Aimée T. Classen

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CURRENT POSITIONS

2020-present **Director, University of Michigan Biological Station**; Professor, Department of Ecology and Evolutionary Biology, The University of Michigan, Ann Arbor, MI, USA

Key responsibilities

- Direct a research and educational field campus that serves researchers and students from around the world; the largest campus in the U-Michigan System (~13,000 acres)
- Develop the research, education and community engagement mission
- Responsible for strategic and administrative decision making for a unit that serves the largest U-Michigan college as well as students and faculty from > 8 other UM colleges
- Coordinate a community of >500 people, ~16,000 user days a year (excluding the public)
- Administer a budget of ~$3M/yr
- Oversee >140 buildings and their facilities as well as research infrastructure
- Direct a staff of 14 year-round and >60 from May-August

2026-present **Senior Fellow**, Michigan Society of Fellows, U-Michigan

2016-present **Honorary Research Associate**, Victoria University of Wellington, New Zealand

- Co-PI on grants focused on climate change and plant invasion; Co-mentor PhD students

PRIOR POSITIONS

2016-20 **Editor-in-Chief, *Ecological Monographs***, The Ecological Society of America

2018-20 **Director of the George D. Aiken Forestry Sciences Laboratory**, Professor, The U-Vermont, Rubenstein School of Environment and Natural Resources, Burlington, VT, USA

2017-18 **Associate Professor & Interim Director of the Natural Resources Program**, Rubenstein School of Environment and Natural Resources, The U-Vermont, Burlington, VT, USA

- Worked on assessment for the Natural Resources program, advised students, and promoted student programming

2014-18 **Associate Professor**, The Natural History Museum of Denmark, The U-Copenhagen, Denmark

2012-16 **Associate Editor-in-Chief, *Ecological Monographs***, The Ecological Society of America

2014-19 **Visiting Associate Professor**, Hawkesbury Institute (HIE), U-Western Sydney, Australia

2012-15 **Associate Professor & Chair of Undergraduate Affairs**, Ecology & Evolutionary Biology, The U-Tennessee, Knoxville, TN, USA

- Overhauled the undergraduate curriculum to increase transparency and graduation rates

2009-10 **Visiting Assistant Professor**, Department of Biology, U-Copenhagen, Denmark

2008-12 **Assistant Professor**, Ecology & Evolutionary Biology, The U-Tennessee, Knoxville, TN, USA

2005-08 **Staff Scientist**, Oak Ridge National Laboratory, Oak Ridge, TN, USA

2005-08 **Research Assistant Professor**, Ecology & Evolutionary Biology, U-Tennessee, USA

1998-99 **Technician**, Stanford University, School of Earth, Energy and Environmental Sciences, Palo Alto, CA, USA

1998 **Technician**, University of California, Department of Environmental Science, Policy, and Management, Berkeley, CA, USA

1997-98 **Middle & primary school teacher**, Pinewood School, Los Altos Hills, CA, USA

1995-96 **Middle school teacher**, The Eaglebrook School, Deerfield, MA, USA

EDUCATION

2005 **Postdoctoral Fellow**, Global Change Biology, Oak Ridge National Laboratory, TN, USA

2004 **Ph.D., Biology**, Northern Arizona University, Flagstaff, AZ, USA

1995 **B.A., Biology**, Smith College, Northampton, MA, USA

1990-91 **Post-grad, English Speaking Union Scholar**, Stamford School, Lincolnshire, UK

Parental leave: Harry 2004 (5/04-1/05) & Finn 2007 (12/07-7/08)

HONORS & AWARDS

2026	**Elected Senior Fellow, Michigan Society of Fellows**, U-Michigan, 2026-2030; elected by the University President
2025	Awardee, **Mentoring Award**, Ecology & Evolutionary Biology Department, U-Michigan
2024	**Elected Fellow, American Association for the Advancement of Science**
2020	**Elected Fellow, The Ecological Society of America**
2018	Elected Fellow, Gund Institute for Environment, U-Vermont
2015	Awardee, **Mentoring Award**, Association for Women Soil Scientists
2014	Promising young scholar, The US National Academy of Sciences, Frontiers in Science
2012	Awardee, Research and Creative Achievement Award, UT College of Arts and Sciences
2012	Awardee, Teaching Award, Pi Beta Phi
2007	Promising young scholar, The US National Academy of Sciences, Frontiers in Science
2007	Fellow, Kavli Foundation Science
2002, 2007	Awardee, Best paper, Forest Soils, Soil Science Society of America
2006	Awardee, **Outstanding Mentor** Award, US Department of Energy
2003-04	American Fellow, American Association of University Women
2002-03	Graduate Fellow, Merriam-Powell Center for Environmental Research
2003	Awardee, Best student presentation, honorable mention, Soil Ecology Society Meetings
1995	Elected fellow, Sigma Xi
1995	Awardee, Brown Botany Prize, Smith College
1991-93	Awardee, NCAA All-American, swimming

LEADERSHIP & STRATEGIC ACCOMPLISHMENTS

Field Station Leadership

University of Michigan Biological Station, Director, 2020-present

2024-now	Led the upgrade of Biological Station Buildings inside and out to get campus ready for year-round programming
2026	Led an organizational redesign of UMBS, creating an integrated research, education, and engagement structure, new senior roles (e.g., Assistant Director, Director of Research); presented to the University of Michigan Board of Regents
2026	Developed a three-year advancement strategy centered on planned giving, with documented estate intentions as the lead metric
2026	Positioned the 118-year UMBS archive as a platform for AI-assisted discovery and undergraduate research training (NSF REU Site proposal, TRACED)
2024	Created a communications strategy that increased written news stories 570% and increased planned giving and total gifts by 13% in its first year; instituted a monthly newsletter
2024-present	Built a winter science coalition spanning UMBS, SEAS, CLaSP, Engineering, Public Health, the Water Center, and Michigan State University's Kellogg Biological Station, growing from the Changing Winters initiative into the WINTERS Impact Institute proposal
2025	Developed a strategic plan, the first in organizational history
2022, 2025	Secured $17M from the University Regents, Provost and College of Literature, Science, and the Arts (LSA) to update campus infrastructure
2023-25	Developed a facilities & campus plan
2022-24	Developed an inclusion & a field safety strategy as part of our operations
2023	Executed a self-study & external review
2023	Created an advisory board of cross-campus University leaders
2023	Started a "kids camp" to support researcher, faculty, staff and student families
	Increased the diversity of faculty, researchers & students
2022	Began recruitment of up-and-coming research teams to the Biological Station
2022	Presented to the University of Michigan Board of Regents
2022	Created a research review process for researchers working or applying to work at the Biological Station

