

DR. JACQUELYN L. GILL
Climate Change Institute
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I. Education

2012	PhD, Geography (Minor: Ecology) University of Wisconsin	Madison, WI
2008	MS, Geography University of Wisconsin	Madison, WI
2005	BA, Human Ecology, Major Field: Ecology College of the Atlantic	Bar Harbor, ME

II. Professional Appointments

2019- present	<i>Associate Professor of Terrestrial Paleoecology</i> School of Biology & Ecology, Climate Change Institute University of Maine	Orono, ME
2019- present	<i>Graduate Coordinator</i> School of Biology & Ecology, Climate Change Institute University of Maine	Orono, ME
2013- 2019	<i>Assistant Professor of Terrestrial Paleoecology</i> School of Biology & Ecology, Climate Change Institute University of Maine	Orono, ME
2012-2013	<i>Voss Postdoctoral Fellow</i> Environmental Change Initiative Brown University	Providence, RI

III. Publications

[h-index 12] [i10-index 13] – See also my [Google Scholar Page](#)

Mentee Authors: ☿ Graduate student, § Undergraduate

[28] ☿Groff, D.V., §K. E. Greenwalt, **J. L. Gill**. 2022. Grass pollen and phytoliths of the Falkland Islands. *Review of Palaeobotany and Palynology* 299: 104063

- [27] Gibbard, P., A. M. Bauer, M. Edgeworth, W. F. Ruddiman, **J. L. Gill**, D. J. Merritts, S. C. Finney, L. E. Edwards, M. J. C. Walker, M. Maslin, and E. C. Ellis. 2021. A practical solution: the Anthropocene is a geological event, not a formal epoch. *Episodes*, Early Online: doi.org/10.18814/epiiugs/2021/021029
- [26] ☞ Hamley, K. M., **J. L. Gill**, K. E. Krasinski, ☞ D. V. Groff, B. L. Hall, D. H. Sandweiss, J. R. Southon, P. Brickle, T. V. Lowell. 2021. Evidence of prehistoric human activity in the Falkland Islands. *Science Advances* 7(44): eabh3803
- [25] Ellis, E. C., N. Gauthier, K. Klein Goldewijk, R. B. Bird, N. Boivin, S. Diaz, D. Q. Fuller, **J. L. Gill**, J. O. Kaplan, N. Kingston, H. Locke, C. N. H. McMichael, D. Ranco, T. C. Rick, M. R. Shaw, L. Stephens, J-C. Svenning, and J. E. M. Watson. 2021. People have shaped most of terrestrial nature for at least 12,000 years. *Proceedings of the National Academy of Sciences* 118 (17): e2023483118
- [24] ☞ Seliger, B., B. J. McGill, J-C Svenning, & **J. L. Gill**. 2021. Widespread underfilling of the ranges of North American trees. *Journal of Biogeography* 48 (2): 359-371.
- [23] Jensen, A. M., D. Fastovich, B. I. Watson, **J. L. Gill**, S. T. Jackson, J. M. Russell, J. Bevington, K. Hayes, K. B. Lininger, C. Rubbelke, G. C. Schellinger, J. W. Williams. 2021. More than one way to kill. A spruce forest: the role of fire and climate in the late-glacial termination of spruce woodlands across the southern Great Lakes. *Journal of Ecology* 109 (1): 459-477.
- [22] ☞ Groff, D. V., ☞ K. M. Hamley, \$T. R. Lessard, \$K. Hartwell, , M. Yasuhara, Paul Brickle, and **J. L. Gill**. Seabird establishment during regional cooling drove a terrestrial ecosystem shift 5000 years ago. 2020. *Science Advances* 6 (43): eabb28777
- Covered by [Vice](#), [NHM London](#), and [Cosmos Magazine](#)
- [21] ☞ Groff, D., D. G. Williams, and **J. L. Gill**. Modern calibration of *Poa flabellata* (tussac grass) as a new paleoclimate proxy in the South Atlantic. 2020. *Biogeosciences* 17(18): 4545-4557.
- [20] Burgio, K. R., C. McConough MacKenzie, S. B. Borrelle, S. K. M. Ernest, **J. L. Gill**, K. E. Ingeman, A. Teffer, E. P. White. Ten simple rules for a successful remote postdoc. 2020. *PLOS Computational Biology* 16(5): e10078709
- [19] Huang, Z., J. Zhang, M. Storozum, S. Liu, **J. L. Gill**, L. Xiang, X. Ren, J. Wang, M. Qiang, F. Chen, E. Grimm. 2020. Long-term herbivore population dynamics in the northeastern Qinghai-Tibet Plateau and its implications for early human impacts. *Review of Palaeobotany and Palynology* 275:104171.
- [18] Dussex, N., D. Stanton, H. Sigeman, P. Ericson, B. Hansson, V. Plotnikov, **J. L. Gill**, D. Fisher, V. Herridge, A. Protopopov. Biomolecular analyses reveal the age, sex, and species identity of a near-intact Pleistocene bird carcass. 2020. *Communications Biology* 3, Article number 84.
- [17] Y. Wang, **J. L. Gill**, J. Marsicek, A. Dierking, B. Shuman, J. W. Williams. 2016. Pronounced variations in *Fagus grandifolia* abundances in the Great Lakes region during the Holocene. *The Holocene* 26 (4): 578-591.

