Curriculum Vitae Maureen E. Raymo

Bruce C. Heezen Lamont Research Professor, Lamont Doherty Earth Observatory
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http://www.moraymo.us

PERSONAL: Born 1959, in Los Angeles, CA. Two children (now adults).

EDUCATION
- 1989, Ph.D. Geology, Columbia University, New York, NY
- 1988, M. Phil. Geology, Columbia University, New York, NY
- 1985, M.A. Geology, Columbia University, New York, NY
- 1982, Sc.B. Geology, Brown University, Providence, RI

PROFESSIONAL EXPERIENCE
- Lamont Doherty Earth Observatory, Bruce C. Heezen Lamont Research Professor, 2015-present
- Lamont-Doherty Earth Observatory, Lamont Research Professor, 2011-2015
- Lamont-Doherty Earth Observatory, Director, Lamont-Doherty Core Repository, 2011-present
- Boston University, Research Professor, Dept. of Earth Sciences, 2003-2011
- Boston University, Research Associate Professor, Dept. of Earth Sciences, 2000-2003
- Woods Hole Oceanographic Institute, Adjunct Scientist, 2001-2007
- MIT, Associate Professor, Dept. Earth, Atmospheric, and Planetary Sciences, 1997-2000
- MIT, Assistant Professor, Dept. Earth, Atmospheric, and Planetary Sciences, 1992-1997
- University of California, Berkeley, Assistant Professor, Dept. Geology and Geophysics, 1991-1992
- Lamont-Doherty Geological Observatory, Adjunct Associate Research Scientist, 1989-1994
- University of Melbourne, Australia, Associate Scientist, Geology Dept., 1989-1990
- Columbia University, Graduate Research Assistant, LDGO and Dept. of Geology, 1983-1989
- Lamont-Doherty Geological Observatory, Research Assistant, 1982-1983
- Brown University, Undergraduate Research Assistant, Geology Department, 1979-1982

AWARDS & HONORS
- Honorary Fellow, The Geological Society, elected 2015
- Wollaston Medal of the Geological Society of London, 2014 (first/only woman since 1831)
- Milutin Milankovic Medal of the European Geosciences Union, 2014
- Montefeltro Medal of the Urbino Summer School in Paleoclimatology, 2012
- Fulbright-Nehru Fellowship, India, 2011-2012
- Fellow, American Geophysical Union, elected 2011
- Fellow, American Association Advancement of Science, elected 2007
- John Simon Guggenheim Fellow, 2003-2004
- Robert L. and Bettie P. Cody Award in Ocean Sciences, Scripps Institution of Oceanography, 2002 (first/only woman since 1989)
- *Discover* Magazine, 50 Most Important Women in Science, November 2002
- Cecil and Ida Green Career Development Chair, MIT, 1993
- National Young Investigator Award, National Science Foundation, 1992
- Bausch and Lomb Science Award, 1978

NAMED INVITED LECTURES
- Sokol Science Lecture, Montclair State University, Sept. 30, 2014.
- London Quaternary Lectures, Royal Holloway, Univ. of London, February 2008
- Marjory Stoneman Douglas Lecture, Wellesley College, April 2007
- John Wesley Powell Memorial Lecture, SWARM-AAAS, 2006
- Rochester Institute of Technology, College of Science Distinguished Speaker, May, 2006.
- Emiliani Lecture, American Geophysical Union, December 2005
- Snee Graduate Organization Guest Geologist, Cornell University, October 2005
- Distinguished Visiting Lecturer, College of Sciences, Old Dominion University, April (2 talks), 2002
- Mountain Research Center Distinguished Lecturer, Montana State University, 1996
- Joint Oceanographic Institutions/USSAC Distinguished Lecturer, 1994-1995

VISITING POSITIONS

• National Institute of Oceanography, Goa, India, Nehru-Fulbright Senior Research Scholar, Nov. 2011- Feb. 2012
• Woods Hole Oceanographic Institution, Guest Investigator, 2010-2011
• University of Melbourne, Australia, Visiting Research Fellow, Meteorology Dept., 1989-1990

