

BIO342 Animal Behavior Seminar Report #2
Seminar: Friday October 31st 4:10 PM in B19

**Lauren Chapman,
Department of Biology
McGill University**

"Swamps and Stress: Hypoxia as a driver of phenotypic divergence in African fishes"



If you are going to attend the seminar, you should read one of her recent papers available on her website.

(<http://biology.mcgill.ca/faculty/chapman/publications.html>).

Realizing that the topic is more about physiology than behavior, I challenge you to consider how physiological divergence can influence behavioral divergence.

In your seminar write up:

- 1) What was the main concept in this seminar?
- 2) How is it novel or different than our past understanding of drivers of phenotypic divergence.
- 3) Describe the experiment that best supported her hypothesis.
- 4) In your own words, explain how these concepts relate to the greater field of sexual selection.

Either hand in a hard copy or email your report to Suzy.