- [16] Bakker, E. S. **J. L. Gill**, C. N. Johnson, F. W. M. Vera, C. J. Sandom, G. P. Asner, J-C Svenning. 2016. Combining paleo-data and modern exclosure experiments to assess the impacts of megafauna extinctions on woody vegetation. *Proceedings of the National Academy of Sciences* 113 (4): 847-855.
- [15] Boslough, M., K. Nicoll, T.L. Daulton, A. C. Scott, P. Claeys, **J. L. Gill**, J. R. Marlon, PJ Bartlein. 2015. Letter to the Editor: Incomplete Bayesian model rejects contradictory radiocarbon data for being contradictory. *Proceedings of the National Academy of Sciences* 112(49): E6722.
- [14] **Gill, J. L.** 2015. Learning from Africa's herbivores. *Science* 350 (6264): 1036-1037.
- [13] **Gill, J. L.**, J. L. Blois, B. Benito, S. Z. Dobrowski, M. L. Hunter, Jr., J. L. McGuire. A 2.5 million year perspective on coarse-filter conservation strategies. *Conservation Biology* 29 (3): 640-648.
- [12] Lawler, J. J., D. A. Ackerly, C. M. Albano, M. G. Anderson, S. Dobrowski, **J. L. Gill**, N. Heller, R. L. Pressey, E. Sanderson, S. Weiss. 2014. The theory behind, and the challenges of, conserving nature's stage in a time of rapid change. *Conservation Biology* 29 (3): 618-629.
- [11] **Gill, J. L. 2014.** Ecological impacts of the late Quaternary extinctions of megaherbivores. *New Phytologist* 201 (4): 1163-1169.
- Finalist for the Tansley Medal
- [10] Seddon, A. W. R., A. Baker, A. W. Mackay, E. E. Ellis, L. Gillson, E. Johnson, S. Juggins, K. Willis, C. Buck, C. A. Froyd, V. Jones, M. Macias-Fauria, D. Nogues-Bravo, S. Punyasena, E. Breman, **J. L. Gill**, K. Mills, J. Morris, A. Tanentzap, T. Roland, and the Palaeo50 Working Group **2014.** Looking forward through the past: identification of 50 priority research questions in palaeoecology. *Journal of Ecology* 102 (1): 256-267.
- [9] Williams, J. W., J. L. Blois, **J. L. Gill**, L. M. Gonzales, E. C. Grimm, S. T. Jackson, A. Ordonez, B. Shuman, S. D. Veloz. **2013.** Modeling no-analog species associations under no-analog environments: insights from the last deglaciation. *Annals of the New York Academy of Sciences* 1297 (1): 29-43
- [8] **Gill, J. L.**, K. McLauchlan, S. J. Goring, A. Skibbe, J. W. Williams. **2013.** Linking abundances of the dung fungus *Sporormiella* to the density of bison: implications for assessing grazing by megaherbivores in palaeorecords. *Journal of Ecology* 101 (5): 1125-1136
- Interviewed for the *Journal of Ecology* podcast
- [7] Gill, J. L., J. L. Blois, S. Goring, J. R. Marlon, P. J. Bartlein, K. Nicoll, A. C. Scott, C. Whitlock. (2012). Letter to the Editor: Paleocological changes at Lake Cuitzeo were not consistent

