



THE CLIMATE CHANGE INSTITUTE **GRADUATE EDUCATION**

exploration and discovery

world RENOWN

THE CLIMATE CHANGE INSTITUTE is an interdisciplinary research unit organized to conduct research and graduate education focused on variability of the Earth's climate, ecosystems, and other environmental systems and on the interaction between humans and the natural world. Institute investigations cover the Quaternary Period, a time of numerous glacial/interglacial cycles and abrupt changes in climate, ranging in time from the present to nearly 2 million years ago. Research activities include field, laboratory, and modeling studies that focus on the timing, causes, and mechanisms of natural and anthropogenically forced climate change, and on the effects of past climate changes on the physical, biological, chemical, social, and economic conditions of the earth. Institute research is supported by grants from a variety of sources including the National Science Foundation, the National Oceanic and Atmospheric Administration, the National Aeronautics and Space Administration, and support from the Bingham Trust, the W. M. Keck Foundation, and the Dan and Betty Churchill Exploration Fund.

“The Climate Change Institute offers students the most remote regions on earth and access to state research concerning global climate change.” — Bjorn

opportunity to conduct fieldwork in some of the most remote regions on earth and access to state of art laboratory facilities, promoting cutting-edge research concerning global climate change.” — Bjorn Grigholm, Graduate Student

major SCIENTIFIC CONTRIBUTIONS in a Multi-Disciplinary Learning Environment

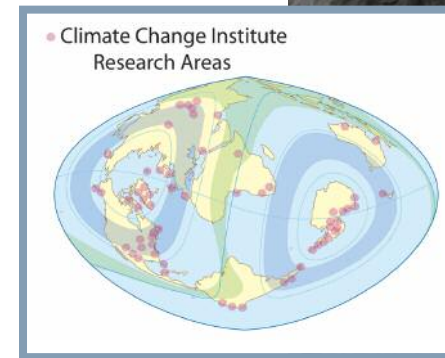
Climate Change Institute researchers have been leaders in major research endeavors such as the Greenland Ice Sheet Project Two and the International Trans Antarctic Scientific Expedition and many other multi-institutional and multi-national activities in addition to recognition through major national and international awards.

To accomplish its goal of better understanding climate change and its impact on humans and ecosystems the Institute includes faculty, staff, and students from the departments of Anthropology, Biological Sciences, Computer Science, Earth Sciences, History, and the School of Marine Sciences. Facilities include the Stable-Isotope Laboratory, the Ice Core Microparticle and Tephrochronology Laboratory; the Ion Chromatography and Glaciochemistry Laboratory; the Marine Geology/Geophysics Laboratory, Geographic Information Systems Laboratory, the Micropaleontology Laboratory, the

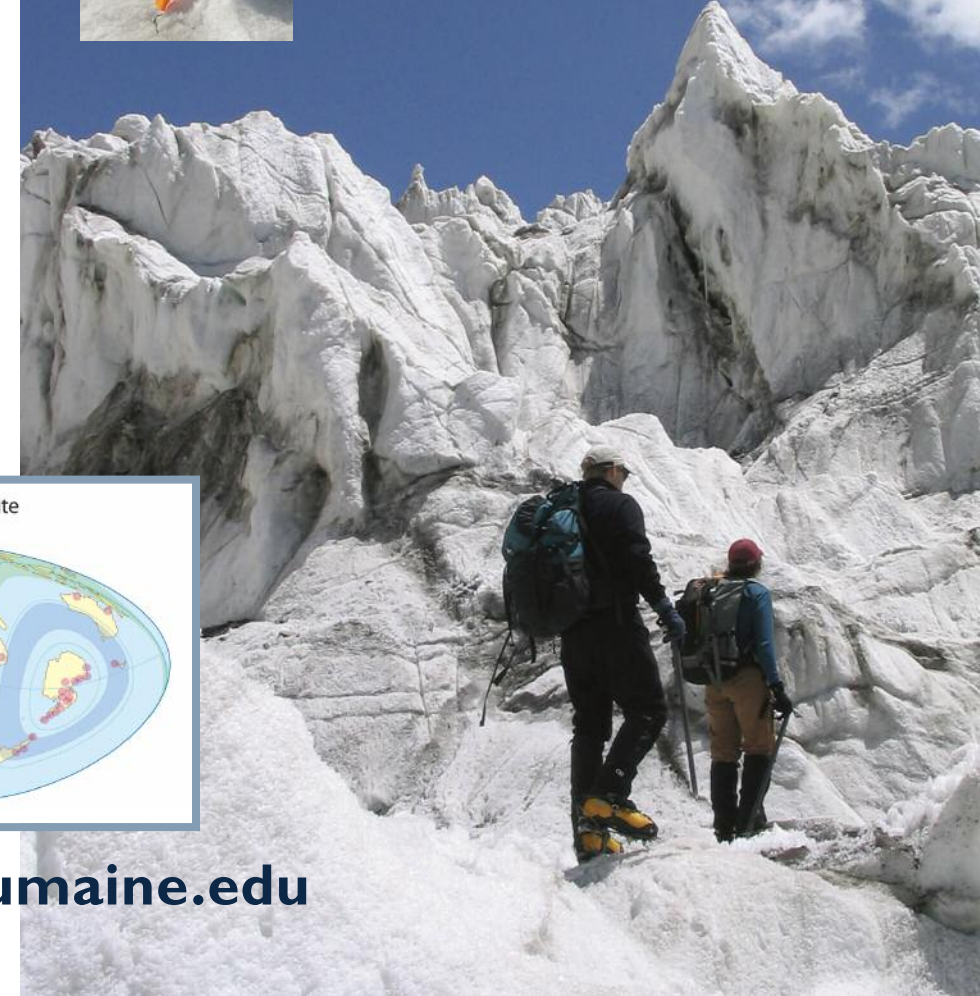
Paleoecology Research Laboratory; the Zooarchaeology Laboratory; the Laboratory for Northeastern Prehistory; and the Andean Archaeology Laboratory.

Institute research is of international scope and significance, and includes projects in the United States, Antarctica, Asia, Canada, Europe, Greenland, New Zealand, South America, and many regions of the world's oceans. The Institute also has a tradition of honorary members including Thor Heyerdahl.

Graduate degree options include an MS in the Institute or associated departments and a PhD in associated departments.



“As graduate students in the Climate Change Institute, we are given incredible opportunities to contribute to cutting-edge research, and interact with a wide-variety of climate experts.” — Leigh Stearns, Graduate Student



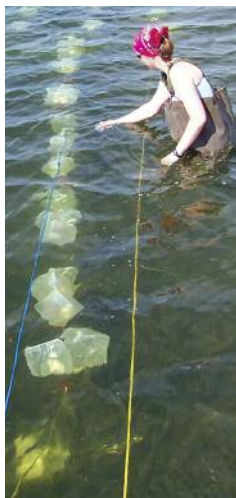
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explore

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discover



For details concerning graduate research opportunities
contact the Graduate Studies Coordinator

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