

Gryphen Goss

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Education

- Yale University**, Pursing a Ph.D. in Geochemistry **Sept 2021 – Present**
New Haven, Connecticut, United States
- University of Calgary**, M.Sc. in Geology **Sept 2019 – Aug 2021**
Calgary, Alberta, Canada
- Purdue University**, B.S. in Geology and Geophysics **Aug 2015 - Dec 2018**
West Lafayette, Indiana, United States

Research and Technical Experience

Tentative PhD. Research **Sept 2021 – Present**

Yale University, New Haven, Connecticut, United States

- Utilizing rhenium–osmium geochemistry to reconstruct paleo icesheet behavior during periods of high air temperatures and pCO₂ levels above pre-industrial

MSc. Thesis Project **Sept 2019 – Aug 2021**

University of Calgary, Calgary, Alberta, Canada

- Satellite imagery remote sensing and historic air photo analysis of fluvial response to rapid geomorphic events due to climate change

Arctic Field Summer School **May 2019 – Jun 2019**

Arctic Institute of North America

Kluane Lake Research Station, Yukon, Canada

- Introduction to interdisciplinary remote sensing for field-based cryosphere and climate change research and cultural experience with indigenous communities in SW Yukon, specifically Champagne and Aishihik First Nations

Juneau Icefield Research Program (JIRP) **Jun 2018 – Aug 2018**

Juneau Icefield, Alaska/British Columbia, United States/Canada

- Geological and glaciological field studies on the Juneau Icefield and Coastal Mountain Batholith

Purdue Rare Isotope Measurement Laboratory (Prime Lab) **Apr 2017 – Jul 2019**

Lab Technician, Purdue University, United States

- Chemical and physical processing for sample preparation of radionuclides Beryllium-10, Aluminium-26, and Chlorine-36, monitored accelerator mass spectrometer control systems for data collection during the night shift

Leadership and Scientific Communication

“Skype-a-Scientist”

May 2021

- “Life as a geomorphologist and climate scientist” virtual presentation for a 7th grade class in Denver, CO

Conference Presentations

Vice President

Sept 2020 – May 2021

Graduate Association of Geology and Geophysics,
University of Calgary

Social Media Project Research Liaison

Sept 2017 – Oct 2018

Purdue University, MAGIC – DML

- Mapping, Measuring, Modeling Antarctic Geomorphology and Ice Change in Droning Maud Land

Teaching Assistant

Yale University

- Climate Change, EPS 101

Fall 2021

University of Calgary

- Geology, Engineering, and the Environment, GLGY 471
- Surficial Processes, GLGY 353
- Principles of Geoscience, GLGY 201

Fall 2020

Spring 2020

Fall 2019

Awards and Funding

Alberta Graduate Excellence Scholarship	September 2020	\$11 000 cad
Denton, Andrews, Porter Glacial Geology Award (GSA)	July 2020	\$2000 usd
Jake Swart Memorial Graduate Scholarship	June 2020	\$6900 cad
Arctic Institute of North America Grant-In-Aid	March 2020	\$1000 usd
Charles and Elizabeth Babcock Scholarship	January 2019	\$882 usd
Cedric J Newby Award	February 2018	\$600 usd
Purdue EAPS Students Ambassador Award	February 2018	\$500 usd
Leary UG field Work Scholarship	February 2018	\$3000 usd
Shieh Geochemistry Scholarship	February 2018	\$1000 usd

References:

Dr. Alan Rooney
Faculty of Earth and Planetary Science
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Dr. Jon Harbor
Provost of Purdue Global
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Dr. Dan Shugar
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Dr. Seth Campbell
Faculty of Earth and Climate Sciences
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