PROFESSIONAL MEMBERSHIPS

• Sigma Xi, elected 1989
• American Geophysical Union
• Geological Society of America
• American Association Advancement Science
• European Geosciences Union

SELECTED PROFESSIONAL COMMITTEES & ACTIVITIES

• President's Advisory Committee, Columbia University, 2015-2016.
• Broad Search Committee, LDEO and Chair, LARP Search subcommittee, 2015-2016.
• Editorial Board, Stratigraphy and Timescales, 2015-present.
• MARUM Scientific Advisory Board Member, Center for Marine Environmental Sciences, University of Bremen Germany, 2015-present.
• Scientific Steering Committee, International Conference on Paleoceanography XII, 2015-present.
• Co-PI, U.S. Science Support Program of the IODP, based at LDEO 2015-2020.
• Member, Lamont Climate Center Committee, 2014-
• Mayor's Pier Building Committee, Piermont, NY, 2014-
• Chair, Lamont Hall Restoration Committee, LDEO, 2014-2015.
• Chair-Elect, now Chair of the Section on Geology and Geography, AAAS, 2014-present.
• 2014-2015 Award Committee, EGU Milutin Milankovic Medal
• AGU Paleoceanography and Paleoclimatology Section Fellows committee, AGU, 2013-2014
• Emiliani Lecture/Award Committee, AGU, 2013-2014
• Subcommission on Neogene Stratigraphy Corresponding Member, 2012-present
• Co-Chair, Strategic Planning Committee, Lamont-Doherty Earth Observatory, 2012-2014
• Steering Committee, PALSEA, 2010-2015
• Chair, Science Advisory Structure Executive Committee (SASEC) of the Integrated Ocean Drilling Program, 2009-2011
• Vice-Chair, Science Advisory Structure Executive Committee (SASEC) of the Integrated Ocean Drilling Program, 2007-2009
• Member, IWG+, International Working Group to plan next drilling program, 2009-2011
• Liaison, Science Plan Writing Committee (edited final draft of plan), International Ocean Discovery Program, 2010-2011
• Participant (sponsored by JOI) in the Coalition for National Science Funding Congressional Hill Visits, Washington D.C., 2010.
• NSF, Marine Geology and Geophysics proposal review panels, 1995, 1997, 2007
• Program Review Committee, Earth System History (ESH), NSF 2006
• Chair and member, Electorate Nominating Committee of the AAAS Section on Geology and Geography, 2001-2004 (Chair, 2003-2004)
• Macelwane Medal Committee, AGU, 2002-2004
• Editor Search Committee, *Paleoceanography*, 2000
• Visiting Committee, Monterey Bay Aquarium Research Institute, 1999
• Committee on Paleoceanography and Paleoclimatology, AGU, 1994-1999
• Visiting Committee, Dept. of Earth and Planetary Sciences, Harvard University, 1993-1999
• JOIDES Science Committee (SCICOM), 1997-1999
• Editorial Board, *Geology*, 1993-1998
• NSF FUMAGES Working Group on Climate and the Sediment Record, 1996
• ODP Detailed Planning Group, Blake-Bermuda Rise Drilling, 1996
• JOIDES Ocean History Panel, 1992-1994
• Chairman, ODP Detailed Planning Group, North Atlantic-Arctic Gateways, 1993
• Pliocene Time Scale Working Group, International Union of Geological Sciences Subcommission on Neogene Stratigraphy, 1991

