

## Scott Braddock

---

Bryand Global Sciences Building – University of Maine - Orono, ME 04469

(860) 605-7456 • [scott.braddock@maine.edu](mailto:scott.braddock@maine.edu)

### Education

PhD. current School of Earth and Climate Sciences and Climate Change Institute, University of Maine  
**Advisors:** Dr. Seth Campbell and Dr. Brenda Hall

M.Sc., 2014 School of Earth and Climate Sciences and Climate Change Institute, University of Maine  
**Dissertation:** *Holocene sea-surface temperatures in McMurdo Sound region, Antarctica*  
**Advisor:** Dr. Brenda Hall

B.Sc., 2012 Geological Sciences, Central Connecticut State University  
**Dissertation:** *Fracture patterns and paleo-overburden along a retrodeformed cross-section*  
**Advisor:** Dr. Mark Evans

### Relevant work experience

Round River Conservation Studies – Guide/Instructor (80+ hours/week) 12/2016 – 05/2018  
Patagonia, Chile and Osa Peninsula, Costa Rica

- Scheduled and led program activities, including academics and biological field research
- Managed logistics and safety in remote-field location for three months for groups of 8 to 10 undergraduate students
- Collaborated with local community, government agencies and park staff on research
- Taught undergraduate courses in applied conservation biology, biological field methods, natural history, restoration ecology and human ecology
- Guided students on expeditions to scientifically unexplored regions of Chilean Patagonia

Juneau Icefield Research Program – Field staff/faculty (80+ hours/week) 2015 & 2021  
Juneau, Alaska

- Staff and faculty for 35 participants for 6 weeks on the icefield in remote camps
- Trained students mountaineering and glacier-travel skills
- Managed a remote field camp. Responsible for logistical support that included coordinating helicopters, food orders and camp maintenance
- Assisted students on research projects

### Publications:

Minimal late Holocene ice-mass change inferred from relative sea-level data, Pine Island Bay, Antarctica. Braddock, S., Hall, B. L., Johnson, S. J., Balco, G., Spoth, M., Whitehouse, P.L., Campbell, S., Goehring, B.M., Rood, D. H., Woodward, J. Submitted June, 2021

## Oral presentations

Braddock, S. Mechanisms for glacier acceleration of the Southern Patagonian Icefield, Chile. October, 2020. GSA Annual Meeting – Online

Braddock, S. Holocene relative sea level change in the Pine Island-Thwaites Glacier region Of West Antarctica. December, 2020. American Geophysical Union - Online

Braddock, S. Relative Sea Level history of Pine Island Bay, Antarctica. September, 2019 ITGC invited talk, Queens College, Oxford, England.

Braddock, S. International Thwaites Glacier Collaboration, premilitary results from geological history constraints. April, 2019. Harold W. Borns, JR. Symposium, University of Maine

Braddock, S. Holocene sea-surface temperatures in the McMurdo Sound region, Antarctica, reconstructed from isotope records of *Adamussium colbecki*. April 17, 2014. Harold W. Borns, JR. Symposium, University of Maine.

## Grants and scholarships awarded

### Recent Grants

#### 2020

- 1) American Alpine Club.
- 2) Geological Society of America.

#### 2019

- 1) Churchill Exploration Fund, University of Maine. *Mechanisms for glacial acceleration of Southern Patagonian Icefield, Chile.* Braddock, S.
- 2) American Alpine Club. *Climate impacts on the glaciers and wildlife of the Southern Patagonian Icefield, Chile.* Braddock, S.
- 3) Geological Society of America. *Mechanisms for glacier acceleration of the Southern Patagonian Icefield, Chile.* Braddock, S.

#### 2013

- 1) Churchill Exploration Fund, University of Maine. *Terminal Pleistocene glaciation of high-altitude Andes near Chivay, Peru: Implications for tropical paleoclimate and Paleoindian-age people.* S. Braddock Lead, P, Pluta.
- 2) Graduate Student Government, University of Maine. *Oxygen analysis of shell samples collected from Antarctica.* S. Braddock.

## Scholarships

- 2011 The Environmental Professionals of Connecticut Scholarship.

## Field experience

- 2021 *Juneau Icefield, Alaska.* Teaching and Research Faculty
- 2019 *Pine Island Bay region, Antarctica.* Research Scientist  
*Chilean Patagonia.* Research Scientist
- 2018 *Chilean Patagonia.* Conservation Scientist
- 2017 *Chilean Patagonia.* Conservation Scientist  
*Osa Peninsula, Costa Rica.* Conservation Scientist

- 2016 *Seward, Alaska*. Adventure 60 North – Glacier and Sea Kayak Guide
- 2015 *Juneau, Alaska*. Juneau Icefield Research Program – Field staff and glacier guide
- 2014 *Dry Valleys, Antarctica*. Research Scientist
- 2013 *Dry Valleys, Antarctica*. Research Scientist  
*Andes, Peru*. Research Scientist
- 2012 *Juneau, Alaska*, Juneau Icefield Research Program

**Special training**

- Wilderness First Responder since 2015
- CPR/AED certified
- Juneau Icefield Research Program – Glacier travel and rescue training Juneau, AK.