

FRIDAY APRIL 12

1:30 OPENING REMARKS – ANEIL AGRAWAL

Moderator: Arvid Ågren

1:35 STEPHEN DELISLE (ROWE LAB, ST. GEORGE)

Interactive effects of competition and sex ratio on the expression of sexual dimorphism

1:55 KIRSTEN PRIOR (FREDERICKSON LAB, ST. GEORGE)

An invasive ant increases an ecosystem service: ant identity matters in a supposedly diffuse mutualism

2:15 CALEB BROWN (EVANS LAB, ROM)

Evidence for taphonomic size bias in a model Mesozoic terrestrial system, and the hidden diversity of small dinosaurs

2:35 YUHENG HUANG (AGRAWAL LAB, ST. GEORGE)

Genomic variation in experimental *Drosophila* populations under different selective regimes

2:55 BREAK

Moderator: Alison Wardlaw

3:20 KYLA ERCIT (GWYNNE LAB, UTM)

It costs a lot to look this good: Predation and sexually selected traits in tree crickets

3:40 CRYSTAL VINCENT (BAKER/GWYNNE LABS, ST. GEORGE / UTM)

Sexual and genetic variation in resistance and tolerance

4:00 YOUNG WHA LEE (WRIGHT/STINCHCOMBE LABS, ST. GEORGE)

The Maintenance of Standing Genetic Variation in *Capsella grandiflora*

4:20 EMILY JOSEPHS (STINCHCOMBE/WRIGHT LABS, ST. GEORGE)

Maintenance of genetic variation for gene expression in a population of *Capsella grandiflora*

4:40 BREAK

5:00 ATWOOD MEMORIAL LECTURE

DR. JOHANNA SCHMITT (UC Davis)

Mapping life history responses to climate in *Arabidopsis thaliana*

6:30 GRADUATE APPRECIATION NIGHT (FACULTY CLUB)

SATURDAY APRIL 13

9:00 COFFEE & BAGELS

Moderator: NATHANIEL SHARP

9:20 NATALIE JONES (GILBERT LAB, ST. GEORGE)

Is life improving in the North? Changes to zooplankton communities during the last 50 years

9:40 ALISON PARKER & JENNIFER ISON (THOMSON/WEIS LABS, ST. GEORGE)

Pollinator wipe: Assessing the viability and genetic diversity of intraspecific pollen carried on bees and flies

10:00 RAMESH ARUNKUMAR (BARRETT / WRIGHT LABS, ST. GEORGE)

Genomic consequences of transitions from outcrossing to selfing

10:20 JEREMY GRAY (CUTTER LAB, ST. GEORGE)

Genetics of Speciation in *Caenorhabditis*

10:40 BREAK

11:00 KEYNOTE SPEAKER – DR. ALEXEI MAKHLAKOV (UPPSALA UNIVERSITY)

Experimental Evolution of Ageing

12:00 LUNCH PROVIDED - 3RD FLOOR OF ESC (BY EEB ADMIN OFFICES)

1:30 BLURB SESSION 1

Moderator: Aneil Agrawal

REBECCA BATSTONE (Frederickson Lab, St. George)

CONNOR FITZPATRICK (Johnson Lab, UTM)

EDDIE HO (Agrawal Lab, St. George)

ALEX DE SERRANO (Rodd Lab, St. George)

1:40 KIRSTIN BRINK (REISZ LAB, UTM)

Ecology and evolutionary trends in Palaeozoic synapsids: What do the teeth tell us?

2:00 JON SCHNEIDER (LEVINE LAB, UTM)

SINs of *Drosophila*: Social organization in flies

2:20 NICOLE MIDEO (ST. GEORGE)

Clocks and pox: the evolutionary ecology of rhythms in host-parasite interactions

2:40 BLURB SESSION 2

ALEXANDER WATTS (Fortin Lab, St. George)

AUDREY REID (Sprules Lab, UTM)

JOSH HOUGH (Barrett/Wright Labs, St. George)

BRYON HUGHSON (Sokolowski Lab, St. George)

2:50 BREAK

Moderator: **SUSANA WADGYMAR**

3:10 LUCIA KWAN (RODD/ROWE LABS, ST. GEORGE)

Parent-Offspring Conflict and the Evolution of Placenta in Poeciliids

3:30 MARTIN KRKOSEK (ST. GEORGE)

Why does fishing make fish fluctuate?

3:50 JONATHAN RUPERT (FORTIN LAB, ST. GEORGE)

Coral reef food webs in a sea of human activity

4:10 BREAK

4:30 KEYNOTE SPEAKER – DR. JULIA BAUM (UNIVERSITY OF VICTORIA)

Sizing Up Predator and Food Web Baselines
in an Era of Global Change

5:30 SOCIAL EVENT IN RED ROOM & DINNER WITH THE SPEAKERS

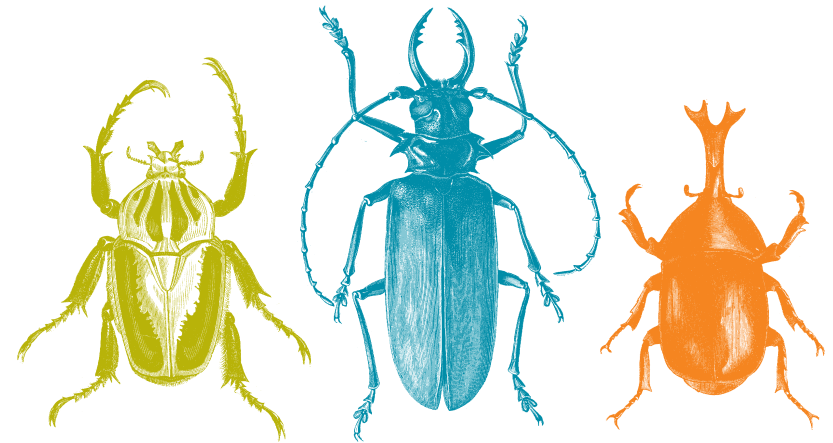
Dr. Carl Atwood was a respected forest entomologist, ecologist, and naturalist who taught at the University of Toronto from 1946 to 1972. Each year, the EEB graduate students select a scientist of high distinction whose work embodies Dr. Atwood's dedication to the ecological sciences to give a lecture 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, Rebecca Batstone, Yuheng Huang, Lucia Kwan, Brechann McGoey, Alison Parker, Kyle Turner, Susana Wadgyamar, and Alison Wardlaw. 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

FRIDAY, APRIL 12 AND SATURDAY, APRIL 13, 2013
KOFFLER HOUSE AT THE UNIVERSITY OF TORONTO



RISING STAR IN ECOLOGY:
DR JULIA BAUM,
UNIVERSITY OF VICTORIA

RISING STAR IN EVOLUTION:
DR ALEXEI MAKLAKOV,
UPPSALA UNIVERSITY

ATWOOD LECTURER:
DR JOHANNA SCHMITT,
UNIVERSITY OF CALIFORNIA, DAVIS