George D. Aiken Forestry Sciences Laboratory, U-Vermont, Director, 2018-20

- Managed the Rubenstein Research laboratory facility, coordinated space, community & research

Editorial Leadership

Annual Review of Ecology, Evolution, and Systematics, Associate Editor, 2027-

- Assist with journal vision, recruit editorial board and visiting editor positions
- Help lead the AREES strategic vision

Ecological Monographs, Editor-in-Chief, 2016-20

- Helped lead strategic vision for all Ecological Society of America publications
- Led and developed strategy; increased manuscript submissions every year over tenure
- Increased the diversity of editorial board and increased journal transparency
- Increased journal impact factor to 10; maintained rank as top 10 Ecological journal

Ecological Monographs, Associate Editor-in-Chief, 2012-16

- Assisted with journal vision, reviewed all manuscripts submitted, recruited editorial board
- Helped lead strategic vision for all ESA publications

Scientific Network Leadership

2024-present	**MicrobeNet^Net** (NSF AccelNet), Co-PI; an international network of plant-microbe research networks with 30 committed international exchanges, online workshops, a mentor-mentee program, and a 2027 colloquium in Chile
2013-present	**WaRM** (Warming and species Removal in Mountains), Co-PI; a distributed experiment spanning nine mountains on five continents; organized network workshops in Denmark (2016) and Vermont (2018)
2010-17	**INTERFACE** (Integrated Network for Terrestrial Ecosystem Research on Feedbacks to the Atmosphere and ClimatE), NSF Research Coordination Network, Co-PI; organized workshops in Florida and Iceland (2011), the Czech Republic (2013), Italy (2016), and Vermont (2017)

RESEARCH FUNDING

Amounts are shown in the award currency.

Pending

US National Science Foundation (NSF)

Years	Project	Amount	Role
2027-31	Cold-season controls on annual carbon budgets in temperate forests	$2,295,440	PI
2027-30	REU Site: TRACED - Training in Research, Archives, Computation, and Ecological Discovery	$458,005	PI

University of Michigan

Years	Project	Amount	Role
2027-29	Impact Institutes: WINTERS (Winter Interactions, Networks, Transitions, Ecosystems, Resilience, and Society)	$200,000	PI
2027-	Connecting to College: Northern MI and the Upper Peninsula; U-Michigan Community Impact Grant Proposal	$50,000	PI

Current

US Department of Energy (DOE)

Years	Project	Amount	Role
2026-27	AmeriFlux Management Project Core Site	$231,334	Co-PI
2021-26	AmeriFlux Management Project Core Site	$1,005,327	Co-PI
2021-26	The potential for advanced snowmelt timing to decouple plant and mycorrhizal fungal phenology and biogeochemical cycling	$897,998 $999,698	Co-PI + LBL

US National Science Foundation (NSF)

Years	Project	Amount	Role
2026-27	RAPID: Record warmth and missing snowpack at RMBL: a critical test of functional decoupling in montane ecosystems	$288,366	Co-PI

Years	Project	Amount	Role
2024-28	AccelNet Implementation MICROBENet-Net: Multi-Institute Collaborative Research on BElowground plant-microbial interactions Network of Networks	$1,500,000	Co-PI

Other Agency / Foundation

Years	Project	Amount	Role
2026	**National Fish and Wildlife Foundation.** Hungerford's Crawling Water Beetle - Habitat Assessment Protocol & Priority Site Surveys	$40,000	PI
2024-26	**The Wild Animal Initiative.** How do sublethal parasitic infections influence the diet and welfare of North America's most abundant mammals?	$167,337	Co-PI

Internal Funds

Years	Project	Amount	Role
2025-26	**Inclusive History Project Research & Engagement Fund, U-Michigan.** "Communicating the Interwoven Human and Natural History of UM Biological Station-Managed Lands"	$25,000	To Associate Director Slavik
2024-26	**McIntire-Stennis, U-Michigan.** From trees to stands: Assessing forest ecosystems integrated multifunctionality at scales relevant to decision making	$139,534	Co-PI

Prior

US Department of Energy (DOE)

Years	Project	Amount	Role
2020	Environmental Molecular Science Laboratory (EMSL) Exploratory Research proposal. Exploring soil organic matter dynamics in a warming world using an array of warming experiments and soil models	$52,834	PI
2013-18	Incorporating rhizosphere interactions and soil physical properties into a soil carbon degradation model through experimenting across ecotypes	$988,039	PI
2015-16	Bog extn.: Incorporating rhizosphere interactions and soil physical properties into a soil carbon degradation model through experimenting across ecotypes	$23,105	PI
2006-09	Community & ecosystem response to global change: interactive effects of atmospheric carbon dioxide, surface temperatures, & soil moisture	$1,700,000	PI
2007-09	Implications of enhanced fine-root production in the Oak Ridge FACE experiment	$1,200,000	Co-PI
2005-06	Responses to elevated CO2 in a closed canopy deciduous forest	$597,444	Co-PI

US National Science Foundation (NSF)

Years	Project	Amount	Role
2021-25	Collaborative Research: Understanding How Students' Sense of Belonging Develops During Undergraduate Field Experiences: Supports, Barriers, and Implications for Faculty	$68,875	Host PI
2020-25	LTREB: Phenological responsiveness of plants & bees: consequences for species, interactions, community composition and biomass	$741,187	Co-PI
2019-23	RII Track-2 FEC: Leveraging Intelligent Informatics and Smart Data for Improved Understanding of Northern Forest Ecosystem Resiliency	$3,000,000	Co-PI
2021	REP supplemental for LTREB: Phenological responsiveness of plants and bees: consequences for species, interactions, community composition and biomass	$54,570	PI
2019-20	LTREB: Phenological responsiveness of plants and bees: consequences for species, interactions, community composition and productivity	$171,416	Co-PI
2010-17	Research Coordination Network: Integrated Network for Terrestrial Ecosystem Research on Feedbacks to the Atmosphere and ClimatE	$500,000	Co-PI

