

FRIDAY APRIL 13, 2012

KOFFLER HOUSE ROOM 108

1:00 OPENING REMARKS

- 1:05 DAK DE KERCKHOVE (ABRAMS/SHUTER LAB, ST. GEORGE)**
Spatial realities or special routines? Predation in lakes with schooling fish
- 1:25 ADAM CEMBROWSKI (FREDERICKSON LAB, ST. GEORGE)**
Ants as barriers to pollination success
- 1:45 GREG STEGEMAN (CUTTER LAB, ST. GEORGE)**
Worm siestas
- 2:05 ALISON WARDLAW (AGRAWAL LAB, ST. GEORGE)**
Temporal variation in selection accelerates mutational decay by Muller's ratchet

2:25 BREAK

- 2:45 EMILY MCLEOD (ANDRADE LAB, UTSC)**
Evidence for male mate choice in the Western black widow spider
- 3:05 SHEKHAR BISWAS (WAGNER LAB, UTM)**
Temporal dimension of the Stress Gradient Hypothesis at the intra-specific level
- 3:25 PATRICK FRIESEN (SAGE LAB, ST. GEORGE)**
Robust and efficient C4 photosynthesis makes *Miscanthus* the best choice for bioenergy in Canada
- 3:45 KATE KIRBY (FORTIN LAB, ST. GEORGE)**
How agrobiodiversity relates to human cultural diversity: A case study from the Neotropics

4:05 BREAK

- 4:20 KEYNOTE SPEAKER – DR. STEFANO ALLESINA (U CHICAGO)**
Stable coexistence in large ecological networks

5:20 RECEPTION IN GSU PUB



SATURDAY APRIL 14, 2012

KOFFLER HOUSE ROOM 108

9:20 COFFEE & BAGELS

- 9:40 MIN WYMAN (ROWE LAB, ST. GEORGE)**
Sex-specific differences in additive genetic variances
- 10:00 LISET CRUZ-FONT (SHUTER LAB, ST. GEORGE)**
Food web diversity and lake trout behaviour: a telemetry approach
- 10:20 JENNIFER ISON & EMILY AUSTEN (WEIS LAB, ST. GEORGE)**
Do the conditions giving rise to adaptation by time also impede its development?

10:40 BREAK

- 11:00 KEYNOTE SPEAKER – DR. ANDREA SWEIGART (U GEORGIA)**
Evolution and genetics of hybrid incompatibilities in *Mimulus*

- 12:00 LUNCH PROVIDED**
3rd floor of ESC (by EEB Admin Offices)

- 1:30 BLURB SESSION 1**
Joanna Bundus (Cutter Lab, St. George)
Nathan Lujan (Lopez-Fernandez Lab, ROM)
Kyle Turner (Frederickson Lab, St. George)
Natalie Jones (Gilbert Lab, St. George)

- 1:40 ROBERT WILLIAMSON (WRIGHT LAB, ST. GEORGE)**
Quantifying the strength of positive and purifying selection across the whole genome of outcrossing and selfing *Capsella* species
- 2:00 PATRICK SCHAEFER (CURRIE LAB, ROM)**
Biting black flies breach the Barrens: Evidence for northward migration of insects in arctic Canada
- 2:20 MARC JOHNSON (UTM)**
The ecology and evolution of plant defences against herbivores

- 2:40 BLURB SESSION 2**
Ilona Naujokaitis-Lewis (Fortin Lab, St. George)
Ryan Godfrey (Johnson Lab, UTM)
Arvid Ågren (Wright Lab, St. George)
Michael Wright (Stefanovic Lab, UTM)

2:50 BREAK

3:10 SHANNON REFYIK (LOPEZ-FERNANDEZ LAB, ROM)

Molecular evolution of rhodopsin in Neotropical cichlids

3:30 RACHEL GERMAIN (GILBERT LAB, ST. GEORGE)

Evolution of species interactions: finding meaning in community-level phylogenetic patterns

3:50 JAMES BURNS (SOKOLOWSKI LAB, UTM)

Gene-environment interplay in *Drosophila melanogaster*: Chronic food deprivation in early-life affects adult exploratory and fitness traits

4:10 BREAK

4:30 ATWOOD MEMORIAL LECTURE

Dr. Naomi Pierce (Harvard University)

The herbivore's dilemma: never enough nitrogen

6:30 GRADUATE APPRECIATION NIGHT AT THE FACULTY CLUB

Dr. Carl Atwood was a respected forest 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. The Atwood Lecture is given in conjunction with the EEB Colloquium, which takes place each spring. This lecture series is made possible by a generous endowment from the Atwood family.

