

## Curriculum Vitae

Randy L. Rutberg Assistant Professor  
Department of Geography  
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### Education

Ph.D 2000 Department of Earth and Environmental Science, Columbia University  
Dissertation: *The Application of Radiogenic Isotopes to Southern Ocean Paleocceanography.*

B.A. 1992 Department of Environmental Science, Barnard College, New York.

### Professional Experience:

- 2000-present Assistant Professor, Department of Geography, Hunter College, City University of New York.
- 2018 Visiting Research Scholar, Program in Atmospheric and Oceanic Sciences, Princeton University, June through August.
- 2001-present Faculty, Earth and Environmental Doctoral Program, Graduate Center of CUNY.
- 2001-present Faculty, Chemistry Doctoral Program, Graduate Center of CUNY
- 2018 Visiting Research Scholar, Program in Atmospheric and Oceanic Sciences, Princeton University
- 2014 Visiting Scientist, Rutgers University, Department of Environmental Science
- 2006 summer Visiting scientist, National Center for Atmospheric Research, Boulder, CO
- 2001-2009 Adjunct Associate Research Scientist, Lamont-Doherty Earth Observatory of Columbia University
- 1997 Lamont Doherty Earth Observatory, Clean laboratory coordinator
- 1992-1993 Lamont-Doherty Earth Observatory, Project manager for study of PCBs in Hudson River Sediment
- 1991-1992 Radioactive Waste Management Associates, intern
- 1988-1990 Administrative Assistant, Corporate Division, Tiffany & Co.

### Academic and Professional Honors:

- 1993-1999 Columbia University Faculty Fellowship

1998            Barnard College Award Alumnae Award for Excellence in Research  
2002, 2003      Gender Equity Program Fellowship, Hunter College of CUNY

**Refereed Publications:**

Rutberg, R.L. and A. Broccoli (2019), Response of high latitude Southern Hemisphere to precessional forcing: implications for Pleistocene ocean circulation, *Paleoceanography and Paleoclimatology*, 34, doi: 10.1029/2019PA003598.

Rutberg, R. L., and S. L. Peacock (2006), High-latitude forcing of interior ocean  $\delta^{13}\text{C}$ , *Paleoceanography*, 21, PA2012, doi:10.1029/2005PA001226.

Rutberg, R. L., S. L. Goldstein, S. R. Hemming, and R. F. Anderson (2005), Sr isotope evidence for sources of terrigenous sediment in the southeast Atlantic Ocean: Is there increased available Fe for enhanced glacial productivity?, *Paleoceanography*, 20, PA1018, doi:10.1029/2003PA000999.

Rutberg, R., Goldstein, S.L. and Hemming, S.R. (2000) Nd Evidence for Decreased NADW Export to the Glacial South Atlantic, *Nature*, 405, 535-538.

Rutberg, R., Schimel, D., Hajdas, I. Broecker, W.S. (1996) The Effect of Tillage on Soil Organic Matter Using C-14: A Case Study, *Radiocarbon*, 38, 2, 209-217.

**Books:**

A Literary Companion to Introductory Geology, 1st edition, 2017.

**Colloquium Presentations:**

2015 Queens College, Department of Earth and Environmental Science

**Grants:**

2016 Raab Presidential Research Grant, with Kayla Walsh (undergraduate student)

2015 Undergraduate Research Initiative Grant, with Daniela Lam (undergraduate student)

2013 President's Fund for Faculty Advancement

2013 President's Initiative for Student Engagement, \$1000.

2013 Faculty Research Seminar Grant, R.Rutberg, P.Marcotullio and W. Solecki, \$4000.

2012 Faculty Research Seminar Grant, R.Rutberg, P.Marcotullio and W. Solecki, \$4000

2012 Undergraduate Research Initiative Grant, with Bridgit Boulahanis

2011 Hunter College Hybrid Initiative: Converting Geology 101 from a traditional lecture format to a web-based hybrid course

2010 PSC-CUNY Grant, Exploring the link between extra-terrestrial events and climate change

2010 Hunter College FIT Grant: Creating Google Map Field Trips for Geology 101

2010 PSC-CUNY Grant Exploring the link between extra terrestrial impacts and climate change

2005 National Science Foundation, ADVANCE award, Valian, Rabinowitz and Rapps (Principal Investigators), Gender Equity Project Faculty Fellowship \$10, 000 (6/1/05-5/31/06).

2005 PSC-CUNY, Increased Biological Productivity in the North Pacific at the Last Glacial

**Service:**

Barnard College, mentor, Mentor-on-Call program

National Science Foundation, Climate Voices, speaker

Hunter College, Department of Geography, Curriculum Committee

Hunter College, Division of Arts and Sciences, Curriculum Committee

Hunter College, Department of Geography, Assessment coordinator

City University of New York, Macauley Honors College Admissions Committee 2009-2011

Hunter College, Department of Geography, Environmental Studies Curriculum Committee

Hunter College, Department of Geography Awards Committee,

Hunter College, Catalyst Mentor in NSF sponsored undergraduate training program

Teaching with Technology seminar speaker and participant

**Students Supervised:**

Nitara Gilles

Malwina Pelzcar

Lilibeth Liriano

Vadim Ayzenshtat\*

Melissa Cauchi

Ashley Row

Daniela Lam

Bridgit Guzman\*

Nicholas Wilkie

Andre Scheinwald

Brigit Boulahanis

Steven Sobolowski

Catherine Vaninwegen

Shastine Van Vugt

\*winner of Cohen Prize for Excellence in Geographic Research