- with an extraterrestrial impact. *Proceedings of the National Academy of Sciences* 109(34): E2243.
- [6] Blaauw, M., V. T. Holliday, **J. L. Gill**, K. Nicoll. **2012**. Age models and the Younger Dryas Impact Hypothesis. (2012). *Proceedings of the National Academy of Sciences* 109: E2240.
- [5] Schwartz, M. W. , J. J. Hellmann, J. M. McLachlan, D. F. Sax, J. O. Borevitz, J. Brennan, A. E. Camacho, G. Ceballos, H. Doremus, R. Early, J. R. Etterson, **J. L. Gill**, P. Gonzalez, N. Green, L. Hannah, D. W. Jamieson, D. Javeline, B. A. Minter, J. Odenbaugh, S. Polasky, D. M. Richardson, T. L. Root, H. D. Safford, O. Sala, S. H. Schneider, A. R. Thompson, J. W. Williams, M. Velland, P. Vitt, S. Zellmer. (2012). Managed relocation: integrating the scientific, regulatory, and ethical challenges. *Bioscience* 62 (8): 747-743.
- [4] **Gill, J. L.**, J. W. Williams, S. T. Jackson, J. P. Donnelly, **G. C. Schellinger. 2012**. Climatic and megaherbivory controls on late-glacial vegetation dynamics: A new, high-resolution multi-proxy record from Silver Lake, OH. *Quaternary Science Reviews* 34: 66-80.
- [3] Boslough, M., K. Nicoll, V. Holliday, T. Daulton, D. Meltzer, N. Pinter, A. Scott, T. Surovell, P. Claey, **J. L. Gill**, F. Paquay, J. Marlon, P. Bartlein, C. Whitlock, D. Grayson, A. J. T. Jull. **2012**. Arguments and evidence against a Younger Dryas impact event. In *Climates, Landscapes & Civilizations*. American Geophysical Union Press, Washington, D.C.
- [2] **Gill, J. L.**, J. W. Williams, S. T. Jackson, **K. B. Lininger**, G. S. Robinson. **2009**. Pleistocene megafaunal collapse, novel plant communities, and enhanced fire regimes in North America. *Science* 326(5956): 1100-1103.
- [Science Podcast interview](#), 11/20/09
 - *Perspective* by Chris Johnson in *Science*.
 - ESA Cooper Award
- [1] D. M. Richardson, J. J. Hellman, J. S. McLachlan, D. F. Sax, M. W. Schwarz, P. Gonzalez, E. J. Brennan, A. Camacho, T. L. Root, O. E. Sala, S. H. Schneider, D. M. Ashe, J. R. Clark, R. Early, J. R. Etterson, E. D. Fielder, **J. L. Gill**, B. A. Minter, S. Polasky, H. D. Safford, A. R. Thompson, & M. Velland. **2009**. Multidimensional evaluation of managed relocation. *Proceedings of the National Academy of Sciences* 106(24): 9721-9724

IV. GRANTS & FUNDING (Total: \$1,789,370)

- 2020 NASA Exobiology: Surviving a mass extinction: Lessons from the post K-Pg fern spike. Co-PI with Emily Sessa (U. Florida), Jarmila Pitterman (UC Santa Cruz), Ellen Currano (U. Wyoming), and Regan Dunn (LAMNH). Total Budget: 1,193,212.00. PI Budget: \$343,380.
- 2018 NSF-EAR CAREER: Environmental change and extinction on the mammoth steppe. PI. Total Budget: \$793,815.
- 2017-2020 NSF-EAR-FI 1727460: Acquisition of LA-ICP-QQQ-MS equipment for in situ trace element and isotopic research and training at the University of Maine. Co-PI with

Alicia Cruz-Urbe (UMaine), Katherine Allen (UMaine), Andrei Kurbatov (UMaine), Karl Kreutz (UMaine). Total Budget: \$298,269.

2016-2017 NSF: PACE Workshop: Integrating Paleocology and Community Ecology. Lead PI, with Brian McGill (UMaine) and Jack Williams (UW Madison). Total budget: \$49,426.