CONFERENCE & WORKSHOP ORGANIZATION

- Scientific Steering Committee, Multiproxy Approach to the Reconstruction of the Pliocene Climate, Barcelona, Sept. 17-19th, 2014.
- Organizer, PLIOMAX workshop, LDEO, September 2013.
- Organizing Committee, Reconstructing and understanding CO2 variability in the past, Kavli Royal Society International Centre, England, October 2011
- Steering Committee, IODP Workshop on scientific drilling in the Indian Ocean, Goa, October 2011
- Scientific Steering Committee, IODP Topical Symposium Program, Bremen, August 2007
- Session Chair, Conference of Multiple Platform Exploration (COMPLEX), Vancouver May 1999
- Organizer, Discussion panel, Cenozoic Climate Change, 6th Intl. Conf. on Paleoceanography, Lisbon, August 1998
- Organizer, Leg 162 Post-cruise Scientific Meeting, Long Island, Bahamas, March 1997
- Organizer, Conference on Timing and Oceanographic Consequences of the Closing of the Panama Isthmus, LDEO, October 1997
- Organizer, New Perspectives on the 100 Kyr Climate Cycle, Special Session, Fall AGU, 1996
- Organizer, Global Change Symposium, Goldschmidt Conference, Reston VA, May 1992
- Organizer, Conference on Uplift, Erosion and Climate, LDEO, November 1992
- Organizer, Tectonic History and Climatic Impact of Himalayan/Tibetan Uplift, Special Session, Fall AGU, 1991

SELECTED CONFERENCE LECTURES

- Invited speaker (two talks), Fall AGU, Dec. 2015.
- Keynote Speaker, GeoBerlin 2015, Berlin, Oct. 5, 2015.
- Invited Lecture, Pardee Symposium in honor of William Smith, GSA, Nov. 1, 2015.
- Invited Keynote Lecture, Northeast GSA, Bretton Woods, March 23rd, 2015
- President's Day Lecture, Geological Society of London, June 4th, 2014
- Milankovic Medal Lecture, EGU Annual Meeting, Vienna, May 1, 2014
- Keynote Speaker, Revolutions in Quaternary Science, QSR@50 Conference, Jan. 8th, 2014.
- Invited Speaker, PALSEA2 meeting, Rome, October 22, 2013.
- Keynote Speaker, Goldschmidt Conference, Florence, Aug. 26th, 2013.
- Invited Speaker (two talks), Davos Atmosphere and Cryosphere Assembly DACA-13, July 8-12th, 2013.
- Invited Speaker, Planet Under Pressure Conference, London, UK, March 26-29th, 2012.
- Invited Speaker, SLALOM International Conference on Sea Level Observations, Athens, Greece, March 19-22nd, 2012.
- Invited Speaker, Warm Climates of the Past, A Lesson for the Future? October 10, 2011, The Royal Society, London.
- Plenary Lecture, INQUA, Bern Switzerland, July 22, 2011
- Invited Speaker, First Antarctic Climate Evolution Conference, Sept. 7th, Granada, Spain, 2009
- Keynote Speaker, EPICA Open Science Conference, Nov. 10-13th, Venice, Italy, 2008
- Keynote Speaker, Goldschmidt Conference, Cologne, Germany, Aug. 24, 2007
- Keynote Speaker, GEODAZE 2005, Univ. of Arizona, April 2005
- Invited speaker, "Future Challenges for Marine Sciences in Canada – 40th Anniversary Symposium", Bedford Institute of Oceanography, 2002.
- Invited speaker, "The Bicentennial Conference: Charles Lyell and James Hutton", Roy. Soc. of Edinburgh, Edinburgh, 1997
- Invited speaker, 5th International Conference on Paleoceanography, Halifax, Canada, 1995
- Invited speaker, National Academy of Sciences 131st Annual Meeting, Washington, D.C., 1994
- Invited speaker, "Fifth Annual Symposium on Frontiers of Science", National Academy of Sciences, Irvine, CA, 1993
- Invited speaker, "Frontiers of Physical Sciences" Symposium, AAAS Ann. Meet., Boston, 1993
- Keynote Address, Chapman Conference on Tectonics and Topography, Snowbird, UT, 1992
- Invited speaker, 3rd International Conference on Paleoceanography, Cambridge, England, 1989

WORKSHOP PARTICIPATION (From 2010)

