

- 2:30** ELEVATOR TALKS (2<sup>nd</sup> SESSION)  
**RUIPING LUO** | GILBERT LAB  
**LAURA McCRAW** | BOONSTRA LAB  
**ILIA FERZO** | McCAULEY LAB  
**JILL SANDERSON** | MAHLER LAB  
**SIMON INNES** | JOHNSON LAB  
**CHRISTOPHER REID** | FREDERICKSON LAB  
**KEVIN ANDERSON** | KVIST LAB  
**BIANCA SACCHI** | WRIGHT LAB
- 2:50** **BREAK**  
Moderator: Lucas Albano
- 3:10** **RAFAEL IWAMA** | KVIST LAB  
Evolution of anticoagulants in leeches
- 3:30** **CLARA THAYSEN** | ROCHMAN LAB  
The fate of plastics and associated contaminants
- 3:50** **ERIKA FRANGIONE** | STEFANOVIC LAB  
Analysis of repeated reticulate evolution in the genus *Cuscuta* (Convolvulaceae)
- 4:10** **VIVIANA ASTUDILLO** | LOPEZ-FERNANDEZ & CLARAMUNT LABS  
Museum records reveal diverse habitat associations in a continentally-distributed Neotropical cichlid adaptive radiation
- 4:30** **BREAK**
- 4:50** KEYNOTE: ATWOOD MEMORIAL LECTURE  
**DR. SHARON STRAUSS** | UNIVERSITY OF CALIFORNIA, DAVIS  
Coexistence in close relatives: Ecological and evolutionary perspectives
- 6:30** **GRADUATE STUDENT APPRECIATION NIGHT**  
at UNIVERSITY OF TORONTO FACULTY CLUB