2016-2019 NSF-EAR-SGP 1623840: Assessing millennial-scale community dynamics using highly-resolved mammal and vegetation food webs. Lead PI with Jessica Blois (UC Merced), Justin Yeakel (UC Merced), and Luis Chiappe (NHMLA). Total budget \$1,256,548. PI Budget: \$296,534.

2016 UMaine Rising Tide Seed Grant: Climate change and invasive species: Greater than the sum of their parts? PI. Total Budget: \$7496.

V. TEACHING

University of Maine: BIO 205 Field Natural History; BIO 476/572 Paleocology; BIO 568 Advanced Plant Ecology; BIO 510 Climate, Culture, and the Biosphere; EES 590: Special Topics (Eco-Lunch); BIO 505 Professionalism in Biology.

University of Wisconsin: GEOG 127: Physical Systems of the Environment

Short Course: Pollen Analysis, University of Maine (2014; to be taught again in 2018)

VI. AWARDS & HONORS

2020 Friend of the Planet Award, National Center for Science Education
2020 College of Natural Sciences, Forestry, and Agriculture Outstanding Public Service Award
2017 Human of the Year, Motherboard
2017 Finalist, Portland Press Herald Mainer of the Year
2015 University of Maine Faculty Fellows (2015-2017)
2013 New Phytologist Tansley Medal finalist
2012 DISCCRS Symposium Fellow
2011 Whitbeck Dissertator Fellowship, UW Madison Geography
2011 UW Madison Graduate Peer Mentor Award
2010 ESA Cooper Award (for *Gill et al., 2009*)
2010 ESA Student Section Award for Excellent Women in Ecology
2010 UW Geography Trewartha Award for Best Student Paper (*Gill et al., 2009*)
2008 ESA E. Lucy Braun Award for Excellence in Ecology
2008 Geological Society of America Student Research Grant: Outstanding Mention
2007 UW Geography Student Symposium Outstanding Presentation

Small Grants

2008 Geological Society of America Graduate Research Grant (\$3600)
2008 AAG Biogeography Specialty Group Student Research Grant (\$1000)
2008 UW Geography Trewartha Graduate Research Award

Travel Grants

- 2014 Bangor Savings Bank/LoRusso Faculty Development Award (\$2000)
- 2011 INQUA Young Scholar's Travel Award
- 2011 University of Wisconsin Vilas Conference Travel Award
- 2011 International Biogeography Society Meeting
- 2010 Paleochronology Building Workshop
- 2010 American Quaternary Association Meeting
- 2009 International Biogeography Society Meeting
- 2008 American Quaternary Association Meeting
- 2008 UW Geography Trewartha Travel Award (AAG)
- 2007 UW Geography Trewartha Travel Award (AAG)
- 2006 UW Geography Trewartha Travel Award (AAG)

VII. PRESENTATIONS

Invited

- 2021 Northern Arizona University, SICCS EcoInformatics (virtual)
- 2021 Native Plant Trust, Climate Resilience Symposium Keynote (virtual)
- 2021 University of Copenhagen, Center for Macroecology, Evolution & Climate (virtual)
- 2021 Colby College, Environmental Studies (virtual)
- 2021 Florida Institute of Technology, Ocean Engineering & Marine Sciences (virtual)
- 2021 University of Minnesota, Conservation Sciences Program (virtual)
- 2020 The Ohio State University, School of Environment and Natural Resources (virtual)
- 2020 URegina Department of Biology, Regina, Canada (virtual)
- 2020 New England Botanical Club, Cambridge, MA (virtual)
- 2020 Berkeley Museum of Paleontology, Berkeley, CA (virtual)
- 2020 Human Ecology Forum, College of the Atlantic (virtual)
- 2019 Keynote Speaker, CSEE/CES Joint Meeting, Fredericton, NB, Canada
- 2019 Keynote Speaker, Front Range Ecology Symposium, Fort Collins, CO
- 2019 Michigan State University, Lansing, MI
- 2018 Lamont-Doherty, Columbia, New York, NY
- 2018 University of Georgia, Athens, GA
- 2017 Stony Brook University, Stony Brook, NY
- 2017 WLSTE+10, Kuwait City, Kuwait
- 2017 Yale University, New Haven, CT
- 2017 Ecological Society of American Annual Meeting, Portland, OR
- 2017 Texas A&M University, College Station, TX
- 2017 Williams College, Williamstown, MA
- 2017 American Association for the Advancement of Science, Boston, MA
- 2016 Ecological Society of America Annual Meeting, Ft. Lauderdale, FL
- 2016 University of Florida, Gainesville, FL
- 2016 University of Cambridge, Cambridge, UK
- 2015 College of the Atlantic, Bar Harbor, ME
- 2015 University of Nebraska, School of Biological Sciences, Lincoln, NE
- 2015 Smithsonian Temperate Forest Research Consortium, Washington, DC
- 2015 University of Maine, School of Forest Resources, Orono, ME
- 2014 Smith College, Dept. of Biology, Northampton, MA

