

Stacy Carolin

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Research Interests

Speleothem records of tropical climate variability
Abrupt climate change over the last glacial and penultimate interglacial periods

Education

2014: Ph.D., Earth and Atmospheric Science, Georgia Institute of Technology
(*expected*) Advisor: Dr. Kim Cobb

2008: B.S., Earth and Atmospheric Science, Georgia Institute of Technology

Awards

John Bradshaw Award, GT Earth and Atmospheric Science (2012)
National Science Foundation Graduate Research Fellowship (2011)
Graduate Presidential Fellowship, GT Earth and Atmospheric Science (2010)
Georgia Tech Undergraduate Research Opportunities Program Award (2008)
Georgia Tech Office of International Education Award (2008)
Rutt Bridges Undergraduate Research Initiative Award (2008)
Reginald S. Fleet International Scholarship (2007)

Professional Experience

Graduate Teaching Assistant, Earth and Atmospheric Science, Georgia Institute of Technology (2011).
Paleoclimate (grad/undergrad).

Director/Owner, Teachers Next Door, LLC (2009-2011).

Project Engineer, Smith Aldridge Inc. (2008-2010).

Student researcher, field expedition to Borneo (2008).

Undergraduate Research Assistant, Earth and Atmospheric Science, Georgia Institute of
Technology (2007-2008).

Undergraduate Teaching Assistant, Mathematics, Georgia Institute of Technology (2007-2008).
Survey of Calculus (undergrad), Calculus III (undergrad).

Presentations

Abrupt climate change in a glacial world: global mechanisms inferred from cave records,

Graduate Student Symposium, Georgia Institute of Technology, Atlanta, GA, Apr. 13, 2012.

Stalagmite record of millennial-scale hydroclimate variability in Borneo during the last glacial period, AGU Fall Meeting, San Francisco, CA, December 5, 2011.

Understanding the Tropical Pacific's Role in Abrupt Climate Change Events. Graduate Student Symposium, Georgia Institute of Technology, Atlanta, GA, Apr. 15, 2011.

Global Climate Change: Fact and Fiction. Grady High School, Atlanta, GA, Feb. 9, 2011.

Stalagmite Records of Abrupt Climate Change. Grady High School, Atlanta, GA, Nov. 1, 2010.

Synergistic Activities

Host of Borneo Project "Last Nomad" Movie Screening / Benefit Event, Georgia Institute of Technology (2011).

Committee member for review of President's Undergraduate Research Award applications, Georgia Institute of Technology (2011).

Committee member for review of President's Scholarship finalists, Georgia Institute of Technology (2011).

Interviewer of President's Scholarship applicants, Georgia Institute of Technology (2009-2011).