

September 10, 2021

**JEAN LYNCH-STIEGLITZ**  
**PROFESSOR, ASSOCIATE CHAIR**  
**SCHOOL OF EARTH AND ATMOSPHERIC SCIENCES**

**EDUCATION**

Ph.D.	Geological Sciences	1995	Columbia University
M.A.	Geological Sciences	1991	Columbia University
B.S.	Geology/Physics	1986	Duke University

**EMPLOYMENT HISTORY**

2015-present	Associate Chair, School of Earth and Atmospheric Sciences, Georgia Institute of Technology
2004-present	Professor (2010-present); Associate Professor (2004-2010), School of Earth and Atmospheric Sciences, Georgia Institute of Technology
2004-2015	Adjunct Research Scientist, Lamont-Doherty Earth Observatory, Columbia University
1996-2003	Associate Professor (2001-2003); Assistant Professor (1996-2001), Department of Earth and Environmental Sciences and Lamont-Doherty Earth Observatory, Columbia University
1994-1996	Post-doctoral Scholar, Woods Hole Oceanographic Institution
1989-1994	Graduate Student, Lamont-Doherty Earth Observatory, Columbia University
1988-1989	Scientific Programmer, Chesapeake Bay Institute, John Hopkins University
1988-1989	Instructor, School Programs, Maryland Science Center
1986-1988	Oceanographer, Pacific Marine Environmental Laboratory, NOAA

**HONORS AND AWARDS**

2019	Fellow, American Geophysical Union
2018	Cesare Emiliani Lecturer, American Geophysical Union
2015	Fellow, American Association for the Advancement of Science
2003	Comer Family Foundation Fellowship
2000	CAREER Award, National Science Foundation
1998	Kavli Frontiers of Science Fellow, National Academy of Sciences
1995	Sigma Xi
1995	Heezen Prize, Dept. of Geological Sciences, Columbia University
1986	President's Senior Leadership Award, Duke University
1986	Phi Beta Kappa

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## PUBLICATIONS

Publications with a student or postdoctoral associate as first author are underlined  
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## REFEREED JOURNAL ARTICLES