- 2014 Princeton University, Ecology and Evolutionary Biology, Princeton, NJ
- 2014 Page Museum and La Brea Tar pits, Los Angeles, CA
- 2014 University of Central Florida, Dept. of Biology, Orlando, FL
- 2013 Oxford Megafauna Conference, Oxford, UK.
- 2013 University of New Hampshire, Environmental Sciences, Durham, NH
- 2013 University of Maine, Wildlife Ecology Department, Orono, ME
- 2013 International Congress of Conservation Biology, Baltimore, MD
- 2012 University of Wisconsin—Stevens Point Department of Geography, WI
- 2012 University of Rhode Island Department of Biological Sciences, Kingston, RI
- 2012 Holden Arboretum, Kirtland, Ohio.
- 2011 Ecological Society of America Annual Meeting, Austin, TX.
- 2010 American Quaternary Association Biennial Meeting, Laramie, WY
- 2010 University of Chicago Department of the Geophysical Sciences, Chicago, IL
- 2009 Climate, People & the Environment Program, University of Wisconsin-Madison.
- 2007 Climate, People & the Environment Program, University of Wisconsin-Madison.

Contributed Talks

- 2019 Ecological Society of America Annual Meeting, Louisville, KY
- 2018 Ecological Society of America Annual Meeting, New Orleans, LA
- 2017 International Biogeography Society Biennial Meeting, Tucson, AZ
- 2015 Ecological Society of America Annual Meeting, Baltimore, MD
- 2014 Ecological Society of America Annual Meeting, Sacramento, CA
- 2013 Ecological Society of America Annual Meeting, Minneapolis, MN
- 2013 International Biogeography Society Biennial Meeting, Miami, FL
- 2012 Ecological Society of America Annual Meeting, Portland, OR.
- 2011 International Quaternary Association XVIII Congress, Berne, Switzerland
- 2009 American Geophysical Union Annual Meeting, San Francisco, CA
- 2009 Ecological Society of America Annual Meeting, Albuquerque, NM
- 2009 Association of American Geographers Annual Meeting, Las Vegas, NV
- 2008 Ecological Society of America Annual Meeting, Milwaukee, WI
- 2008 Association of American Geographers Annual Meeting, Boston, MA
- 2008 Wisconsin Ecology Spring Symposium, Madison, WI
- 2007 Geography Student Symposium, UW Madison Geography.

Panels

- 2022 Global Land Programme Webinar: Prehistoric land use reshaped most of terrestrial nature – does that matter now?
- 2021 Maine North Atlantic Institute: MNAI Convenes: Capturing Climate
- 2020 AGU: An Honest Conversation About Failure
- 2017 Aspen Ideas Festival: Resurrecting the Woolly Mammoth and Other Climate Moonshots
- 2017 Aspen Ideas Festival: Thirty Years of Climate Change: What Will the Next Three Decades Bring?

Posters

- 2015 International Biogeographic Society 5th International Conference, Beyreuth, Germany
- 2012 American Quaternary Association Biennial Meeting, Duluth, MN.
- 2011 International Biogeography Meeting, Iraklion, Greece.
- 2010 Ecological Society of America Annual Meeting, Pittsburgh, PA
- 2009 International Biogeographic Society 4th International Conference, Mérida, Mexico.
- 2008 American Quaternary Association Biennial Meeting, State College, PA.
- 2007 Ecological Society of America Annual Meeting, San Jose, CA
- 2007 Association of American Geographers Annual Meeting, San Francisco, CA

VIII. OUTREACH, COMMUNICATION, AND ENGAGEMENT

Documentary/Films

Lost Beasts of the Ice Age, BBC/Discovery (2019), *Let Science Speak*, Generous Films (2018), *First Peoples*, PBS (2015)