Other Agencies

Years	Project	Amount	Role
2020-25	**The Swedish Scientific Research Council.** The impact of competition on plant-mycorrhizal associations in a warmer Arctic	4,340,000 SEK	Co-PI

Years	Project	Amount	Role
2021-26	**Marsden Fund, Royal Society Te Apārangi, New Zealand.** Changing climate and biodiversity in mountains: understanding the interactive effects of warming, species extinctions and invasions on ecosystem function	960,000 NZD	Co-PI
2022-25	**General Secretary of Universities, Research and Technology, Andalusia, Spain.** Ecosystem effects of the Invasive Argentine Ant: Fauna and Soil	179,870 Euro	Co-PI
2018-20	**Natural Environment Research Council, UK.** Functional Ecology of Alpine Systems; a global network	80,905 GBP	Collaborative partner
2019	**The US Department of Agriculture.** Acquisition of an ICP-OES	$49,975	Co-PI
2016-18	**Ministry of Business Innovation and Employment's Te Pūnaha Hihiko Fund, New Zealand.** The Future of Our Taonga Tipu	100,000 NZD	Co-PI
2017	**Climate Impacts Research Centre, Sweden.** Automatic Detection of Arctic Microarthropods	50,000 SEK	Co-PI
2015	**Carlsberg Foundation.** Request for a gas exchange cluster to explore climate change impacts on montane ecosystems around the world	360,000 DKK	PI
2015	**IK lykkes fond, Norway.** Alpine plant-fungal interactions under shrub encroachment and their role in ecosystem carbon turnover	20,000 NOK	Co-PI

Internal Funds & Sub-contracts

Years	Project	Amount	Role
2025	**ADVANCE Elizabeth Caroline Crosby Faculty Grants Program, U-Michigan.** Supporting early career field scientists at U-Michigan Biological Station	$17,413	PI
2023-24	**U-Michigan School for Environment and Sustainability Themes Funds.** Adaptive management of culturally & economically important wildlife in tribal lands of Michigan's UP	$80,000	Co-PI
2022-24	**McIntire-Stennis, U-Michigan.** Assessing Tradeoffs in Forest Resilience to Water and Productivity losses at the Boreal-Temperate Ecotone	$150,000	Co-PI
2019-24	**McIntire-Stennis, U-Vermont.** The State of Carbon in Northeast Forests: creating an Integrated Soil Carbon inventory to explore and understand what drives variation in soil carbon across scales and with management	$512,352	Co-PI
2020-21	**Gund Institute Catalyst Award.** Low cost & high frequency quantification of soil nutrients in ecosystems undergoing rapid global change	$50,000	PI
2017-19	**Gund Institute Catalyst Award.** Catalyzing research, scholarship, and teaching in montane systems	$46,538	Co-PI
2014-15	**Hawkesbury Institute for the Environment Exchange Program, Australia.**	9,964 AUD	PI
2013-15	**Oak Ridge National Laboratory.** Applying methods for the study of plant-microbe interactions	$44,475	PI
2013-14	**The U-Tennessee.** Initiative for Quaternary Paleoclimate Research	$40,000	Co-PI
2013	**Oak Ridge National Laboratory, Joint Directed Research and Development Fund.** Incorporating rhizosphere interactions and soil physical properties into a soil carbon degradation model	$55,000	PI
2013	**The U-Tennessee.** Technology to improve ecology labs and curriculum at UT	$85,000	Co-PI
2012-13	**The U-Tennessee.** Initiative for Quaternary Paleoclimate Research	$55,000	Co-PI
2013	**Oak Ridge National Laboratory, Joint Directed Research and Development Fund.** Incorporating microbial dynamics that alter soil carbon fluxes into terrestrial carbon cycle models	$47,846	PI
2011-12	**Oak Ridge National Laboratory.** Assessment of microbial communities associated with wood decomposition	$192,298	PI
2011	**U-Tennessee.** Initiative for Quaternary Paleoclimate Research	$51,600	Co-PI
2011	**U-Tennessee, Microbiology across Campuses Educational and Research Venture.** Understanding the links among microbial community composition and function and soil processes	$10,000	PI

Years	Project	Amount	Role
2010	**Oak Ridge National Laboratory, Joint Directed Research and Development Fund.** Combining molecular biology with ecology to determine the genetic and environmental constraints to primary productivity	$64,940	PI
2010	**U-Tennessee, Microbiology across Campuses Educational and Research Venture.** Bridging the gaps in soil carbon and nitrogen cycling: microbes as predictors of global climate change?	$21,315	PI
2009	**Oak Ridge National Laboratory.** Assessment of microbial communities associated with Populus	$56,113	PI
2009	**Oak Ridge National Laboratory, Joint Directed Research and Development Fund.** Developing a systems biology approach for linking genetic and environmental constraints to primary productivity: can patterns scale to the field?	$63,000	PI
2006-08	**Oak Ridge National Laboratory, Lab Directed Research and Development Fund.** Disentangling soil respiration using genomic techniques	$655,000	PI
2008-09	**Oak Ridge National Laboratory, Lab Directed Research and Development Fund.** Carbon drivers of the microbe-switchgrass rhizosphere interface	$750,000	Co-PI
2006	**Oak Ridge National Laboratory SEED.** Does genetic diversity within species influence ecosystem nutrient cycling?	$20,000	PI

MENTORING

Graduate Student Advisees

Current

Name	Degree	Start	Notes
Ariana Di Landro	PhD	2025-	
Aadia Moseley-McCloud	PhD	2025-	
Ronan Montgomery-Taylor	PhD	2025-	
Giovanna Munoz-Gonzalez	MS	2025-	
Brenda Hernández	PhD	2024-	
Barryette Oberholzer	PhD, SLU, Umeå, Sweden	2022-	Co-advised with Paul Kardol

