

LUCAS KAVANAGH

CONTACT

ADDRESS: Room 350, Adams Building
McGill University
3450 University Street, H3A 0E8
Montreal, Quebec, Canada
PHONE: 1-514-834-4003
EMAIL: lucas.kavanagh@mail.mcgill.ca
WEB: lucaskavanagh.com

EDUCATION

- | | |
|----------------------------|---|
| SEPT. 2013- <i>Current</i> | M.Sc. at McGill University
<i>Earth and Planetary Science</i>
Research uses palaeoceanographic records to evaluate the biogeochemical effects of marine fish harvesting.
Under the supervision of Dr. Eric Galbraith. |
| SEPT. 2009-AUG. 2013 | B.Sc. (Honours) from the University of Victoria (UVic)
<i>Major: Earth Science, Minor: Ocean Science</i>
Cumulative GPA: 7.72 (on the UVic 9 point GPA scale), Dean's List 2012/2013.
Undergraduate thesis: "The Use of Lithified Raindrop Imprints in Constraining Past Atmospheric Density", under the supervision of Dr. Colin Goldblatt. |
| FEB. 2011-JUNE 2011 | Exchange to the University of Adelaide
<i>Geology and Mathematics</i>
Participated in an exchange semester and a geologic mapping field school in the Flinders Ranges of South Australia. |

WORK EXPERIENCE

- | | |
|----------------------------|---|
| SEPT. 2013- <i>Current</i> | Teaching Assistant, McGill University
Fall 2013: Elementary Earth Physics.
Winter 2014: Earth System Processes.
Responsible for marking student assignments, exams, presentations and providing extra assistance as needed. |
| MAY-AUG. 2013 | Undergraduate Research Assistant, UVic Climate Lab
Developed an iOS based app and a JavaScript based mapping package to present live data from the Vancouver Island School Based Weather Network, under the supervision of Dr. Andrew Weaver. |
| SEPT. 2011-APR. 2012 | Lab Assistant, UVic School of Earth and Ocean Science
Assisted lab instructors with demonstrations and answered student questions in the "The Dynamic Earth", an introductory earth science course. |
| MAY 2010-SEPT. 2011 | Outreach Instructor, Science Venture
Presented in-class workshops for students in kindergarten to grade six, on a variety of physical and natural science topics.
Developed, organized and delivered science curriculum for on-campus and touring summer camps. |

AWARDS AND HONOURS

- DEC. 2013 Outstanding Student Paper Award, American Geophysical Union Fall Meeting
- MAY 2013 NSERC Undergraduate Student Research Award
- MAR. 2013 School of Earth and Ocean Science Honours Presentation Award
- SEPT. 2012 Jamie Cassels Undergraduate Research Award
- AUG. 2012 Alfred and Adriana Potvin Scholarship in Ocean Science
- AUG. 2012 University of Victoria President's Scholarship
- SEPT. 2009 University of Victoria Undergraduate Entrance Scholarship

CONFERENCE PRESENTATIONS

- DEC. 2013 American Geophysical Union Fall Meeting, San Francisco, California
"The Som Palaeobarometry Method: A Critical Analysis"
Lucas Kavanagh and Colin Goldblatt
- NOV. 2013 Quebec Oceans Annual General Meeting, Riviere du Loup, Quebec
"The Biogeochemical Effects of Overfishing: A Proposal"
Lucas Kavanagh and Eric Galbraith

TECHNICAL SKILLS

- Advanced Knowledge: \LaTeX , MATLAB, Microsoft Office (Word, Excel, PowerPoint), Objective-C (X-Code).
- Basic Knowledge: CSS, Gimp, HTML, Inkscape, JavaScript, MySQL, Python.