Select Media coverage

Magazines: The Atlantic, Rolling Stone, National Geographic, Newsweek, Mother Jones, Vogue, Vanity Fair, Science, Nature, Undark, Eos, Forbes, Downeast

Online: Vice, BuzzFeed, Salon, Grist, Inside Higher Ed, Yale Environment 360, Sierra Club, The Hill, EarthSky, Quartz, The Verge, IFL Science, Not Exactly Rocket Science

Newspapers: New York Times, Washington Post, The Boston Globe, LA Times, Christian Science Monitor, Portland Press Herald, Bangor Daily News, Penobscot Times

Radio: NPR Morning Edition, BBC World Service, BBC News, Quirks & Quarks (CBC), WNPR Where We Live

Podcasts: Factually! With Adam Ruins Everything, In Defense of Plants, Wild Ideas, Big Picture Science, The People Behind the Science, Background Mode: A Mac Observer Podcast, Science...Sort of, Retrieving the Social Sciences, Palaeocast, Breaking Bio, America Adapts, Breakthrough Dialogs,

Public Writing

Washington Post, Scientific America Blogs, Inside Higher EdCOA Magazine
Scientopia Blogs, DoubleXScience, BlogHer, Waterville Morning Sentinel

Outreach & Communication – Major Efforts

- Twitter account (@JacquelynGill) with >102,830 followers
- Co-Founder and Committee Member, National March for Science
- Host of Warm Regards, a climate change podcast (>10,000 downloads/episode)
- Blog on climate change, ecology & the culture of science at The Contemplative Mammoth (contemplativemammoth.wordpress.com), >120,000 hits annually

Outreach – Talks & Panels

- 2021 Yukon Beringia Interpretive Centre, Whitehorse, Yukon, Canada
- 2021 Max Planck Institute Series: The Past, Present, & Future of the Human Niche
- 2019 Invited Public Keynote, CSEE, Fredericton, NB, Canada
- 2018 SciComm Keynote, Lincoln, Nebraska
- 2018 UDelaware Darwin Day Keynote, Newark, Delaware
- 2017 Sitka WhaleFest Keynote and Guest Scientist, Sitka, Alaska
- 2017 Aspen Ideas Festival, panels on Pleistocene Park and Climate Change
- 2015 Invited speaker, Faith Alliance for Climate Solutions (Waterville, ME)
- 2010–2015 Panelist on science communication, diversity, and climate change issues at WisCon, a science fiction convention
- 2014 Middle school classroom presentations in Bucksport, ME and Orlando, FL
- 2014 Consultant, *First Peoples* PBS documentary
- 2013 Consultant, *Ice Age* (BBC)
- 2012 - 2013 Participant at the ScienceOnline un-conference on science communication in Raleigh, NC
- 2011 Guest scientist with the UW Madison Association of Science Writers

STEM Diversity Initiatives

- 2021-present Climate Change Institute's Diversity, Equity, and Inclusion Committee
- 2020-2021 Ecological Society of America Ad-Hoc Committee on Diversity
- 2021 UMaine Pod Leader, URGE (Unlearning Racism in the Geosciences)
- 2015 Workshop: Making Ecology Safe for Everyone, ESA
- 2012 ESA SEEDS Mentor
- 2011 UW Madison PEOPLE program scientist volunteer

Board Membership

- 2018-present Board of Directors, South Atlantic Environmental Research Institute
- 2018-2021 Board of Directors, Mabel Wadsworth Center, Bangor, ME
- 2017-present Advisory Board, 314 Action
- 2017-2018 Leadership Council, 500 Women Scientists

Workshops Organized

- 2019 Improv for Science Communication & Outreach
- 2013 Social Media for Collaboration, Research, & Impact, ESA

2012 Social Media: Creating a Space for the Conversation, NSF
2012 Social Media for Collaboration, Research & Impact, ESA

Society Leadership

2019-2021 Member-at-Large, Ecological Society of America
2014-2018 VP of Communication & Public Affairs, International Biogeography Society
2016-2017 Secretary, ESA Paleoecology Section
2012-2014 INQUA Humans and the Biosphere Committee
2012-2014 INQUA Early Career Researcher Committee
2012-2015 ESA Paleoecology section chair
2011 - 2012 ESA Paleoecology section vice-chair
2010 - 2011 UW Madison Women in Geography
2008 - 2010 Wisconsin Ecology Graduate Committee Co-Chair
2008 - 2009 AAG Biogeography Specialty Group Graduate Student Representative
2006 - 2008 Wisconsin Ecology Graduate Committee Geography Representative