- Invited speaker, Columbia University Earth Institute Workshop on Climate Change Policy Research After Paris, Sept. 25th, 2015
- Keynote Lecturer, CIDER workshop, Dec. 14th, 2014
- Multiproxy Approach to the Reconstruction of the Pliocene Climate, Barcelona, Sept. 17-19th, 2014
- Curators Meeting, WHOI, June 11-13, 2013
- Invited, Evolution of Carbon Cycle Dynamics Workshop, Santa Cruz, Dec. 1-2, 2012.
- Invited, Past Interglacials Workshop, Cambridge England, July 2012.
- Invited, Workshop on Building U.S. Strategies for 2013-2023, Scientific Ocean Drilling, in Denver, Colorado, U.S. Scientific Support Program of the Consortium for Ocean Leadership, Apr. 2012.
- Invited, PALSEA international workshop, Harvard U., August 25, 2011

• Invited, PALSEA international workshop, Bristol, England, Sept. 20-24, 2010
• Invited, CO_2 at the Zoo, Bristol, England, July 7-8, 2010

FIELD EXPEDITIONS
• Bermuda, PLIOMAX, March 2015
• Patagonia, PLIOMAX, Feb. 2014
• Pianosa, Italy, PLIOMAX, Oct. 2013
• South Africa PLIOMAX, June 2012
• Southern India, Dec. 2011
• Western Australia PLIOMAX, May 2010
• Western Australia PLIOMAX, July 2009
• Co-chief Scientist, Leg 162, R/V *Resolution*, Ocean Drilling Program, July-August, 1995
• Tibet, September, 1994
• Shipboard Paleontologist, Leg 108, R/V *Resolution*, Ocean Drilling Program, April-May, 1986

EXTERNAL ADVISORY POSITIONS
• NOVA Advisory Board, The proposed project is tentatively titled *Antarctica's Icy Secrets*. NET Television
• Science Advisor, National Geographic Television & Film
• Consultant, *The Teacher-Friendly Guide to the Geology of the Northeastern U.S.* by J. Ansley and the Paleontological Research Institution, 2001

COLLOQUIA & SEMINARS
• Stony Brook University, November 12, 2015
• Webinar, Chevron Fellows Program, June, 2015
• Lamont Summer Intern Lecture, June 2015
• Pace University, Nov. 5th, 2014
• Syracuse University, November 6th, 2014
• Webinar, Chevron Fellows Program, August, 2014
• Lamont Summer Intern Lecture, July 2014
• Dept of Physics, University of Indiana, Bloomington, Apr. 2014
• School of Public and Environmental Affairs, University of Indiana, Bloomington, Apr. 2014
• MARUM, Bremen, Germany, November 2013
• Williams College, September, 2013
• Webinar, Chevron Fellows Program, October, 2013
• Lamont Summer Intern Lecture, July 2013
• Princeton University, October, 2012
• U. Mass, Amherst, March, 2012
• Physical Research Lab, Ahmedabad, India, January 2012
• National Institute of Oceanography, Goa, India, December 2011
• National Center for Antarctic and Ocean Research, Goa, India, December 2011
• Lamont-Doherty Earth Observatory, September, 2011
• WHOI, February, 2011
• Yale University, Global Change Seminar, February, 2011
• University of Toronto, Centre for Global Change Distinguished Speakers Series, February, 2011
• Colby College, September, 2010
• Melbourne University, Australia, July, 2009
• WHOI, Geodynamics Seminar, February, 2009
• U. of Miami, Rosenstiel School of Marine and Atmospheric Science, February, 2009
• Lamont Doherty Earth Observatory, December, 2008
• Institute de Physique du Globe, Paris, October, 2008
• Bentley College, October, 2004, 2006, 2007
• Rice University, October, 2007
• Bates College, March, 2007
• Boston University, Center for Space Physics, November, 2006
• University of Rhode Island, Graduate School of Oceanography, November, 2006
• Lamont Doherty Earth Observatory, November, 2006
• Brown University, March, 2006
• Harvard University, Climate Tea, October, 2005

• Rutgers University, March, 2003
• Lamont Doherty Earth Observatory, March, 2003
• Princeton University, March, 2003
• Los Alamos National Laboratory, Frontiers in Geoscience Colloquium, July, 2002
• Stanford University, May, 2002
• University of California, Santa Cruz, May, 2002
• Scripps Institution of Oceanography, January, 2002
• Five College Lecture Series, Hampshire College, March, 2001
• University of Massachusetts, Boston, Dept. of Biology, March 2, 2001
• University of Indiana, Dept. of Physics, Bloomington, November, 2000

