

Emma Shouldice

Department of Physics and Atmospheric Science
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Research Experience

- PRESENT | **Dalhousie University**, Research Project
The affects of latitude and stratification on river plume dynamics will be investigated using a numerical model.
- SUMMER 2014 | **Bedford Institute of Oceanography**, Laboratory Assistant
Assisted in the age-determination of ground fish using otolith based methodology for the purpose of fishery control.
- WINTER 2013 | **Dalhousie University**, Research project
This project considered the effects of hydraulic dredging on benthic macrofaunal species in Banquereau, Nova Scotia.

Education

- 2012 - PRESENT | **Dalhousie University**
Bachelor of Science, Honours in Physics and Minor in Mathematics

Volunteer Experience

- 2015 - Present | **Vice President of Sponsorship**, The Canadian Conference for Undergraduate Women in Physics (CCUWiP)
Responsibilities include establishing and maintaining sponsorship for CCUWiP to be hosted by Dalhousie University's Department of Physics and Atmospheric Science in January 2016.
- 2012-2014 | **National Board of Directors Nomination Committee**, Girl Guides of Canada
Responsibilities include recruiting and interviewing candidates for the National Board of Directors. Along with making formal policy recommendations to the Board and complying research papers for review.

Scholarships and Certificates

- 2015 ACENET Research Fellowship
2012 Ralph and Kaye Blakeney Memorial Scholarship
2012 Karen W. Tymchuck Memorial Scholarship
2012 Dr David M Soloan Scholarship
2012 Chartwells Bursary
2012 Girl Guides of Canada Provincial Chief Commissioners Bursary Award

Languages

FLUENT: French, English