- O'Conner, G.K., K.M. Cobb, H.R. Sayani, A.T. Atwood, P.R. Grothe, S. Stevenson, J.K. Baum, T. Chen, D.C. Claar, N.T. Hitt, J. Lynch-Stieglitz, G.A. Schmidt, R. Walter, Coral oxygen isotope and in situ records capture the 2015/2016 El Niño event in the central equatorial Pacific, *Geophysical Research Letters*, in press.
- Gu, S., Z. Liu, D.W. Oppo, J. Lynch-Stieglitz, A. Jahn, J. Zhang, K. Lindsay, L. Wu, Remineralization dominating the  $\delta^{13}\text{C}$  decrease in the mid-depth Atlantic during the last deglaciation, *Earth and Planetary Science Letters*, 571, <https://doi.org/10.1016/j.epsl.2021.117106>, 2021.
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- Gu, S., Z. Liu, D.W. Oppo, J. Lynch-Stieglitz, A. Jahn, J. Zhang, L. Wu, Multiple proxies needed to reconstruct the Atlantic water masses and AMOC during the Last Glacial Maximum, *Earth and Planetary Science Letters*, 541, 116294, <https://doi.org/10.1016/j.epsl.2020.116294>, 2020.
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- Valley, S.G., J. Lynch-Stieglitz and T.M. Marchitto, Intermediate water circulation changes in the Florida Straits from a 35 ka record of Mg/Li-derived temperature and Cd/Ca-derived seawater cadmium, *Earth and Planetary Science Letters*, 523, 116592, <https://doi.org/10.1016/j.epsl.2019.06.032>, 2019.
- Gu, S., Z. Liu, J. Lynch-Stieglitz, A. Jahn, J. Zhang, K. Lindsay, L. Wu, Assessing the ability of zonal  $\delta^{18}\text{O}$  contrast in benthic foraminifera to reconstruct deglacial evolution of Atlantic Meridional Overturning Circulation, *Paleoceanography and Paleoclimatology*, 34, 800-812, <https://doi.org/10.1029/2019PA003564>, 2019.
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- Koutavas, A. and J. Lynch-Stieglitz, Glacial-Interglacial dynamics of the Eastern Equatorial Pacific cold tongue-ITCZ system reconstructed from oxygen isotope records, *Paleoceanography*, *18*, Art. No. 1089, 2003.
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- Koutavas, A., J. Lynch-Stieglitz, T. Marchitto and J. Sachs, El Nino-like Pattern in Ice Age Tropical Pacific Sea Surface Temperature, *Science*, *297*, 226-230, 2002.
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- Matsumoto, K., J. Lynch-Stieglitz and R.F. Anderson, Similar Glacial and Holocene Southern Ocean Hydrography, *Paleoceanography*, *16*, 445-454, 2001
- Broecker, W.S., E. Clark, J. Lynch-Stieglitz, W. Beck, L.D. Stott, I. Hajdas and G. Bonani, Late-glacial diatom accumulation at 9°S in the Indian Ocean, *Paleoceanography*, *15*, 348-352, 2000.
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- Lynch-Stieglitz, J., W.B. Curry and N. Slowey, A geostrophic transport estimate for the Florida Current from the oxygen isotope composition of benthic foraminifera, *Paleoceanography*, 14, 360-373, 1999.
- Matsumoto, K. and J. Lynch-Stieglitz, Similar Glacial and Holocene deep water circulation inferred from Southeast Pacific benthic foraminiferal carbon isotope composition, *Paleoceanography*, 14, 149-163, 1999.
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#### OTHER PUBLICATIONS

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- Lynch, J., L. Mangum and S. Hayes, CTD/O2 Measurements During 1986 as Part of the Equatorial Pacific Ocean Climate Studies (EPOCS), NOAA Data Report ERL-PMEL-24, 1988.
- Mangum, L., J. Lynch, L. Stratton and K. McTaggart, CTD/O2 Measurements During 1987 and 1988 as Part of the Equatorial Pacific Ocean Climate Studies (EPOCS), NOAA Data Report ERL-PMEL-46, 1993.
- Mangum, L., J. Lynch, K. McTaggart, L. Stratton and S. Hayes, CTD/O2 Measurements Collected on TEW (Transport of Equatorial Waters) June-August 1987, NOAA Data Report ERL PMEL-33, 1991.
- Mangum, L., J. Lynch and S. Hayes, CTD/O2 Measurements During 1984 and 1985 as Part of the Equatorial Pacific Ocean Climate Studies (EPOCS), NOAA Data Report ERL-PMEL-18, 1987.

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## PRESENTATIONS

### AT ACADEMIC AND RESEARCH INSTITUTIONS

2020 Oregon State University  
2020 Georgia Institute of Technology Ocean Science and Engineering  
2019 Woods Hole Oceanographic Institution  
2019 Bryn Mawr College  
2018 University of Connecticut  
2017 Massachusetts Institute of Technology  
2017 University of California, Santa Barbara  
2016 University of Colorado  
2016 Lamont-Doherty Earth Observatory, Columbia University  
2015 University of Georgia  
2015 California Institute of Technology  
2014 Lamont-Doherty Earth Observatory, Columbia University  
2010 Bjerknes Center for Climate Research, University of Bergen  
2009 University of Minnesota  
2008 University of South Florida  
2007 Georgia State University  
2006 National Science Foundation  
2006 University of Florida  
2005 Georgia Tech Water Resources Group  
2005 Tulane University  
2005 Berkeley Atmospheric Sciences Center  
2004 Georgia State University  
2004 Oregon State University  
2003 Sea Education Association, Woods Hole  
2003 Georgia Institute of Technology  
2003 University of Michigan  
2001 NOAA Geophysical Fluid Dynamics Laboratory  
2001 Woods Hole Oceanographic Institution  
2000 Yale University  
2000 Massachusetts Institute of Technology  
1999 Biosphere2 Center  
1999 Brown University  
1998 University of South Florida  
1998 Woods Hole Oceanographic Institution  
1997 Lamont-Doherty Earth Observatory  
1996 Texas A&M University  
1996 Princeton University  
1995 Massachusetts Institute of Technology  
1995 Lamont-Doherty Earth Observatory  
1994 University of Chicago  
1994 Pennsylvania State University  
1994 University of Rhode Island



