

Pamela Grothe

Assistant Professor at University of Mary Washington

Fredericksburg, VA, US

Dr. Grothe's research focuses on climate change, specializing in past climates.

Biography

Dr. Pamela Grothe (Medley) is an Assistant Professor in the Department of Earth and Environmental Sciences at the University of Mary Washington. She completed a Ph.D. in Paleoclimatology at Georgia Institute of Technology. Her current research uses fossil oysters and corals to reconstruct climate change over the past hundreds to thousands of years in order to put present-day climate change into context. Her work led to the discovery that El Niño Southern Oscillation (ENSO) variability is stronger today than over the past 6000 years.

Areas of Expertise

Oceanography, Global Warming, Climate Change Science, Atmospheric Science, Geology, Student-centred learning, Earth and Atmospheric Science, Paleoclimatology

Affiliations

American Geophysical Union: Member, The Geological Society of America: Member, Graduate Women in Science: Member

Education

Georgia Institute of Technology

Ph.D. Earth and Atmospheric Science

University of Colorado at Boulder

M.S. Geological Sciences

University of Mary Washington

B.S. Geology

Accomplishments

Hartley Corporation Fellowship

Awarded by Sigma Delta Epsilon/Graduate Women in Science, 2014.

National Science Foundation Scholarship

Awarded to facilitate attendance at the Urbino Summer School in Paleoclimatology, 2014.

Presidential Fellowship

Awarded by Georgia Institute of Technology, 2012.

Silver Medal Award

Awarded by the Cooperative Institute for Research in Environmental Sciences (CIRES) for scientific or engineering achievement, 2009.

Victor Zullo Memoria Research Award

Awarded by the University of North Carolina Wilmington to support a student in the Department of Geology, 2007.

Sylvia and B.D. Schwartz Graduate Fellowship Award

Awarded by the University of North Carolina Wilmington, 2007.

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