• (From 1989-2000)
Monash University, Australia, 1989; Melbourne University, Australia, 1989; MIT, September, 1989; UC-Berkeley, 1990; UF-Gainesville, 1990; Michigan State, Lansing, 1990; UNC-Chapel Hill, 1990; Washington University, MO, 1990; Contra Costa College, Richmond CA, March 2, 1991; Cal State-Hayward, 1991; UC-Santa Cruz, 1991; Lawrence Livermore Labs, 1991; University of Colorado at Boulder, November 6th, 1991; INSTAAR-Boulder, November 7th, 1991; MIT, 1991; Harvard University, December 18th, 1991; UC-Santa Barbara, February 7th, 1992; California Institute of Technology, February 24th, 1992; UC-Berkeley, Soil Science Department, April 22nd, 1992; Scripps Institution of Oceanography, May 1st, 1992; Brown University, February 25th, 1993; Pennsylvania State University, April 6th, 1993; University of Massachusetts, Amherst, May 7th, 1993; NASA Goddard Space Flight Center, June 16th, 1993; University of Michigan-Ann Arbor, September 26th, 1993; Knight Fellows lecture, MIT, October 29th, 1993; Univ. of Rhode Island (GSO), April 22nd, 1994; WHOI, August 11th, 1994; Dickinson College, JOI/USSAC Distinguished Lecturer, October 28th, 1994; Vanderbilt University, JOI/USSAC Distinguished Lecturer, March 16th, 1995; Fairfield College, March 30th, 1995; Lamont-Doherty Earth Observatory, March 31st, 1995; Appalachian State College, JOI/USSAC Distinguished Lecturer, April 18th, 1995; Dartmouth College, May 12th, 1995; University of Iowa, October 20th, 1995; Yale University, October 7th, 1996; University of Washington, Seattle, December 4th, 1996; WHOI Geodynamics Seminar, March, 1997; Knight Fellows lecture, MIT, November 5th, 1997; Univ. of Rhode Island (GSO), April 17th, 1998; Boston College, April 23rd, 1998; University of Miami, April 24th, 1998; Duke University, April 30th, 1998; Rice University, September 24th, 1998; Boston University, October 19th, 1998; University of Kansas, Lawrence, October 22nd, 1998; University of Illinois, Urbana, October 23rd, 1998; University of South Florida, St. Petersburg, November 20th, 1998; Brown University, December 15th, 1998; Lamont-Doherty Earth Observatory, January 8th, 1999; Scripps Institution of Oceanography, March 17th, 1999; University of Washington, Seattle, April 14th, 1999; University of Washington, Seattle, April 15th, 1999; University of Michigan, Ann Arbor, April 16th, 1999

PUBLIC LECTURES
• Invited Speaker, Columbia Divest for Climate Justice and the Environmental Coalition, Sept. 30th, 2015
• Greenwich Field Club, May 6th, Greenwich, CT, 2015
• Greenwich Retired Men's Club, Greenwich, CT. March 4, 2015.
• Ashokan Center, Public Q+A about sea level and climate change, Jan. 30th, 2015
• Earth Institute Distinguished Lecture, Lotos Club, NYC, May 8, 2014
• Oceans Alive VIP Sponsor Party Special Guest Speaker, Florida Oceanographic Society, March 6, 2014
• Nature Conservancy, Eastern New York Chapter, May 1, 2013
• Bruce Museum, Public Lecture, Greenwich, CT, May 16, 2012
• Keynote Speaker, 23rd Annual Senior Leadership Conference, Girl Scouts of America, March 5th, 2010
• Invited Panelist, NSF Panel on Scientists, Journalists, and Climate Change, Jan. 8th, 2009
• Scripps Institution of Oceanography, Public Lecture, January 25th, 2002
• WISE Public Lecture Series, Inaugural lecturer, Syracuse University, March 8th, 1999
• Invited Speaker, "Fifty Years of Ocean Discovery-NSF", National Academy of Sciences, Washington, D.C., 1998
• Boston Bay Group, Cambridge, MA, October 20th, 1993