Department and University Service (UMaine)

2019-present Graduate Coordinator, SBE
2019-present Peer Committee, SBE
2019-present Peer Committee, CCI
2018-present Policy Advisory Committee, SBE
2019 Search Committee, Molecular Ecology (SBE)
2019 Search Committee, Transnational Women's History (WGS & History)
2018 Search Committee (Chair), Plant Evolution & Systematics (SBE)
2016-2017 Graduate Committee, School of Biology & Ecology
2016 Search Committee, Plant Physiology (SBE)
2015 University Committee on Shared Technicians
2015 Search Committee, Mammalogy (SBE)
2015 Geddes Simpson Distinguished Lecture Committee
2013-2016 Advisory Board: Women's, Gender, and Sexuality Studies Program
2014-2016 Speakers Committee, School of Biology & Ecology
2013-2014 Curriculum Committee, Climate Change Institute
2013-2014 Graduate Affairs Committee, School of Biology & Ecology

Department Service (UW Madison)

2011 - 2012 Curriculum Committee
2010 - 2011 Speakers Committee
2009 - 2010 Graduate Affairs Committee
2008 - 2009 Graduate Representative to the Faculty Committee
2007 - 2008 Biogeography Faculty Search Committee
2006 - 2007 Speakers Committee
2006 - 2010 Graduate Student Peer Mentor

Working Groups & Workshops

- 2017 PACE Workshop: Paleoecology & Community Ecology
- 2016 Northeast Climate Group
- 2015 Smithsonian Symposium on Temperate Forests
- 2014 Women, Science, & Knowledge Production, University of Maine
- 2013 DISCCRS
- 2012 Conserving the Stage Working Group
- 2012 Palaeo50: The Fifty Most Pressing Questions in Palaeoecology
- 2010 Paleochronology Workshop, CIMAT/PAGES
- 2008 – 2010 Managed Relocation Working Group

Symposia Organized

- 2019 Symposium: New advances in reconstructing biotic interactions in Quaternary paleorecords. *International Quaternary Association Congress*, Dublin, Ireland
- 2016 Organized Oral Session: Are novel communities novel ecosystems? *Ecological Society of America Annual Meeting*, Ft. Lauderdale, FL
- 2014 Symposium: Island biogeography, from the oceans to the sky: Recent advances and an emerging synthesis, *Ecological Society of America Annual Meeting*, Sacramento, CA
- 2013 Symposium: Rapid Climate Change and Species Range Shifts: Observations, Predictions, and Management, *Ecological Society of America Annual Meeting*, Minneapolis, MN
- 2011 Symposium: What is natural? A long-term view of the ecosystems of the Americas. *Ecological Society of America Annual Meeting*, Austin, TX
- 2007 Organized Oral Session: Ancient extinctions & modern experiments: Ecological effects of adding and removing megaherbivores from the landscape. *Ecological Society of America Annual Meeting*, San Jose, CA

Journal Editor

Global Ecology & Biogeography (2020-present), Ecology Letters (2016-2019), Journal of Ecology (2015-2018), Ecography (2014-2018)

Proposal Reviewer & Panelist

National Science Foundation (DEB, Geosciences, OPUS, PIRE, SGP Postdoc Program, GRFP), American Chemical Society

Manuscript Reviewer

Ecography, Ecology, Ecology Letters, Ecological Monographs, Geology, Global Change Biology, Global Ecology & Biogeography, The Holocene, Journal of Biogeography, Journal of Ecology, Nature, Nature Communications, Nature Ecology and Evolution, People and Science, PLOS Computational Biology, PLOS One, PNAS, Proceedings of the Royal Society B, Quaternary Research, Quaternary Science Reviews, Quaternary Geochronology, Rocky Mountain Geology, Science

IX. SOCIETY AFFILIATIONS

American Quaternary Association, American Geophysical Union, Ecological Society of America, Earth Science Women's Network, International Biogeography Society, International Quaternary Association, Sigma Xi