Former

Name	Degree	Current position
Kohsuke Tanigawa	PhD 2026, SLU, Umeå, Sweden	Co-advised with Paul Kardol
Indira León	PhD 2026, Victoria University of Wellington, NZ	Co-advised with Julie Deslippe
Olivia Vought	PhD 2025	Presidential Postdoctoral Fellow, Yale University
Aadia Moseley-McCloud	MS 2025	PhD Student, U-Michigan
Jim Den Uyl	PhD 2025, Victoria University of Wellington, NZ	Co-advised with Julie Deslippe
Brenda Hernández	MS 2024	PhD Student, U-Michigan
Sorrel Hartford	MS 2023	Organic farming
Elizabeth O'Brien	MS 2023	Consultant, Climate Risk Modeling
Kenna Rewcastle	PhD 2021	Assistant Research Scientist, Center for Global Sustainability, U-Maryland, USA
Justyna Giejsztowt	PhD 2019, Victoria University of Wellington, NZ	Senior Ecologist and Botanist, Wildlands Consulting, New Zealand
Ji "Sonamkyi" Suonan	PhD 2017, Beijing University, China	Associate Professor, Qinghai Normal University, China
Jeremiah Henning	PhD 2017	Associate Professor, U-South Alabama, USA
Leigh Moorhead	PhD 2017	United States EPA, USA
Elizabeth Dent	MS 2017	
Jessica Moore (now Pyle)	PhD 2016	Teaching Assistant Professor, U-Tennessee, USA
Aurelija Petkevičienė	MS 2015	Investment Advisor for Life Sciences at Invest Lithuania, Lithuania

Name	Degree	Current position
Emily Austin	PhD 2013	Data team lead, NH Department of Health and Human Services (DHHS), New Hampshire, USA
Melissa Cregger	PhD 2012	Chief Science Officer and Senior Staff Scientist, Oak Ridge National Laboratory, USA
Colleen Iversen	PhD 2008	Distinguished Staff Scientist and Group Leader, Oak Ridge National Laboratory, USA

Postdoctoral Fellows

Current

Years	Name	Notes
2026	Ella Segal	
2026	Alex Siggers	Based at Umeå University, Sweden

Former

Years	Name	Current position
2026	Olivia Vought	Presidential Postdoctoral Fellow, Yale University
2022-24	Rose Brinkhoff	Centre for Environmental and Climate Science, Lund, Sweden
2022-23	Alison Bressler	Water Center, Graham Sustainability Institute, Michigan USA
2020-23	Melissa Pastore	US Forest Service, Minneapolis, Minnesota USA
2021-22	Kenna Rewcastle	Scientist, University of Maryland, Center for Global Sustainability
2017-21	Case Prager	Foreign Affairs Officer, US Department of State, Washington DC, USA
2017-21	Xin Jing	Professor, Lanzhou University, China
2014-19	Annelein Meisner	Scientist, Wageningen University, Netherlands
2017-18	Emily Meineke	Associate Professor, U-California, Davis, USA
2015-18	Erin Cameron	Canada Research Chair, Associate Professor, Saint Mary's University
2015-18	Daan Blok	Policy officer for the Netherlands Polar Program, Netherlands
2014-17	Maja Sundqvist	Professor & Dean, SLU, Sweden
2012-15	Jiang Jiang	Professor, Nanjing Forestry University, China
2010-12	Emily Moran	Associate Professor, U-California, Merced, USA
2009-12	Lara Souza	Professor, Biological Sciences, U-Oklahoma, USA
2008-10	Marie-Anne de Graaff	Professor & Associate Dean, Boise State University, Idaho, USA
2007-09	Paul Kardol	Professor, SLU, Sweden
2006-08	Hector Castro	Associate Core Director, U-Tennessee, USA

Research Managers & Technical Staff

Years	Name	Position
2022-now	Karin Rand	Lab manager & scientist, U-M
2024-26	Isabel Thornberry	Lab technician & scientist, U-M
2020-22	John DenUyl	Lab manager, U-M
2023-24	April Bermudez	Field and lab tech, U-M
2020-22	Karin Rand	Field and lab tech, UVM
2018-20	Raina Fitzpatrick	Field and lab tech, UVM
2014-18	Greg Newman	Lab manager, CPH, UVM
2013-17	Courtney Patterson	Lab manager, Scientist, UTK
2010-12	Courtney Campany	Lab manager, ORNL, UTK
2007-09	Haley Smith	Lab tech, UTK

Visiting Researchers

Years	Name	Affiliation at time of collaboration
2021-22	April Bermudez	NSF Post-Bac, Rocky Mountain Biological Laboratory, USA
2018-19	Cancan Zhao	Henan University, China
2018	M. Noelia Barrios Garcia Moar	Fulbright Fellow, Conicet, Argentina
2018	Mariano Rodriguez-Cabal	Fulbright Fellow, Conicet, Argentina
2018	Wenting Feng	Scientist, Chinese Academy of Agricultural Sciences, Beijing, China
2016, 2017	Xin Jing	Peking University, China

Years	Name	Affiliation at time of collaboration
2016	Laura Steffy	Primary School Teacher, Texas, USA
2015-16	Katarzyna Koszela	Post-doc, U-Silesia, Poland
2015	Qiong Zhao	Institute of Applied Ecology at the Chinese Academy of Sciences, China
2012-13	Leslie Smith	Your Ocean Consulting, LLC, USA
2007-08	George Byrd	Ferrum College, Virginia, USA
2007	Xiongwen Chen	Alabama A&M University, Alabama, USA

Selected National & International Grants and Awards to Advisees & Lab Members

Garden Club of America, Mary T. Carothers Summer Environmental Studies Scholarship. P. Falb, BS, 2024, 2023

Fulbright Scholar. E. Waldron, BS Mount Holyoke College, 2024; K. Rewcastle, BS, UTK 2016

Fulbright Scholar honorable mention. P. Falb, BS U-M, 2025; K. Rewcastle, BS UTK, 2015

National Science Foundation Graduate Research Fellowship Program. Isabel Thornberry, 2026 (now graduate student, Dartmouth); MS, E. O'Brien, 2020; BS, K. Rewcastle, 2017; BS, K. Connell, 2017; BS, A. Pennyworth, 2015; BS, L. Breza, 2013; PhD, L. Moorhead, 2012; PhD, E. Austin, 2007