CLASSROOM TEACHING
• Lecturer, CIDER Summer Program, Solid Earth Dynamics and Climate, Berkeley, 2015
• Field Geology, G8010, Bahamas, summer 2015
• Cenozoic Paleoceanography, W4937, LDEO, Spring 2013; Spring 2015
• Neogene Puzzles, G9600 (LDEO, fall 2012, spring 2014; fall 2014)
• Lecturer, Urbino Summer School in Paleoclimatology, 2010, 2011, 2012, 2013, 2014
• Field Oceanography (taught at the Caribbean Marine Research Center in the Bahamas, MIT, 1998, 1999)
• Climate Physics and Chemistry (MIT, 1996, 1997, 1998, 1999)

• Special Topics In Paleoceanography (MIT, 1994, 1999)
• Marine Geology and Geophysics (MIT, 1994, 1995, 1996, 1997, 1998)
• Climate Change (Freshman seminar, MIT, 1993, 1994, 1995, 1996, 1997)
• Experimental Oceanography at Woods Hole (MIT, 1997)
• Climate Change: Past, Present, and Future (MIT, 1993, 1996)
• Pre-Pleistocene Paleoceanography (MIT, 1993, 1995)
• The Global Carbon Cycle (UC-Berkeley, 1991)
• Geologic Record of Climate Change (UC-Berkeley, 1991)
• Geologic Record of Climate Change (U. of Melbourne, 1990)
• Sedimentation and Stratigraphy (U. of Melbourne, 1990)

STUDENTS & POST-DOCS

Post-Doc Supervision

• Lorraine Lisiecki, Ph.D., Brown U., 2005, currently Associate Professor UC Santa Barbara
• Michael O'Leary, Ph.D., James Cook University, 2007, currently Lecturer Curtin University, Perth
• Jeremy Shakun, Ph.D., Oregon State, 2010, currently Asst. Prof. Boston College
• Alessio Rovere, Ph.D., Univ. of Genoa, 2010, currently Scientific Group Leader at MARUM, Bremen, Germany
• Mieke Thierens, Ph.D., National University of Ireland, 2011
• Heather Ford, Ph.D., UC-Santa Cruz, 2013

Graduate Advisor/Co-Advisor

• Kristina Faul, Undergraduate Thesis, MIT, 1993, currently Associate Professor, Mills College
• Kristina Dahl, Undergraduate Thesis, BU, 1999, currently Research Program Coordinator, Ctr for Environmental Prediction at Rutgers University
• Darrel Coles, S.M., MIT, 1999, currently Research Geophysicist at Schlumberger
• Brigitte Brunelle, Undergraduate Thesis, BU, 2002, currently Carbon Analyst for The Garretson Group
• Susan Carter, MIT-WHOI, currently Lab Manager at Harvard
• Kerim Nisancioglu, Ph.D., MIT, 2004, currently Research Scientist at Bjerknes Ctr. for Climate Research, Bergen
• Benjamin Costanza, M.A., B.U., 2007
• Jonathon Gale, LDEO
• Michael Sandstrom, LDEO
• Jingzhi Amanda Liang, LDEO

• *Thesis Committees*

Kevin Walsh, Ph.D., Univ. of Melbourne, 1994
Chris Forest, Ph.D., MIT, 1996
Meg Coleman, Ph.D., MIT, 1996
Susan Alderman, S.M., MIT-WHOI, 1996
MaryAnn Schlegel, S.M., MIT-WHOI, 1998
Michael Horowitz, S.M., MIT-WHOI, 1999
Gerard Roe, Ph.D., MIT, 1999
Kirsten Laarkamp, Ph.D., MIT-WHOI, 2000
Robert Ackert, Ph.D., MIT-WHOI, 2000
Amy Draut, Ph.D., MIT-WHOI, 2003
Lorraine Lisiecki, Ph.D., Brown U., 2005
Julia Becker, Ph.D., Utrecht U., 2005
Kira Lawrence, Ph.D., Brown U., 2006
Sindia Sosdian, Ph.D., Rutgers U., 2007
Matthew DeCesare, M.A., Queens College, CUNY, 2014
Thomas Lorscheid, MARUM - Center for Marine Environmental Sciences, University of Bremen