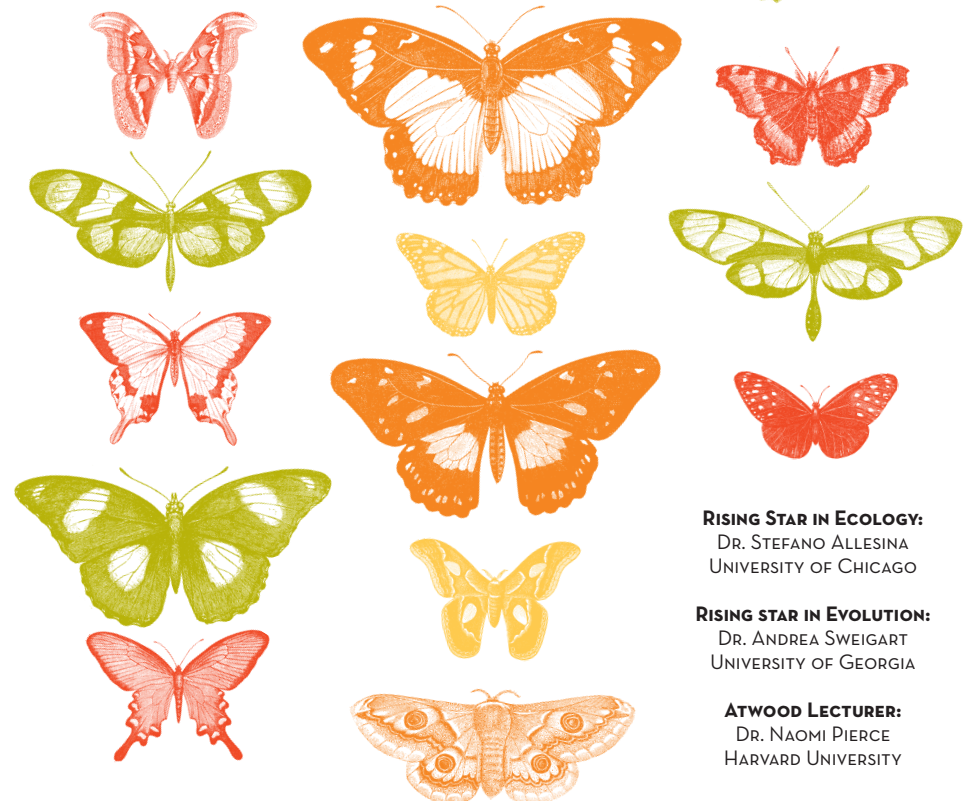


The EEB Colloquium was organized by Aneil Agrawal, Eddie Ho, Anna Li, Emily Josephs, Ramesh Arunkumar, Sarah Hasnain, Sophia Lavergne, Susana Wadgyar and Yuheng Huang. We would like to thank all of the speakers that presented talks as well as the volunteers who helped make this event a success. Graphic design was donated by Gil Martinez for BigGuyStudio.ca



ATWOOD COLLOQUIUM IN ECOLOGY AND EVOLUTION

APRIL 13 AND 14, 2012
UNIVERSITY OF TORONTO



RIISING STAR IN ECOLOGY:
DR. STEFANO ALLESINA
UNIVERSITY OF CHICAGO

RIISING STAR IN EVOLUTION:
DR. ANDREA SWEIGART
UNIVERSITY OF GEORGIA

ATWOOD LECTURER:
DR. NAOMI PIERCE
HARVARD UNIVERSITY