

Carrie Morrill

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EDUCATION:

Ph.D. Geosciences, University of Arizona, 2002
Thesis: Century-scale changes in Asian monsoon precipitation during the Holocene
Advisors: Julia Cole and Jonathan Overpeck

M.S. Earth Sciences, University of California Santa Cruz, 1998
Thesis: Modeling orbital forcing of the water balance of Eocene Lake Gosiute
Advisors: Lisa C. Sloan and Paul Koch

B.A. Geology, Carleton College, Northfield, Minnesota, 1996
Thesis: Comparing methods of estimating paleoclimate from leaf physiognomy

EMPLOYMENT:

7/2014 to present	Research Scientist III CIRES and NOAA's NCEI (formerly National Climatic Data Center)
11/2005 to 7/2014	Research Scientist II CIRES and NOAA's National Climatic Data Center, Boulder, CO
10/2004 to 10/2005	Project Scientist I National Center for Atmospheric Research, Boulder, CO
7/2002 to 9/2004	Postdoctoral fellow National Center for Atmospheric Research, Boulder, CO
8/1999 to 7/2002	Graduate student Geosciences Department, University of Arizona, Tucson
8/1998 to 8/1999	Graduate student Geological Sciences Department and Institute of Arctic and Alpine Research, University of Colorado, Boulder
9/1996 to 8/1998	Graduate student and Research assistant Earth Sciences Department, University of California, Santa Cruz

HONORS AND AWARDS:

Kavli Fellow (National Academy of Sciences), 2015
NCAR Advanced Study Program Postdoctoral Fellowship, 2002
Geological Society of America Outstanding Student Research Proposal Award, 2001
NASA Space Grant Outreach Fellowship, 2000-2002
National Science Foundation Earth Systems History Fellowship, 1999
National Science Foundation Graduate Fellowship, 1997-2000
University of California Regents Graduate Fellowship, 1996-1997
B.A. *Summa cum laude*, Distinction in Geology, Phi Beta Kappa, Sigma Xi, 1996

PUBLICATIONS:

orcid.org/0000-0002-1635-5469

https://scholar.google.com/citations?user=R_xVfqUAAAAJ&hl=en

OTHER ACTIVITIES:

- Councilor for Paleoclimatology (elected position), American Quaternary Association, 2006-2010
- Reviewer for *Nature*, *Science*, *Nature Geoscience*, *Nature Communications*, *Geophysical Research Letters*, *Geology*, *Journal of Climate*, *Climate Dynamics*, *Quaternary Science Reviews*, *Quaternary Research*, *Paleoceanography*, *Earth and Planetary Science Letters*, *Journal of Geophysical Research*, *Quaternary International*, *Chemical Geology*, *Water Resources Research*, *Journal of Hydrology*, *Climate Research*, *Global and Planetary Change*, *Scientific Reports*, *Journal of Paleolimnology*, *The Holocene*, *Weather Climate and Society*, *Climatic Change Letters*, *Climate of the Past*, *Progress in Physical Geography*, *Nature Education*, National Science Foundation, UK National Environment Research Council, Earth Observatory of Singapore
- Panel member, National Science Foundation
- Organizing committee member, Kavli Frontiers of Science symposium, 2016
- Paleoclimate Modelling Intercomparison Project (PMIP 3) Co-chair of subcommittee on 8.2 ka simulation intercomparisons, 2008-2013
- Co-convenor, AGU special sessions on “Paleo Evidence of the Earth System during the last 100 years” (Fall 2011), “North Atlantic Freshwater Forcing: History, Consequences and Implications for Future Climate Change” (Fall 2008), “Climate Impacts of Changes to the Thermohaline Circulation” (Fall 2005), and “Rapid Climate Change during the Holocene and last Glacial” (Fall 2003)
- Committee member, AGU Outstanding Student Paper Awards, 2004-2006

- Panel member, Dissertations Initiative for the Advancement of Climate Change Research (DISCCRS) participant selection, 2005
- Co-organizer, NCAR Advanced Study Program Thompson Lecture and NCAR Early-Career Scientist Assembly Third Scientific Leaders Forum, 2003-2004
- Content reviewer for Biological Sciences Curriculum Study textbook “BSCS Science: An Inquiry Approach”, 2006-2010
- Author, “Paleo Perspective on Abrupt Climate Change” at www.ncdc.noaa.gov/paleo
- Guest instructor/presenter at NCAR Research Experience for Teachers workshop (2011), Cutting Edge workshop on “Teaching Climate Change with Ice Core Data” (2008), Sally Ride Science Festival (2008), NCAR Undergraduate Leadership Workshop (2008), University of Denver (2007), NCAR Climate and Global Change Geoscience Education Workshop (2004)
- Science reviewer, Digital Library for Earth Science Education (DLESE) Climate Change Collection, 2004
- Advisor/mentor for 2 post-doctoral scholars, 1 graduate student, 11 undergraduate students, and 2 high school students