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#### **INVITED/KEYNOTE CONFERENCE PRESENTATIONS**

2019 Wally Broecker Symposium, Palisades, NY  
2019 Comer Climate Conference, Soldiers Grove, WI  
2019 American Geophysical Union Fall Meeting, San Francisco, CA  
2018 Emiliani Lecture, American Geophysical Union Fall Meeting, Washington, DC  
2018 American Geophysical Union Fall Meeting, Washington, DC  
2018 Comer Changelings Meeting, Soldiers Grove, WI  
2016 OC3 Workshop, Utrecht, Netherlands  
2014 American Geophysical Union Fall Meeting  
2014 NOAA Global Change Summer Institute, Steamboat Springs, CO  
2013 SynTRACE-21 Workshop, Providence, RI  
2012 Kaplan Symposium, Hebrew University, Jerusalem  
2011 UK RAPID/US AMOC International Science Meeting  
2009 SynTRACE Workshop  
2009 Chapman Conference on Abrupt Climate Change  
2008 SCOR 50<sup>th</sup> Anniversary Symposium  
2008 University of Washington Program on Climate Change Summer Institute  
2008 Leverhulme Climate Symposium, Cambridge, UK  
2007 NERC Rapid Climate Change Program, Annual meeting, Keynote  
2007 ESF-FWF Conference on Ocean Controls in Abrupt Climate Change  
2007 U.S. Climate Change Science Program, Abrupt Climate Change Workshop  
2006 Annual UCAR CCSM Workshop  
2006 American Geophysical Union Fall Meeting  
2005 U.S. CLIVAR Atlantic Conference  
2005 SCOR/IMAGES Workshop on Paleocean Circulation  
2005 Woods Hole Oceanographic Institution, 75<sup>th</sup> Anniversary Symposium  
2004 Bjerknes Centenary Open Science Conference, University of Bergen  
2004 International Conference on Paleoceanography, Biarritz, France  
1999 Gordon Conference on Chemical Oceanography  
1999 National Academy of Sciences Annual Meeting  
1998 International Conference on Paleoceanography, Lisbon, Portugal  
1998 Frontiers of Science Symposium, National Academy of Sciences, Irvine  
1996 Warm Climate in the Tropics Conference, ITCP, Trieste, Italy

#### **GRANTS AND CONTRACTS**

##### **AS PRINCIPAL INVESTIGATOR**

National Science Foundation, Last Glacial Maximum Tropical Pacific Thermocline Structure and Wind Field: A Data Synthesis, \$449,701, 7/9/20-7/8/23, PI: Lynch-Stieglitz co-PI: Di Lorenzo OCE-2002297  
National Science Foundation, Evolution of South Pacific Oxygen and Preformed Nutrient Changes over the Deglaciation, \$456,221, 4/1/19-3/31/23, PI: Lynch-Stieglitz OCE-1851900  
National Science Foundation, Glacial-Interglacial Changes in Tropical Pacific Sea Surface Temperature, \$341,919, 9/1/15-8/31/19, PI: Lynch-Stieglitz OCE-1502927