National Science Foundation Graduate Research Fellowship Program honorable mention. PhD, Ariana Di Landro 2026; PhD, Ronan Montgomery-Taylor 2026; MS, Giovanna Munoz-Gonzalez 2026; PhD, Aadia Moseley-McCloud 2025; PhD, A. Di Landro, 2025; PhD, R. Montgomery-Taylor, 2025; BA, P. Falb, 2025; PhD, O. Vought, 2020; PhD, J. Moore, 2011 & 2010; PhD, E. Austin, 2006

US National Science Foundation post-doctoral fellowship. E. Meineke, 2017

Marie Curie Post-doctoral fellowship. D. Hewins, 2016, declined

Sigma Xi grant in aid of research. K. Rewcastle, BS, 2014; S. Wood, BS, 2013

US National Science Foundation GROW fellowship. L. Moorhead, PhD, 2014

US National Science Foundation EAPSI fellowship. J. Henning, PhD, 2014

US Department of Energy Marvin L. Wesley Award. M. Cregger, PhD, 2012; C. Iversen, PhD, 2008

American Association of University Women fellow. L. Souza, post-doc, 2011

US Department of Defense, SMART fellow. M. Cregger, PhD, declined

US Department of Energy GREF fellowship. M. Cregger, PhD, 2008; C. Iversen, PhD

US National Science Foundation Dissertation Improvement Grant. C. Iversen, PhD, 2007

Graduate Committees

Rotations, External Committee Member & Examiner

Anna Crofts, PhD, Université de Sherbrooke, Sherbrooke, Quebec, Canada (2024); McKenzie Smith, PhD, Tulane University, New Orleans, Louisiana (2022-24); Evan Perkowski, PhD Texas Tech University, Lubbock, Texas (2023); Sydne Spinella, MS U-Texas El Paso, Texas (2022); Fiona Jevon, PhD Dartmouth College, New Hampshire (2020); Julia Kemppinen, PhD U-Helsinki, Finland (2020); Pernilla Borgström, PhD Swedish U-Agricultural Sciences, Sweden (2017); Kirk Barnett, PhD Western Sydney University, Australia (2017); Gesche Blume-Werry, PhD Umeå University, Sweden (2016); Nathaly Guerrero Ramirez, PhD iDiv, Germany (2016); Anna Stern Gren, PhD Lund University, Sweden (2014); Erin Cameron, PhD U-Alberta, Canada (2013); Christopher Habeck, PhD U-Wisconsin (2009); Shannon Pelini, PhD U-Notre Dame, Indiana (2008)

Committee Member

U-M current	Hitaishi Desai, PhD SEAS (2024-); Quinn Moon, PhD EEB (2024-); Larissa Oliveira, PhD EEB (2025-now); Hanna Petroski, PhD EEB (2026-); Lydia Fuller-Hall, MS EEB (2026-); Annie Cress, U Texas PhD (2026-)
U-M 2020-26	Julia Eckberg, PhD EEB; Samuel Schaffer-Morrison, PhD EEB; Jennifer Wen, MS SEAS; Grace Zhang, PhD EEB
UVM 2019-24	Rosaura Chapina, PhD; Lindsey Pett, PhD; Natalia Aristizabal, PhD; Amanda Northrop, PhD
U-Copenhagen	Carla Brenda Maldonado Goyzueta, PhD, 2016
UTK 2016-18	Quentin Read, PhD; Lacy Chick, PhD; Sara Kuebbing, PhD; Rafael Zenni, PhD; Jeremy Chandler, PhD Micro; Melissa Burt, MS; Denise Kendall, PhD; Katie Stuble, PhD; Noelia Barrios, PhD; Amanda Alison, MS; Keith Post, PhD; Emmi Felker-Quinn, PhD; Joe Hughes, PhD; Jarrod Blue, MS; Greg Crutsinger, PhD; Lara Souza, PhD; Windy Bunn, MS; Martin Nuñez, PhD

Undergraduate Advising & Mentoring

U-Michigan Honors Students

2025	Anna Wootton (EEB), Peter Falb (EEB), Kate Fitzsimmons (Chem)

Honors Student Committees

U-M 2025-	Anya Renzi (EEB), Lena Reeves (PiTE/EEB), Kari Taylor (EEB)
U-M 2023-25	Ellie Keessen (EEB), Joanna Livingston (EEB), Nick Hyslop (PiTE), Annie Cress (EEB)
U-M 2022	Samantha King (SEAS), Eva Schwartz (EEB)
UVM 2018-21	Olivia Vought, Laura Pinover, Gordon Coates, Julia Pupko, Colleen Yancey

Current Undergraduate & High School Researchers

U-M 2025-	Julianna Izzard (UM, Abe Scholar); Kari Taylor (UM)
U-M 2024-	Lena Reeves (UM); Paige Schuiling (UM)