• *Undergraduate Research Project Advisor*

Chelle Gentemann, MIT, Fall 1992
Alexandra Weeks, Wellesley College, Spring 1993-Spring 94
Rosanna Yuen, MIT, Summer 1994
Meiling Pan, MIT, Fall 93 - Spring 95
Janelle Brown, MIT, Fall 94-IAP 95

Jessica Walko, MIT, Fall 94 - Spring 96
Helen Hsu**,** MIT, Spring 95- Spring 96
Amanda Breed, Wellesley High School, Spring 1996
Patricia Bradshaw, Willamette University, Summer 1996
Claudette Reyez, U. Puerto Rico, Summer 1996
Veronica Vieira**,** MIT, Spring 96-Summer 98
Mike Barboza, MIT, Fall 97
Nina Kutsuzawa, MIT, Spring 97-IAP 98
Susan Lang**,** MIT, IAP 98-Spring 98
Atreyee Gupta, MIT, Summer 98-Spring 99
Helena Fu, MIT, Fall 98
Jennifer Stout, MIT, Fall 98-Spring 99
Jennifer Szlosek, MIT, IAP 99-Spring 99
April Deet, MIT, Summer 99-Spring 00
Alexandra Molnar, MIT, Summer 99-Spring 00
Brigitte Brunelle, BU, 2001-2002
Greer Dolby, BU, Fall 2006-2008
Drew Fetterman, BU, summer 2006-Winter 2007
Kelley Rabjohns, BU, fall 2007-2008
Claire Archer, BU, summer 2008
Nicole Khan, BU, fall 2008
Paula Smith, BU, spring 2009
Richard Housley, BU Academy High School, spring 2010
Sebastian Vivancos, LDEO, fall 2012

• *Visiting Students & Interns*
Shilei Li, Beijing, 2015
Ramiro Mata, Barcelona, 2013
Nathan Caplan, 2013

BOOKS & EDITED VOLUMES

• Raymo, C. and M. E. Raymo, 1989, *Written In Stone - a Geological History of the Northeastern United States*. The Globe Pequot Press, Chester, CT, 163 pp (a geology book for non-specialists*",* coauthored with my father Chet Raymo and currently released in a revised 3rd edition by Black Dome Press, has been continuously in print since 1989. WIS is used in high school and college curriculums across the Northeast and was recently on the Bates College summer reading list.) "Compresses billions of years into a slim, lively narrative" *Yankee Magazine*; "Hard to put down….truly an adventure" *Bookpage (New England Edition)*
• Jansen, E., M.E. Raymo, and P. Blum, editors, 1996, *Proceedings of the Ocean Drilling Program, Initial Reports, Vol. 162*: College Station, TX (Ocean Drilling Program), 1182 pp.
• Raymo, M. E., E. Jansen, P. Blum, and T. Herbert, editors, 1999, *Proceedings of the Ocean Drilling Program, Scientific Results, Vol. 162*: College Station, TX (Ocean Drilling Program).

REFEREED SCIENTIFIC ARTICLES (student/post-doc coauthors in bold)
H-index = 40 on Web of Science and 49 on Google Scholar with total citations >15,000.

78 Austermann, J., D. Pollard, J. X. Mitrovica, R. Moucha, A. M. Forte, R. M. DeConto, D. B. Rowley, and M.E. Raymo, 2015, The impact of dynamic topography change on Antarctic Ice Sheet stability during the Mid-Pliocene Warm Period, *Geology*, v. 43; no. 10; p. 927–930, doi:10.1130/G36988.1.

77 Bell, D. B., S. Jung, D. Kroon, D. Hodell, L. Lourens, and M.E. Raymo, 2015, Atlantic deep-water response to the early Pliocene shoaling of the Central American Seaway, *Scientific Reports*, DOI: 10.1038/srep12252.