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- National Science Foundation, Temperature-Dependent Ocean-Atmosphere Equilibration of Carbon Isotopes in Atlantic Thermocline and Surface Waters, \$330,179, 3/15/15-6/28/19, PI: Lynch-Stieglitz OCE-1459563
- National Science Foundation, Towards Establishing Density Structure of the Antarctic Circumpolar Current during the Last Glacial Maximum, \$110,412, 8/15/2013-7/31/2015, PI: Lynch-Stieglitz co-PI: Ito PLR-1345378
- National Science Foundation, Collaborative Research: Coring the Line Islands Ridge for Paleooceanographic Research, \$73,444 (GT share), 2/15/12-12/31/12, PI: Lynch-Stieglitz (GT is lead) OCE-1159053
- National Science Foundation, Reconstruction of the Pacific Marine ITCZ over the Last Glacial Cycle, \$384,696, 7/1/10-6/31/13, PI: Lynch-Stieglitz OCE-1003374
- National Science Foundation, Deglacial Transport through the Florida Straits: Constraints on Atlantic Ocean Circulation during the Younger Dryas, Heinrich Event 1 and the Last Glacial Maximum, \$391,955, 4/1/07-3/31/10, PI: Lynch-Stieglitz OCE-0648258
- Comer Science and Educational Foundation, The role of the Atlantic overturning circulation in abrupt climate change, \$220,000, 5/1/06-4/31/08, PI: Lynch-Stieglitz
- National Science Foundation, CAREER: Upper Ocean Density Structure and Flow in the Glacial Ocean: A Plan for Research and Education, \$499,206, 3/1/00-2/29/06, PI: Lynch-Stieglitz (transferred to Georgia Tech) OCE-9984989/OCE-0428803
- Comer Science and Educational Foundation Post-doctoral fellowship support for research in abrupt climate change, \$300,000, 1/1/03-12/31/05, PI: Lynch-Stieglitz.
- National Oceanic and Atmospheric Administration, CORC ARCHES: Patterns and timing of deglacial climate change in the Equatorial Pacific, \$365,669, 1/1/01-12/31/05, PI: Lynch-Stieglitz.
- National Science Foundation, Collaborative Research: Changes in the strength of the Florida Current since the LGM. \$238,882, 3/1/01-2/28/04, PI: Lynch-Stieglitz. OCE-0096472
- National Oceanic and Atmospheric Administration, Isotope records of rapid climate change in the Subantarctic, \$210,000, 1/1/98-12/31/01, PI: Lynch-Stieglitz
- National Science Foundation, RPGW: The Feasibility of Reconstructing Upper Ocean Flows from Density Gradients during the Last Glacial Maximum, \$18,000, 7/1/97 – 1/1/99, PI: Lynch-Stieglitz

#### **AS CO-PRINCIPAL INVESTIGATOR**

- National Science Foundation, Reconstruction of the End Member Contributions to and Ventilation Rate of Glacial-Age Lower Atlantic Deep Water, \$228,563, 9/1/02-8/31/04, PI: Broecker, co-PI: Marchitto, Lynch-Stieglitz, Hemming.
- National Science Foundation, Evolution of the North Atlantic's Climate over the last 3000 years and comparison with late MIS 5e, \$245,002, 9/1/01 - 8/31/03, PI: Bond, co-PI: Lynch-Stieglitz, Marchitto.
- Packard Foundation, Carbon Dioxide, Cottonwoods and Corals: Investigating CO<sub>2</sub> impacts on ecosystem processes using experimental approaches. \$576,000, 9/1/99-8/31/04, PI: Broecker, co-PI: Lynch-Stieglitz and others
- Columbia Climate Center, Reconstructing Millennial Scale Variability in Eastern Equatorial Pacific Hydrography Using a Multispecies Isotopic Approach, \$5700, 1998, PI: Koutavas, co-PI: Lynch-Stieglitz
- Columbia Climate Center, Pacific Deepwater, \$6,000, 1996, PI: Matsumoto, co-PI: Lynch-Stieglitz

