
ATWOOD COLLOQUIUM IN ECOLOGY & EVOLUTION



FRIDAY 7TH APRIL

1:30 OPENING REMA	ARKS
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MODERATOR: VIVIANA ASTUDILLO-CLAVIJO

1:35 David Timerman | Barrett Lab, St. George

The aerodynamics of pollen release in wind and insect pollinated flowering plants

1:55 **Abby Daigle** | Jackson Lab, St. George

Detecting the impact of climate change on a boreal freshwater fish community

- 2:15 Arjan Banerjee | Stefanovic Lab, UTM
 Plastid genome evolution in the parasitic plant genus Cuscuta
 (Convolvulaceae)
- 2:35 **Madeline Peters** | Weis Lab, St. George
 Population genetics of flowering time: extending isolation by distance to include isolation by time

2:55 BREAK

MODERATOR: NISHANT SINGH

- 3:20 **Julia Kreiner** | Wright & Stinchcombe Labs, St. George Population genomics of herbicide resistance and agricultural adaptation in *Capsella bursa-pastoris*
- 3:40 Michael Foisy | Rodd & Mahler Labs, St. George
 The non-sexual origins of sexual preferences and ornaments in livebearing fishes
- 4:00 **Maya Sonnenschein Faccio** | Weir Lab, UTSC Sexual differences in plumage introgression across an avian hybrid zone
- 4:20 **Danielle de Carle** | Kvist Lab, ROM Phylogeny and evolution of the leech genus *Placobdella*
- 4:40 BREAK
- 5:00 **Catherine Wagner** | University of Wyoming RISING STAR IN EVOLUTION Speciation and diversity in African cichlid fish radiations

6:00 SOCIAL AT GSU PUB

The Atwood Colloquium in Ecology and Evolution was organized by

Nicole Mideo, Luke Mahler, Abby Daigle, Danielle de Carle, Stephanie Penk, Ao Wang, Viviana Astudillo-Clavijo, Denon Start, Amardeep Singh, Rebecca Schalkowski, Julia Kreiner & Devin Kirk

SATURDAY 8TH APRIL

BAGELS & FRUIT

8:30

	MODERATOR: THOMAS CULLEN
9:10	Brechann McGoey Stinchcombe Lab, St. George Adaptive potential of native and introduced ragweed populations
9:30	James Boyko Mahler Lab, St. George
7.00	Testing for character displacement in Lesser Antillean anoles
9:50	Eddie Ho Agrawal Lab, St. George
	Mutation accumulation in selfing populations when selection fluctuates in intensity
10:10	Josianne Lachapelle Ness Lab, UTM
	Experimental genomics of the evolutionary transition from fresh to salt water
10:30	Melanie Massey Rollinson Lab, St. George
	The effects of climate change on sex determination and timing of developmental events in a northern population of snapping turtles
10:50	BREAK
11:15	Elizabeth Wolkovich Harvard University RISING STAR IN ECOLOGY The race for spring: how climate change alters plant communities
12:15	LUNCH
	MODERATOR: FELIX BEAUDRY
1:30	ELEVATOR TALKS
	Stephanie Penk Molnar Lab, UTSC
	Katrina Kaur Frederickson Lab, St. George
	Ashley Reynolds Evans Lab, ROM Andrew Chin Fortin Lab, St. George
	Rosemary Martin McCauley Lab, UTM
	Carina Firkowski Cadotte & Fortin Labs, UTSC & St. George
	Chris Boccia Mahler Lab, St. George
1:45	Marc Cadotte UTSC
205	Functional traits explain ecosystem function through opposing mechanism
2:05	Connor Fitzpatrick Johnson Lab, UTM When in drought: the effect of water stress on the plant root microbiome
2:25	Amanda Xuereb Fortin Lab, St. George
	Dispersal, connectivity and spatial genetic structure in the sea

MODERATOR: FELIX BEAUDRY

2:45 ELEVATOR TALKS

Hollis Dahn | Rollinson & Murphy Labs, St. George & ROM Molly Hetherington-Rauth | Johnson Lab, UTM Gigi Hoi | Mideo Lab, St. George Ashley Bramwell | Weir Lab, UTSC Jasmina Uzunović | Wright Lab, St. George Leila Forsyth | Gilbert Lab, St. George Sean Anderson | López-Fernández Lab, ROM

3:00 BREAK

MODERATOR: DEVIN KIRK

- 3:20 **Philip Greenspoon** | Mideo Lab, St. George Parasite transmission among relatives halts Red Queen dynamics
- 3:40 **Mateusz Wosik** | Evans Lab, ROM Ontogenetic gait shifts in duck-billed dinosaurs
- 4:00 **Rebecca Schalkowski** | Cutter Lab, St. George Does size matter? Giant sperm in *Caenorhabditis* worms
- 4:20 **Sarah French** | McCauley Lab, UTM
 The landscape context of dragonfly movement and distributions
- 4:40 BREAK
- 5:00 **Edmund D. Brodie III** | University of Virginia ATWOOD LECTURER

Channel surfing the adaptive wave: convergence, constraint and contingency in the evolution of tetrodotoxin resistance

6:30 GRADUATE APPRECIATION NIGHT

University of Toronto Faculty Club



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.