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

FRIDAY APRIL 12

1:25 PM – 6:00 PM

SATURDAY APRIL 13

9:00 AM – 6:00 PM

KOFFLER HOUSE  
UNIVERSITY OF TORONTO

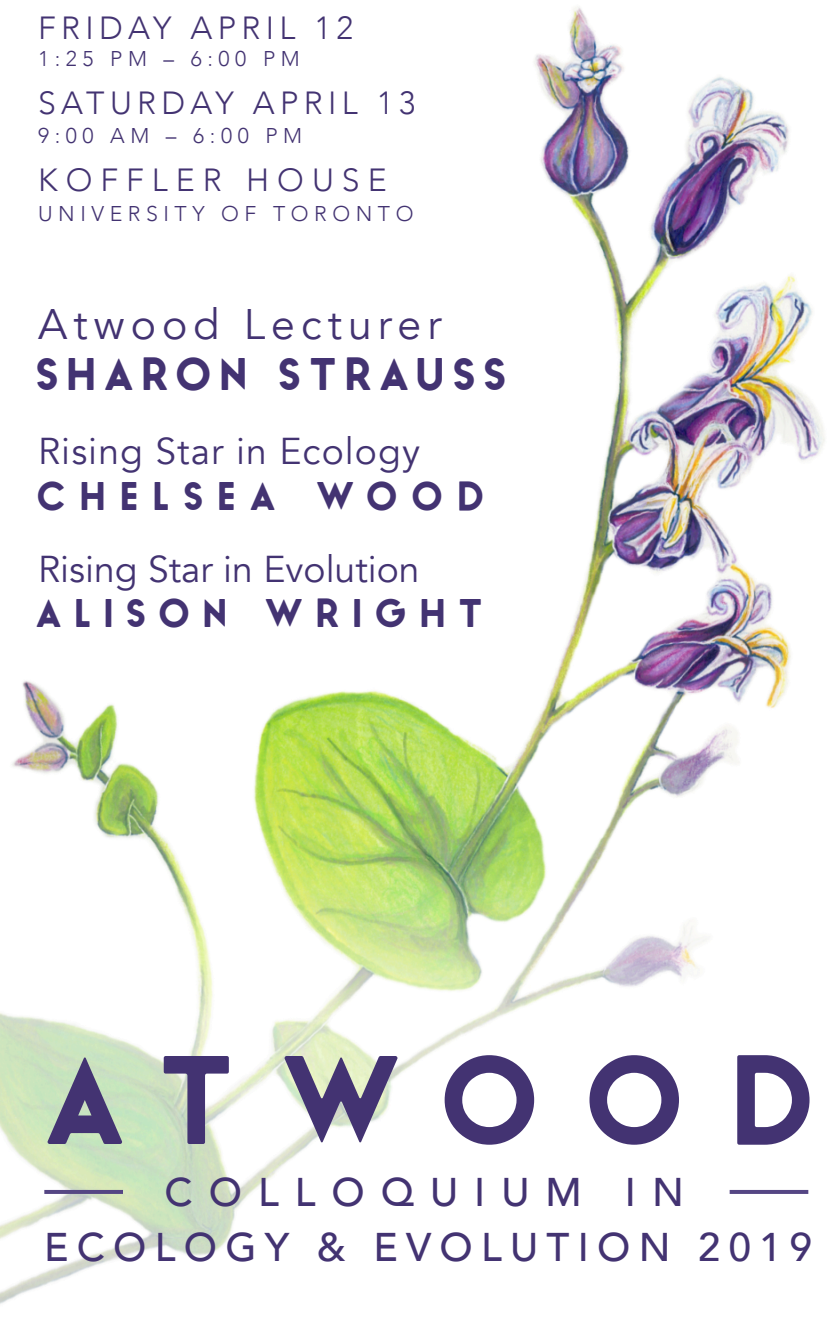
Atwood Lecturer  
**SHARON STRAUSS**

Rising Star in Ecology  
**CHELSEA WOOD**

Rising Star in Evolution  
**ALISON WRIGHT**

**ATWOOD**

— COLLOQUIUM IN —  
**ECOLOGY & EVOLUTION 2019**



# FRIDAY, APRIL 12

## 1:25 OPENING REMARKS: Chelsea Rochman & Njal Rollinson

Moderator: Leila Forsyth

## 1:30 ASHLEY BRAMWELL | WEIR LAB

Reinforcement in Willow and Alder flycatchers

## 1:50 TSUKUSHI KAMIYA | MIDEO LAB

Ecology of host responses to malaria infection

## 2:10 LINDSAY MILES | JOHNSON LAB

Urbanization influences gene flow for the Western black widow spider

## 2:30 TALIA LOWI-MERRI | CLARAMUNT & EVANS LABS

Ecomorphology of flight in the avian sternum

## 2:50 BREAK

## 3:05 DR. ANNA O'BRIEN | FREDERICKSON LAB

Host-microbiome interactions under stress

## 3:25 CARINA FIRKOWSKI | FORTIN & CADOTTE LABS

Metacommunity responses to disturbance mediated by environmental fluctuation

## 3:45 PHOEBE EDWARDS | BOONSTRA LAB

The neurobiology of population cycles

## 4:05 TYLER KENT | WRIGHT LAB

Genome evolution after whole genome duplication in thirty-two Brassicales species

## 4:25 KATIE ZIEBARTH | FORTIN & ROLLINSON LABS

Local-scale drivers of amphibian and reptile beta-diversity in Ontario's landscape

## 4:45 BREAK

## 5:00 KEYNOTE: RISING STAR IN EVOLUTION

**DR. ALISON WRIGHT** | UNIVERSITY OF SHEFFIELD

The genetic architecture of sexual dimorphism

## 6:00 SOCIAL at GRADUATE STUDENT UNION PUB

The 2019 Atwood Colloquium in Ecology & Evolution was organized by: Chelsea Rochman, Njal Rollinson, Amber Gigi Hoi, Stephanie Penk, Lucas Albano, Viviana Astudillo-Clavijo, Korryn Bodner, Leila Forsyth, Christopher Reid, Amardeep Singh, Nishant Singh, Priya Vaidya, Juan Vargas Soto, Emma Walker, Katie Ziebarth, & Tyler Kent

# SATURDAY, APRIL 13

## 8:30 BAGELS & FRUIT

Moderator: Lucas Albano

## 9:00 DR. SANTIAGO SANCHEZ | CUTTER LAB

Tracing the worm timeline: Estimating divergence and coalescence

## 9:20 CELINA BAINES | McCAULEY LAB

The complex effects of parasites on host dispersal

## 9:40 ALLAN EDELSPARRE | SOKOLOWSKI LAB

Scaling up: Understanding movement from individual differences to population-level dispersal

## 10:00 ALEXANDER NASCOU | MOLNAR LAB

Can the thermal sensitivities of a parasite's basic life-history traits explain its distribution? The case of a rapidly spreading muskox lungworm

## 10:20 ASHLEY REYNOLDS | EVANS LAB

Reconstructing life history in extinct mammals using osteohistology

## 10:40 BREAK

## 11:00 KEYNOTE: RISING STAR IN ECOLOGY

**DR. CHELSEA WOOD** | UNIVERSITY OF WASHINGTON

Ghosts of oceans past: How fishing reshapes communities of fishes and their parasites

## 12:00 LUNCH

Moderator: Nishant Singh

## 1:30 ELEVATOR TALKS (1<sup>st</sup> SESSION)

**SOPHIE BREITBART** | WAGNER LAB

**ARIEL GRENIER** | FORTIN & KRKOSEK LABS

**JULIE WANG** | MacIVOR & CADOTTE LABS

**ANTONIO LORENZO** | MIDEO LAB

**JESSICA LEIVESLEY** | ROLLINSON LAB

**RACHEL GILES** | ROCHMAN LAB

## 1:50 DR. LAUREN SCHROEDER | SCHROEDER LAB

Evolution and constraint in the path to early *Homo*

## 2:10 DYLAN SHEA | KRKOSEK LAB

Spatial patterns and drivers of pathogen spread in a coastal ecosystem