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## OTHER PROFESSIONAL ACTIVITIES

2018-2019 Georgia Tech Emerging Leaders Program

## TEACHING

### COURSES TAUGHT

Courses taught at Georgia Tech in the last six years

Semester	Course Number	Course Title	Number of Students
Fall, 2021	EAS 6500	Climate and Global Change (grad)	20
Spring, 2021	EAS 4350/6136	Paleoclimatology/Paleoceanography	14
Fall, 2020	EAS 6500	Climate and Global Change (grad)	16
Fall, 2019	EAS 6500	Climate and Global Change (grad)	10
Spring, 2019	EAS 4300	Oceanography	26
Fall, 2018	EAS 4410/8803	Climate and Global Change	38
Fall, 2017	EAS 4410/8803	Climate and Global Change	30
Fall, 2017	EAS 4300	Oceanography	27
Spring, 2017	EAS 4350/6136	Paleoclimatology/Paleoceanography	18
Fall, 2016	EAS 4410/8803	Climate and Global Change	37

### INDIVIDUAL STUDENT GUIDANCE

#### PH.D. STUDENTS

Katsumi Matsumoto, Ph.D. 2000, *The Last Glacial Maximum Global Overturning Circulation: A Perspective from Foraminiferal Oxygen and Carbon Isotope Composition*, Professor, University of Minnesota

Athanasios Koutavas, Ph.D. 2003, *Sea Surface Temperature Variability in the Eastern Equatorial Pacific during the Last Deglaciation: Multi-proxy Geochemical Reconstructions*, Professor, College of Staten Island, City University of New York

Peter J. Leech, Ph.D. 2013, *Paleo-Proxies for the Thermocline and Lysocline over the Last Glacial Cycle in the Western Tropical Pacific*, Environmental Analyst, Palm Beach County Office of Resilience

Shannon Valley, Ph.D. 2019, *Atlantic Meridional Overturning Circulation Variability Since the Last Glaciation: Insights from a Novel Multiproxy Approach*, Post-doctoral Scholar, Woods Hole Oceanographic Institution

Minda Monteagudo, Ph.D. in progress since 2016

Tyler Vollmer, Ph.D. in progress since 2016

Karim Lakhani, Ph.D. in progress since 2018

#### M.S. STUDENTS

Allegra LeGrande, M.S., 2003, Physical Research Scientist, NASA GISS

Tim Nowak, M.S., thesis, 2006

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Dana Ionita, M.S., thesis, 2008

#### **UNDERGRADUATE STUDENTS**

Anna Engle, Smith University (1997), Allegra LeGrande, Rice University (1998), Christopher Gorski, Case Western Reserve University (1999), Joanna Green (2004-2005), Marlon Mooney (2004), Sara Jean Barrett (2006), Caitlin Martin (2006), Gene Henry (2006-2008), Joel Craig (2007), Chang Jae Pyo (2011), Tyler Kelly (2011), Eric Blackmon (2013-2015), Taryn Heidel (2014), Alex Sitar (2016), Anna Benkeser (2017), Emma Joseph, Vanderbilt University (2017-2018), Rebecca Mello (2018), Athena Verghis (2021), Autumn Toms (2021), Candice Chen, Harvard University (2021)

#### **SERVICE ON THESIS OR DISSERTATION COMMITTEES**

*Academic Advisor:* Renee Takesue (Ph.D., 2002)

*Committee member:* Karen Kohfeld (Ph.D., 1998), Christa Farmer (Ph.D. 2005), Duane Thresher (Ph.D., 2004), Jud Partin (Ph.D., 2008), Laura Zaunbrecher (M.S., 2009), Intan Nurhati (Ph.D., 2010), Stacy Carolin (Ph.D., 2014), Jessica Moerman (Ph.D., 2015), Pamela Grothe (Ph.D., 2017), Hussein Sayani (Ph.D., 2017), Shelby Ellis (M.S., 2019), Annika Jersild (in progress)