Former Undergraduate & High School Researchers

U-M 2025	Ada LaTarte (U-Washington); Dylan Tremba (UM); Lana Gaspard (U-Louisiana); Sarah Bungard (Ohio State)
U-M 2021-24	Benjamin Barney (Columbia University); Ada LaTarte (St. Paul Academy, Minnesota); Noah Manuszak (UM), Zoraya Piedra (Webster University); Emma Waldron (Mt. Holyoke College); Christopher Twig (UM); Marlana Peek (UM); Ariel Lindholm (UM)
U-M 2021-22	Julia Klinkman (UM, UROP); Sophia Arbani (UM); Lily MacKrell (UM); April Bermudez (UC Riverside), Paola Cruz-Martinez (Purchase College)
UVM 2014-21	Olivia Vought (UVM); Siobhan Calhoun (U-Pennsylvania); Bailey Sharon (Western State); Ashley Silver (U-Toledo); Alex Linter (Pomona College); Rowan Pannier (UVM); Finn Quan-Shau (UVM); Carri Finkelstein (UVM); Allyssa McCutcheon (UVM); Gordon Coates (UVM); Laura Pinover (UVM); Joscie Norris (UVM); Nichole Crothers (UVM); Karin Rand (UVM); Natalie Elizabeth Bingham (UVM); Zoe Albion, Allie Pankoff, Calla Sopko, Maya Dizack, Anna Malvin (UVM); Tom DeMouth (UVM); Caitlin Gosciminski (UVM)
U-Copenhagen	Rowan Pannier (Crested Butte High School, CO); Raina Fitzpatrick (Haverford College); Ben Miller (UT); Brennan Flanagan (UT); Silvia Iradukunda (UT); Sarah Ottinger (UT); Helen Law (UT); Wyatt Arnold (U-Chicago); Magnus Heide Andreasen (KU)
UTK 2009-15	Peter Meidl (UT); Monique Garett (Humboldt State); Kenna Rewcastle (UT/KU); Sara La Haie (UT); Sneha Patel (UT); Kent Cornell (UT); Nick Hendershot (UT); Brandy Pieper (UT); Nora Dunkirk (UT); Jaime Call (UT); Su'ad Yoon (UT/RMBL); Raina Fitzpatrick (West High School TN); Sarah Wood (UT); Kelsey Richesin (UT); Kelly Giro (UT); Alaina Marinello (UT); Corinne Calhoun (Pomona College); Courtney Patterson (UT); Matthew Floyd (UT); Katie Sloop (UT); Heather Tran (UT); Amanda Oaks (UT); Katie Park (Maryville University); Minh Tran (Emory); M Stephanie Jensen (UT); Gordon Robinson (UT); Danny Lusk (UT); Matt Olive (UT); Phoebe Wright (UT); Lauren Breza (UT); Jackie Aareson (UT); Tander Simberloff (Smith College); Alix Pfennigwerth (UT); Laura Marsh (UT); Tander Simberloff (West High School TN); Anna Proffitt (UT)
ORNL 2005-08	John Bevans (U-Tampa); Kelly Rula (Bowdoin College); Elizabeth Ferguson (UT); Gloria Jimenez (Carleton College); Vanessa Garcia (Cal State, Fresno); Caitlin Guthrie (Pomona College); Jennifer Burks (Earlham College); Emily Austin (Hampshire College); Emmi Felker-Quinn (Smith College); Melissa Habenicht (UT); Zach Kiershmann (UT); Sarah Kortebein (Farragut High School TN); Onike Mnzawa (UT); Sharon Gray (U of Illinois); Emily Mitchell (Oak Ridge High School TN); Rebecca Roha (Gettysburg College); Marlene Tyner (U of Michigan); Luke Zachmann (U of Minnesota, Morris); Katherine Sides (Northern Arizona University); Katrina Cox (Pellissippi Community College); Kerri Crawford (UT); Caroline DeVan (UT); Sam Freyaldenhoven (Hendrix College)

TEACHING

University of Michigan

Course	Terms
Senior Ecology & Evolutionary Biology capstone class	Fall 2022, Winter 2024, 2025, 2026
Undergraduate Research	2022, 2023, 2024, 2025, 2026
Graduate Ecology (co-instructor)	2024
Undergrad/Grad Seminar	2023, 2026

International & External Courses

Course	Institution	Year
Microbiomes and Global Change	U-California, Irvine	2019
Soil Ecology and Planetary Boundaries	Wageningen University, The Netherlands	2016
Science writing and editing	Aarhus University, Denmark	2015

Course	Institution	Year
Communicating science	Estonian University of Life Sciences, Estonia	2015
Communicating science	Hunan, China	2014
Global change and biogeography	Peking University, China	2013
Coupled natural and human systems in a changing world Honors Class	Costa Rica	2013

University of Vermont

Course	Level	Years
Junior/Senior seminar	BA/BS	2020
Ecosystem Ecology	BA/BS/MS/PhD	2018-20
Research in Ecology	BA/BS	2019-20
Ecology, Ecosystems, and Environment	BA/BS	2017-20

University of Copenhagen

Course	Level	Years
Climate Change Impacts Adaptation and Mitigation		2015-16
Climate change and biodiversity (co-taught)	MS/BS	2015-16
Plant-herbivore interactions (co-taught)	MS	2014-15
Nature management (co-taught)	MS	2014-15

University of Tennessee

Course	Level	Years
Ecosystem ecology laboratory	BS	2010-14
General ecology	BS	2009-14
Ecosystem ecology	BS	2008-14
Ecology & global change seminar		2008-14
Graduate independent study	MS/PhD	2008-14
Undergraduate research		2008-14
Undergraduate independent study		2008-14
Advanced ecology (co-taught)	MS/PhD	2010-13
Ecology & evolutionary biology seminar	MS/PhD	2005-14
Mycorrhizal ecology	BS	2005-14
Graduate seminar on writing		2005-14
Science Education seminar	PhD	2009-10
Advanced ecosystem ecology	BS	2011
Introduction to faculty research	MS/PhD	2008-09

INVITED TALKS, PRESENTATIONS & PANELS

Keynotes & Plenaries

2026	Keynotes (2), Center for Ecology and the Environment annual student-run Spring Symposium, University of Wisconsin
2024	Keynote, US Department of Energy, Washington, DC
2024	Highlighted speaker, U-Michigan's "Look to Michigan" campaign kickoff
2022	Keynote, Evolution, Climate Change and Infectious Disease Symposia, U-Michigan
2022	Keynote, Université de Montréal, 100th anniversary of the département de sciences biologiques de l'UdeM celebration, Canada
2022	Keynote, Cornell University, "Celebrating 65 years of biogeochemistry at Cornell-Learning from the past to inform the future" special seminar series
2020	Keynote, Jack and Pat Bryan Distinguished Lecture, Syracuse University
2020	Plenary speaker, American Society for Microbiology (ASM) (postponed)
2018	Plenary speaker, American Society for Microbiology
2017	Keynote, The US Department of Energy TES/SBR meeting, Washington DC
2017	Keynote, The 2nd Global Soil Biodiversity Conference, China

2015	Keynote, Natural History Museum of Denmark "Science Gala, Vin & Videnskab", Denmark
2015	Keynote, Danish Oikos meetings, Denmark
2014	Keynote, Ecological Society Conference on Carbon, UK

