

'396' Undergraduate Research Project Application Form

Version: 200603

Office for Undergraduate Research in Science
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Email: victor.chisholm@mcgill.ca Web: www.mcgill.ca/science/ours/

INSTRUCTIONS FOR STUDENTS

- **All fields are required, unless indicated otherwise.**
- Download and print this form. Complete Section C and sign.
- See "How students can apply" instructions in Section B.
- Your supervisor or department will tell you if you are selected for this project. If so, you will receive a code to register for a '396' course on MINERVA.

SECTION A: SUPERVISOR INFORMATION

Name:	Hans Larsson	Email:	hans.ce.larsson@mcgill.ca
Phone:	514-398-4086 x089457	Website:	http://redpath-staff.mcgill.ca/larsson/
Supervisor's Department or Unit:	Redpath Museum	Course Number:	REDM 396

SECTION B: PROJECT INFORMATION

Term:	Summer 2007	Project start & end dates:	May 15 - August 31, 2007
Project title:	Modularity in fish fins		
Project description:	Visit the Smithsonian Museum of Natural History and American Museum of Natural History to photograph and examine extant and extinct actinopterygian fish pectoral fins. The images will be used to conduct a geometric morphometric analysis of fin shapes to examine the evolution of fish fin diversity and disparity.		
Prerequisites:	1 term completed at McGill + CGPA \geq 3.0; or permission of instructor.		
Grading scheme:	100% final report		
Other:	Read book titled <i>Modularity in Development and Evolution</i> edited by Schlosser and Wagner, 2004.		
Status:	Mark with an x. This project is... <input type="checkbox"/> Open to applicants <input checked="" type="checkbox"/> Already taken; no more positions available this term <input type="checkbox"/> Taken, but contact me for other possible projects this term	Ethics, safety, and training	Which of the following, if any, is involved? Mark with an x. <input type="checkbox"/> Animal subjects <input type="checkbox"/> Human subjects <input type="checkbox"/> Biohazardous substances <input type="checkbox"/> Radioactive materials <input type="checkbox"/> Handling chemicals <input type="checkbox"/> Using lasers
For undergraduate students, ethics and safety compliance is the supervisor's responsibility.			
How students can apply:	Already taken.		

SECTION C: STUDENT INFORMATION. (1) PRINT LEGIBLY AND SIGN. (2) SEE "HOW STUDENTS CAN APPLY" IN SECTION B.

Name:	_____	McGill ID:	_____
Email:	_____@mail.mcgill.ca	Phone:	_____
Program:	(e.g., B.Sc. Maj. Chem. Minor Biology)	Level:	_____
I have not applied for another 396 course in this term.		(circle one)	U0 / U1 / U2 / U3
Student signature:	_____	Date:	_____

SECTION D: APPROVALS. (1) PRINT NAMES & SIGN. (2) NOTIFY OFFICE FOR UNDERGRADUATE RESEARCH IN SCIENCE. (3) GIVE STUDENT CODE TO REGISTER FOR COURSE ON MINERVA.

Supervisor:	_____	Date:	_____
Unit Chair, Director, or designate - I certify that this project conforms to departmental requirements for 396 courses.	_____	Date:	_____