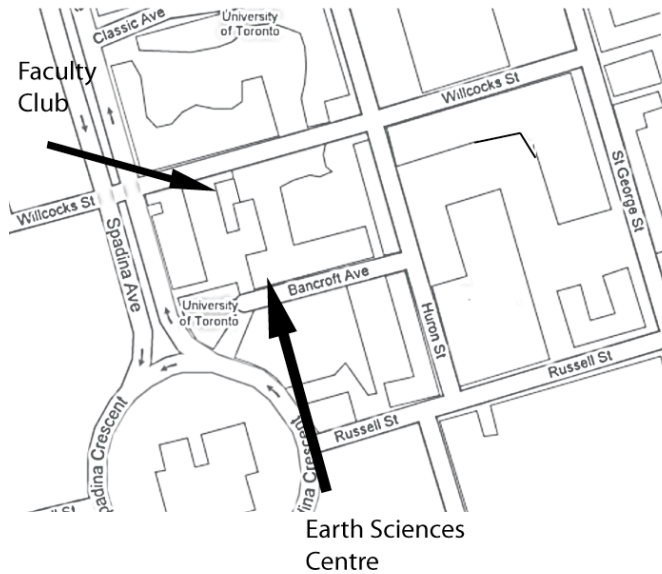


Thank you to all our speakers!

# EEB Colloquium

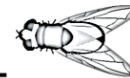
University of Toronto 2008



Featuring



Daniel Pauly  
UBC  
Atwood Lecture




Kelly Dyer  
U Georgia




Jon Shurin  
UBC

1050 Earth Sciences Centre  
St. George Campus, UofT

### Friday April 18

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- 1:00 Opening remarks
- 1:05 Karen Samis (Stinchcombe Lab, St. George)  
Longitudinal clines in flowering time and PHYTOCHROME C  
in *Arabidopsis thaliana*
- 1:25 Paul Venturelli (Shuter Lab, St. George)  
Maternal quality and the sustainability of exploited fish stocks
- 1:45 Anuar Rodrigues (Stefanovic Lab, UTM)  
Molecular systematics of *Conopholis*
- 2:05 Rob Ness (Barrett Lab, St. George)  
Molecular genetic structure & the evolution of mating system  
in the neotropical plant *Eichhornia paniculata*
- 2:25 Cindy Bongard (Manne Lab, UTSc)  
Using satellite imagery to determine habitat types and  
amounts necessary for persistence
- 2:45 Break
- 3:05 Art Weis (Weis Lab, St. George)  
The auto-amplification of genetic variance in flowering time  
through assortative mating
- 3:25 Julio Rivera (Currie Lab, ROM)  
Phylogeography and cryptic speciation of two black fly species  
from western North America (Diptera: Simuliidae)
- 3:45 Jessica Ward (McLennan Lab, St. George)  
Divergence and speciation in the brook stickleback,  
*Culaea inconstans*
- 4:05 Break

- 4:20 Keynote Speaker – Dr. Jonathan Shurin (UBC)  
Comparative trophic ecology of freshwater, marine and  
terrestrial ecosystems

- 5:20 Reception in atrium outside of ESC 1050.
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### Saturday April 19

- 8:30 Coffee & refreshments
- 9:00 Katherine Tedman Aucoin (Agrawal Lab, St. George)  
The plasticity of recombination and Bad genotypes
- 9:20 Rajit Patankar (Thomas & Smith Labs, St. George, Fores  
Determining the role of the spindle gall mite on sugar maple  
canopies in south-central Ontario
- 9:40 Patrick Vo gan (R. Sage Lab, St. George)  
The physiological ecology of C3-C4 intermediate species
- 10:00 David Evans (Evans Lab, ROM)  
Testing hypotheses of sexual dimorphism in lambeosaurine  
dinosaurs
- 10:20 Catherine Febria (Williams Lab, UTSc)  
Where streams meet aquifers - The molecular ecology of  
hyporheic zones
- 10:40 Break
- 11:00 Keynote Speaker – Dr. Kelly Dyer (U Georgia)  
Mind your Xs and Ys: Sex chromosome dynamics in  
mushroom feeding *Drosophila*
- 12:00 Lunch provided in the atrium outside ESC 1050

## Saturday April 19

- 1:20 Tanja Slotte (Wright Lab, St. George)  
Diploid and polyploid speciation in *Capsella*
- 1:40 Shaheen Bagha (T. Sage Lab, St. George)  
The effects of high temperature on reproductive development in rice (*Oryza sativa*)
- 2:00 Mike Rennie (Sprules Lab, UTM)  
Resource switching in fish following a major foodweb disruption
- 2:20 Min Wyman (Rowe Lab, St. George)  
Sexual dimorphism in the *Drosophila melanogaster* transcriptome
- 2:40 Break
- 3:00 Asher Cutter (Cutter Lab, St. George)  
Breeding system evolution in *Caenorhabditis* nematodes: What does the DNA have to say?
- 3:20 Bronwyn Rayfield (Fortin Lab, St. George)  
Quantifying animal movement pathways: implications of uncertainty in landscape resistance values
- 3:40 Steven Short (Short Lab, UTM)  
The diversity and dynamics of freshwater algal viruses
- 4:00 Break
- 4:20 ATWOOD MEMORIAL LECTURE  
Dr. Daniel Pauly (UBC)  
Impact of fisheries and global warming on marine ecosystems and food security
- 6:00 Atwood Lecture Reception followed by Grad Appreciation Night  
(both held at The Faculty Club)

## Speakers



The graduate students have voted Dr. Daniel Pauly (UBC) as the outstanding senior scientist to give this year's Atwood Lecture. According to Maggie Neff (EGSA Co-President), the graduate students selected Dr. Pauly because "His contributions to the field of fisheries science and ecosystem modeling through publications and software and database development make him one of the top scientists in Canada, as evidenced by the numerous awards and honours he has received. In addition, he is a researcher who often steps outside the walls of academia and into the public arena to discuss relevant topics such as overfishing and public policy." Learn more about his research at <http://www.fisheries.ubc.ca/members/dpauly/>

Dr. Kelly Dyer (U Georgia) is an outstanding evolutionary geneticist who studies genetic conflict at several different levels - between chromosomes, between sexes, and between species. Her recent work has been published in PNAS, PLoS, Evolution, and Genetics. Learn more about her work at [http://www.genetics.uga.edu/people\\_bio\\_dyer.html](http://www.genetics.uga.edu/people_bio_dyer.html)

Dr. Jon Shurin (UBC) is an outstanding community ecologist studying the relationship between local and regional species composition and, in doing so, hopes to gain insight into the forces maintaining diversity. His recent work has been published in PNAS, Ecology Letters, Ecology, and Oikos. Learn more about his work at <http://www.zoology.ubc.ca/~shurin/lab/jon.php>