Invited Seminars, Panels & Presentations

2026	Invited talks: Penn State University, PA (2); University of Michigan Retiree Association, Washtenaw Community College, Ann Arbor, MI
2026	Presenter, University of Michigan Board of Regents
2025	Invited talks: U-Georgia, Plant Biology Department, GA; U-Miami, Department of Biology, FL; Cary Institute for Ecosystem Studies, NY; Douglas Lake Improvement Association, MI; Bert Lake Preservation Association, MI
2025	Invited panelist, Ecological Society of America, Panel on Careers at Field Stations and Marine Labs, Baltimore, MD
2024	Invited talks: Michigan State, Ecology & Evolutionary Biology, MI; Kellogg Biological Station, MI; Douglas Lake Improvement Association, MI; Camp Michigania, MI
2024	Presenter, Graduate student recruitment flash talk, Ecology & Evolutionary Biology, U-Michigan
2023	Invited talks: Institute for Global Change Biology, U-Michigan; Douglas Lake Improvement Association
2023	Invited panelist, Career Event for Alpha Tau Pi, a professional biology fraternity, U-Michigan
2022	Presenter, University of Michigan Board of Regents
2022	Invited talks: Michigan Ecology and Evolutionary Biology Society of undergraduates, U-Michigan (fall & winter term); Ohio State University, Department of Biology
2021	Invited panelist & speaker: Stoichiometry in Symbiosis Workshop, Ohio State University
2020	Invited talks: American Geophysical Union, U-Houston (postponed), Cornell University (postponed)
2019	Invited talks: U-Michigan, EEB; U-Michigan, SEAS; Texas Tech University; U-Lincoln, Lincoln, UK; Holden Arboretum, Cleveland, Ohio; McGill University, Montreal, Canada
2019	Invited presenter, Ecological Society of America webinar, Academic Publishing
2019	Invited panelist, Women in Soil Science Event, The U-Vermont
2018	Invited talks: Concordia University, Canada; Harvard Forest, Harvard University; U-Vermont, Department of Biology; U-Michigan
2018	Invited panelist, "getting into graduate school", Rocky Mountain Biological Laboratory
2017	Invited talks: INIBIOMA, CONICET, Universidad Nacional del Comahue, Argentina; The Vermont Agency of Natural Resources; Smith College, USA; The U-New Hampshire; The U-Minnesota; Swedish U-Agricultural Sciences, Uppsala, Sweden; The U-Vermont, Plant and Soil Sciences Department; Doñana Biological Station, Sevilla, Spain; The Gund Institute, The U-Vermont; The U-Vermont, Plant Biology Department; The U-Massachusetts, Department of Microbiology
2016	Invited talks: The U-Vermont, Rubenstein School of the Environment; New Mexico State University, Department of Plant Sciences; Jornada Long Term Ecological Research Station (ARS); German Centre for Integrative Biodiversity Research (iDiv), Germany
2015	Invited talks: U-Notre Dame, Department of Biology; Dartmouth College, Department of Biology; The Villum Foundation, Denmark; Estonian U-Life Sciences, Estonia; Ecological Society of America meeting Organized Oral Session; Global Network of Long-term Observatories on Mountain Social-Ecological Systems, USA
2015	Invited panelist, Women in Science Ethics, Rocky Mountain Biological Laboratory
2014	Invited talks: Henan University, China; U-Copenhagen, Terrestrial Ecology, Denmark; Rocky Mountain Biological Laboratory; "Geek Week" Crested Butte Colorado Science Festival, Colorado; Rocky Mountain Biological Laboratory science series; Ecological Society of America Meetings Organized Oral Session; Natural History Museum of Denmark, Evolutionary Genomics Section, Denmark; Center for Macroecology, Evolution and Climate (CMEC), Denmark; Lund University, Sweden
2013	Invited talks: Institute of Botany, Chinese Academy of Sciences, China; Institute of Geographic Sciences & Natural Resources Research, CAS, China; German Academic Exchange Service & the Alexander von Humboldt Foundation webinar, Germany; Umeå University, Department of Biology, Sweden; U-Alberta, Canada; German Centre for Integrative Biodiversity Research (iDiv), Germany
2011-13	Presenter, USA Science Festival, Washington DC (2013, 2012, 2011)

2012	Invited talks: American Geophysical Union Symposia; Indiana University; Peking University, China; SLU, Umeå, Sweden; Boise State University, Department of Biology; U-New Mexico, Department of Biology; U-British Columbia, Canada; "Geek Week", Crested Butte CO Science Festival
2011	Invited talks: Imperial College London, Silwood Park, UK; U-College London, UK; Developing International Geoarchaeology Conference, Tennessee; The Ecological Society of America, Symposia; U-Kentucky; Scottish Crop Research Institute, Scotland
2010	Invited talks: The Ecological Society of America meeting, Organized Oral Session; U-Copenhagen, Department of Biology, Denmark; Netherlands Instituut voor Ecologie, The Netherlands; U-Copenhagen, Ecology & Evolutionary Biology, Denmark; The Naturalist Club of Tennessee
2009	Invited talks: Department of Energy, Program for Ecosystem Research, Washington DC; Maryland American Association of University Women Conference; U-North Carolina, Asheville; Center for Macroecology and Evolution, Denmark; Alabama A&M University; League of Women Voters Knoxville, Tennessee
2006-08	Invited talks: Cornell University, New York; Department of Energy, Biological & Environmental Research, Global Change Education; U-Tennessee, Knoxville; Appalachian State University; Ecological Society of America symposia; Department of Energy, Program for Ecosystem Research workshop on precipitation, Denmark; Harvard Forest, Harvard University
2006	Invited panelist, US Department of Energy Day of Science participant to attract underrepresented students into scientific professions
2002-04	Invited talks: U-Notre Dame; Oak Ridge National Laboratory; Humboldt State University; Redwood Sciences Laboratory, US Forest Service

