

ALLISON CULLY

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Research Interests

High-latitude environments, glacial geomorphology, climate change, earth systems modeling, permafrost, glacier-permafrost interactions, glacier-climate interactions

Education

University of Calgary

Calgary, Alberta

2006 - Present

Bachelor of Science, Department of Geography

St. Mary's High School

Calgary, Alberta

Class of 2000 - Valedictorian

Academic Experience: Senior Course Highlights

- Geography 509 - Permafrost (*Fall, 2009*)
Group project focus included lab-based experiment which measured impact of salt presence in freezing soil on depth of freezing front
Final grade: A
- Geography 567 - Intro to Programming in Geographic Information Systems (*Fall, 2009*)
Self-guided assignments included development of programs, scripts and macros for use in a GIS environment using Visual Basic (VB) and VB for Applications
Final grade: A-
- Geography 537 - GIS in Forest Ecology (*Summer, 2009*)
Field-based course focused on field-work practices, included large group project which used habitat mapping to assess field methods and error management in the field and in data analysis
Final grade: B+
- Geography 557 - Advanced Geographic Information Systems: Urban (*Winter, 2009*)
Self-guided major project, presentation, and report which surveyed spatial statistical analysis techniques to demonstrate various data visualization methods with intention to simulate presenting research findings suitably formatted for an academic journal or conference
Final grade: A

Teaching Experience

Guitar Teacher

2007 - present: Cornerstone Music, Calgary
Private instruction specializing in classical guitar and musical theory

Ski Instructor

2005 - 2006: Canada Olympic Park, Calgary
2003 - 2005: Fernie Alpine Resort, Fernie B.C.

Teaching English as a Foreign Language (TEFL) Certificate

2003: Next Level Language Institute - Prague, Czech Republic
135-hour intensive course including 6 hours of observed teaching practice
Internationally recognized TEFL International TESOL Certificate accredited by the
Ministry of Education of the Czech Republic

ESL Teacher

2003: The London Institute - Prague, Czech Republic

Additional Work Experience

University of Calgary Multi-Faith Chaplains' Centre

Communications Assistant: 2008 - present

- website maintenance, writing and designing promotional materials

Thompson Communications

Web Designer: 2007 - present

- building, designing and maintaining websites, domains and hosting, as well as smaller graphic design, photo and video projects

Calgary Flying Club

Webmaster: 2007 - present
Dispatcher: 2004 - 2007

- managing and tracking training flights with company instructors, flights of licenced pilots/club members, coordinating and scheduling aircraft maintenance, updating aircraft logbooks and paperwork, general reception desk management

Additional Activities& Skills

Private Pilot Licence (single-engine, fixed wing, night endorsement)

2004: Canadian Rockies Flight, Cranbrook, B.C.

2005: Calgary Flying Club, Springbank, AB

Experienced back-country skier

2004: Avalanche Skills Training course - College of the Rockies, Fernie B.C.

2005: Canadian Avalanche Association - Avalanche Operations Level 1 (ski)

Illustrator

2008-present: The Gauntlet student newspaper - feature editorial cartoons