76 Dutton, A., A. E. Carlson, A. J. Long, G. A. Milne, P.U. Clark, R. DeConto, B. Horton, S. Rahmstorf, and M.E. Raymo, 2015, Magnitude, rates and sources of sea-level rise associated with polar ice-sheet retreat during past warm periods, *Science,* v. 349, DOI: 10.1126/science.aaa4019

75 Kemp, A.C., A. Dutton, and M. E. Raymo, 2015, Paleo constraints on future sea-level rise, *Current Climate Change Reports*, v. 1, pp 205-215, DOI 10.1007/s40641-015-0014-6.

74 Shakun, J., D. W. Lea, L. E. Lisiecki, M. E. Raymo, 2015, An 800-kyr Record of Global Surface Ocean $\delta^{18}O$ and Implications for Ice Volume-Temperature Coupling, *EPSL*, v. 426, p. 58-68.

73 Rovere A., P.J. Hearty, **J. Austermann**, J.X. Mitrovica, J. Gale, R. Moucha, A. Forte, M.E. Raymo, 2015, Mid-Pliocene shorelines of the US Atlantic coastal plain – an improved elevation database with comparison to Earth model predictions, *Earth Science Revs*., 145, 117-131. http://dx.doi.org/10.1016/j.earscirev.2015.02.007

72 Patterson, M.O., R. McKay, T. Naish, C. Escutia, F. Jiminez-Espejo, Raymo, M.E., S. Meyers, L. Tauxe, H. Brinkhuis, and IODP Expedition 318 Scientists, 2014, Response of the East Antarctic Ice Sheet to orbital forcing during the Pliocene and Early Pleistocene, *Nature Geoscience*, 7, 841-847, doi:10.1038/ngeo2273.

71 Rovere, A., M.E. Raymo, J.X. Mitrovica, P.J. Hearty, M.J. O'Leary, and J.D. Inglis, 2014, The Mid-Pliocene sea-level conundrum: glacial isostasy, eustasy and dynamic topography, *EPSL*, v. 387, p. 27-33.

70 O'Leary, M., P. Hearty, W. Thompson, M. E. Raymo, J. Mitrovica, and J. Webster, 2013, Ice sheet collapse following a period of stable eustatic sea level during MIS5e, *Nature Geoscience*, v. 6, 796-800, doi:10.1038/ngeo1890.

69 Bailey, I., G. Hole, G. Foster, P. Wilson, C. Storey, C. Trueman, and M. E. Raymo, 2013, An alternative suggestion for the Pliocene onset of major northern hemisphere glaciation based on the geochemical provenance of North Atlantic Ocean ice-rafted debris. *Quat. Sci. Rev,* v. 75, p. 181-194.

68 Lawrence, K. T., I. Bailey, and M. E. Raymo, 2013, Re-evaluation of the age model for North Atlantic Ocean Site 982 – arguments for a return to the original chronology, *Climates of the Past*, v. 9, p. 2217-2233.

67 Abe-Ouchi, A., F. Saito, K. Kawamura, M. E. Raymo, J. Okuno, K. Takahashi, and H. Blatter, 2013, 100-kyr glacial cycles from ice sheet-climate system with hysteresis driven by insolation, *Nature*, v. 500, p. 190-193.

66 Rovere, A., M. E. Raymo, M. J. O'Leary, and P. J. Hearty, 2012, Crowdsourcing in the Quaternary sea level community: insights from the Pliocene, *Quat. Sci. Reviews*, v. 56, p. 164-166.

65 Raymo, M. E. and J. X. Mitrovica, 2012, Collapse of polar ice sheets during the stage 11 interglacial, *Nature*, v. 483, p. 453-456, doi:10.1038/nature10891.

64 Raymo, M. E., J. X. Mitrovica, M. J. O'Leary, R. M. DeConto, and P. J. Hearty, 2011, Departures from eustasy in Pliocene sea-level records, *Nature Geoscience*, v. 4, p. 328-332, doi:10.1038/NGEO1118. (see accompanying News and Views).

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