*Thesis examiner:* Zanna Chase (Ph.D., 2001, Columbia University), Allegra LeGrande (Ph.D., 2006, Columbia University), Sangmyung David Kim (Ph.D., 2006, Georgia Tech), Andrew Davis (Ph.D., 2014, Georgia Tech), Samantha Bova (Ph.D., 2017, Brown University), Giovanni Liguori (Ph.D., 2018, Georgia Tech), Anne Morée (Ph.D., 2020, University of Bergen, Norway)

#### **MENTORSHIP OF POSTDOCTORAL FELLOWS OR VISITING SCHOLARS**

Postdoctoral fellows:

1997-1998, Matthias Hofmann (with W. Broecker), research scientist, Germany  
1999-2001, Mary Elliot (with P. deMenocal, G. Bond), Lecturer, U. of Edinburgh  
1999-2002, Thomas Marchitto, Associate Professor and Associate Chair, University of Colorado  
2003-2005, Camille Levi (with A. van Geen)  
2003-2006, Erica Hendy (with S. Hemming), Lecturer, U. of Bristol  
2004-2005, Stephen Barker (with W. Broecker), Professor, Cardiff University  
2005-2007, Matthew Schmidt, Associate Professor, Old Dominion University  
2007-2008, Caroline Cleroux  
2012-2014, Katherine Wejnert, faculty, Fernbank Science Center  
2020 Shannon Valley, Post-doctoral Scholar, Woods Hole Oceanographic Institution

Visiting scholars:

2011 Anna Kloss (Ph.D. student, MARUM, Germany)  
2019-2020 Kathleen Harazin (Ph.D. student, Australian National University)

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**SERVICE**

**PROFESSIONAL CONTRIBUTIONS**

**EDITORIAL:**

*Science Magazine*, Reviewing Editor (2020-present)  
*Proceedings of the National Academy of Sciences*, Guest Editor (2019-2020)  
*Earth and Planetary Science Letters*, Editor (2012-2015)  
*Geochemistry, Geophysics, Geosystems* Associate Editor (2010-2012)  
*Earth and Planetary Science Letters*, Editorial Advisory Board (2007-2011)  
*Paleoceanography*, Associate Editor (2006-2010)  
*PAGES Newsletter*, Guest Editor (2007)  
*Geochemistry, Geophysics, Geosystems* Guest Editor (2005-2006)

**STRATEGIC EVALUATION/ADVISORY:**

MIT-WHOI Joint Program in Oceanography External Review Team (2019)  
SCOR GEOTRACES Review Panel (2019)  
Evaluation Board, Norwegian Research School in Climate Dynamics (2009-2016)  
NSF Coring Needs Assessment Workshop, Convener (2015)  
NSF GEO/AGS/AS Committee of Visitors (2013)  
NSF Post-ESH (P2C2) Steering Committee (2007)  
U.S. CLIVAR Atlantic Implementation Panel (2003 – 2005)  
JOIDES Dynamics of the Earth's Environment Science Steering and Evaluation Panel (2001 – 2003)  
NSF MESH/ESH Steering Committee (2001 – 2006)

**PROPOSAL REVIEW PANELS:**

NSF Marine Geology and Geophysics (2006, 2007, 2010, 2021)  
European Research Commission (2015, 2017, 2019)  
NSF Polar Programs (2009, 2014)  
NOAA U.S. Atlantic Meridional Overturning Circulation (2009)

**SERVICE TO PROFESSIONAL SOCIETIES:**

AGU Paleoclimatology and Paleoclimatology Fellows Committee (2020-2021)  
AGU Emiliani Lecture Selection Committee (2019)  
AAAS Section on Atmospheric & Hydrospheric Sciences, Electorate Nominating Committee (2016-2019)  
AAAS Section on Geology and Geography, Member-at-Large (2009-2013)  
Councilor for Marine Geoprocesses, American Quaternary Association (2010-2014)  
AGU Climate Science Day Congressional Visit (2011)

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AGU *Paleoceanography* Editor Search Committee (2005)

**WORKING GROUPS AND WORKSHOPS:**

Crossing Earth System in Space and Time (CRESTS) Working Group (2019-present)

Synthesis of Transient Climate Evolution of the last 21-kyr (SynTraCE-21) Working Group (PAGES) (2009-2012)

SynTraCE21000 Workshop, Organizer (2010)

Reconstruction of the Glacial Deep Ocean Circulation Workshop (2008)

SynTraCE21000 Workshop, Organizer (2008)

U.S. CLIVAR AMOC Planning Team (2007)

U.S. Climate Change Science Program Abrupt Climate Change (SAP 3.4) contributing author (2007)

RAPID Workshop on LGM Ocean Circulation, Amsterdam (2005)

Linking Information Systems in Marine and Terrestrial Geosciences: Sediment Geochemistry Workshop (2004)

SCOR/IMAGES Working Group on Past Ocean Circulation (Chair) (2003 – 2007)

ESH Abrupt Climate Change Focus Workshop (2003)

ESH Holocene Focus Workshop (2001)

NRC Abrupt Climate Change Workshop (2000)

**MEETING AND CONFERENCE ORGANIZATION:**

Leverhulme Climate Symposium, Session Chair (2008)

AGU Fall Meeting, Session Chair (2007, 2009)

International Conference on Paleoceanography, Scientific Committee (2005-2007)

Organizing Committee for the 11<sup>th</sup> Annual Frontiers of Science symposium, sponsored by the U.S. National Academy of Sciences (1999)

**INSTITUTE CONTRIBUTIONS**

**SCHOOL OF EARTH AND ATMOSPHERIC SCIENCES:**

Financial Manager Search Committee, Chair (2021)

New Major Working Group (2020-2021)

Research Continuity Coordinator (2020-2021)

AGU Bridge Program Committee (2020-2021)

Undergraduate Studies Committee (2008-2009, 2012-2013, 2018-2021)

Strategic Planning Committee, Chair (2019-2020)

Ad hoc Committee on Fieldwork and Travel with Students, Chair (2019-2020)

Faculty Search Committees, Diversity Advocate, (2018-2019)

Faculty Search Committee, Chair (2005-2006, 2008-2009, 2010-2011, 2016-2017)

Faculty Search Committee (2004-2005, 2006-2007, 2012-2013)

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Reappointment, Promotion and Tenure Committee (2006-2008,2009-2012, 2013-2016, 2017-2018)

Undergraduate Environment Committee, co-chair (2014-2018)

Strategic Planning Committee (2014-2016)

Ad hoc Committee on Curriculum Coordination (2013-2014)

Seminar Committee (2013-2014)

Post-doc Committee (2011-2014)

Graduate Admissions Committee (2004-2005)

**COLLEGE AND INSTITUTE:**

Emerging Leaders Program Advisory Committee (2021-2022)

Bioscience School Chair 5-year Review Committee, Chair (2020-2021)

Senior Faculty Advisor, Lab Ventilation Controls Upgrade Project (2019-2020)

Ocean Science and Engineering Graduate Committee (2018-2020)

UK (Rhodes, Marshall, Churchill) Fellowship Committee (2013-2020)

EAS School Chair 5-year Review Committee (2019)

Ad-hoc Committee on Excellence through Diversity in Faculty Hiring (2017-2018)

GT Faculty Senate (2014-2017)

College of Sciences Reappointment, Promotion and Tenure Committee (2014-2017)

Graduate Studies Fellowship Selection Committee (2014-2015)

Sigma Xi Young Faculty Award Committee (2008)

College of Sciences New Faculty Mentoring (2004-2005)