Selected Contributed Talks, 2008-present

American Association for the Advancement of Science: AAAS (1); American Geophysical Union (>17); American Society for Microbiology (>5); Argonne National Laboratory Soils Workshop (2); Association of Southeastern Biologists (4); Botanical Society of America (1); British Ecological Society (>1); Dissertations Initiative for the Advancement of Climate Change Research Symposium (1); Ecological Society of America (>70); Ecological Society of Japan (1); Ecology of Microorganisms (2); Enzymes in the Environment (2); EuroSoils (1); EUReCA Undergraduate Research Fair (11); European Geosciences Union (>4); Global Soil Biodiversity Conference (2); Goldschmidt Conference (1); International Association of Landscape Ecologists World Congress (1); International Congress of Entomology (2); International Society for Microbial Ecology: ISME (2); International Society of Microbiology (1); Joint Meeting of the Society for Range Management and the American Forage and Grassland Council (1); Microbes as Important Drivers of Soil Processes meeting (1); Mid-Atlantic States Mycology Conference (2); National Academies of Sciences Frontiers of Science Symposia (2); Oikos meeting (2); Soil Ecology (11); Soil Science Society of America (6); South Eastern Population Ecology and Evolutionary Genetics Conference (1); Southern Appalachian Man and the Biosphere Conference (1); Southern Forest Tree Improvement Conference (1); Southwestern Association of Biologists (4); Women Evolving the Biological Sciences Symposia (1)

BOARDS & ADVISORY ROLES

2018-present **Scientific Advisory Board, Netherlands Institute of Ecology**, The Netherlands

- Elected by the Royal Academy of Arts and Sciences to advise the Netherlands Institute of Ecology's management team on strategy, science vision, and activities
- Assisted with Institute self-study and external review, 2023
- Search committee, Director of the Terrestrial Ecology Group, 2024
- Search committee, Assistant Professor of the Terrestrial Ecology group, 2024

2022-present **Board member, Collaborative Earth** (formerly Earthshot Institute)

- Strategic planning
- Leadership advisor

2026- **Kellogg Biological Station LTER, Michigan State University, Science Advisory Board** member

- Advisor on strategic planning for next proposal
- Conducted a site review in Sept 2026

2026- **Jasper Ridge Biological Preserve** ('Ootchamin 'Ooyakma), **Stanford University, Senior Advisory Board**

- Advisor on research, education, and stewardship

2016-22 **Board of Trustees, Rocky Mountain Biological Laboratory**, Gothic, CO

- Developed & implemented research, education, DEI, and community engagement strategic plan; oversee budget & infrastructure decisions
- Strategic planning committee, 2017-20
- Chaired Diversity, Equity & Inclusion committee, 2019-20
- Research evaluation committee, 2019-20

- Evaluated the Executive Director, 2016-20
- Board self-evaluation committee, 2016-20
- Facilities committee, 2016-20; Chair, research vision committee, 2017-19; Chair, facilities committee, 2016-17; Research committee, 2014-16

2018-21 Steering committee, Functional Ecology of Alpine Plants Global Network

2007-10 Steering committee, Terrestrial Ecosystem Response to Atmospheric and Climatic Change (TERACC)

EDITORIAL & SCIENTIFIC SERVICE

Editorial Board & Journal Service

2027-present **Associate Editor, *Annual Review of Ecology, Evolution, and Systematics***

- Journal ranks 3rd out of all Ecology & Evolutionary Biology Journals

2021-26 Editorial Committee, *Annual Review of Ecology, Evolution, and Systematics*

2026 Manuscript Editor, *Proceedings of the National Academy of Sciences* (PNAS)

2011-22 Editorial board, *Ecology* & *Ecological Monographs*

2021 Visiting Editorial committee, *Annual Review of Ecology, Evolution, and Systematics*

2017-18 Special Issue Guest Editor, *Functional Ecology*

2012-16 Editorial Board, *Ecology Letters*

2014-16 Associate Editor, *Journal of Plant Ecology*

2012 Guest Editor, *Ecosphere*

2012-13 Committee member, Ecological Society of America committee, envision ESA journals' futures

External Review & Advisory Service

2026 External Reviewer, Itasca Biological Station and Laboratories, University of Minnesota

2026 External Reviewer, Kellogg Biological Station LTER Program

2024-25 Co-chair, The US Department of Energy: Designing Future Ecosystem Experiments Part 1: Lessons Learned from Ecosystem-scale Experimental Field Studies Workshop

2019 External Reviewer, Program in Evolution, Ecology, & Biodiversity, College of Biological Sciences, U-California, Davis, CA

2011-13 Member, Douglas Distinguished Lectureship committee, Rocky Mountain Biological Lab

2012 Member, Research Center equipment committee, Rocky Mountain Biological Lab

Select national agency review panels

US National Science Foundation (2020); US Department of Energy (2018); European Union BiodivERsA ERA-NET (2015-16); US National Science Foundation (2011); US National Ecological Observatory Network site reviewer (2007)

Reviewer, tenure and/or promotion

2026 USA R1 institution ×3 tenure, 1 promotion

2025 USA R1 institution ×3

2024 USA R1 institution ×3

2023 Regents professor ×1; USA R1 institution ×4; International R1 institution ×1; USA R1 research organization ×2

2022 International research institution ×1; USA R1 institution ×2; Regents professor ×1

2021 USA R1 academic institution ×3; USA PUI ×1; research institution ×1; Regents professor ×1

2020 USA R1 institution ×2; International R1 institution ×1

2019 International R1 institution ×1; USA R1 institution ×3; USA research institution ×1

2018 USA R1 institution ×2

2017 USA R1 institution ×2

2015 USA R1 institution ×1

Selected Organized & Invited Working Groups

2025-26 Organized quarterly workshop (3×), MicrobeNet^Net, virtual

2025 Organized colloquium, MicrobeNet^Net, Knoxville, Tennessee

2024 Organized & panelist, Changing Michigan Winters: Winter, Water Wonderland. U-Michigan, LSA Sustainability

2024 Organized, Ecosystem Consequences of Changing Winters in the Anthropocene, Department of Energy ESS PI Meeting, Washington, DC

2024	Invited, Invasive ant impacts on ecosystem function, Sevilla, Spain
2023	Invited, Biotic modulators of plant community resistance and resilience to global changes–Synthesis of the current knowledge and future directions. University of Oulu, Finland
2021	Invited, Stoichiometry in Symbiosis Workshop, Ohio State University
2020	Organized, Tipping the Scales: Strategy And Tactics For Successful Manuscript Submissions, ESA Annual Meeting, co-organizer
2020	Invited, Creating a framework to interpret and model plant and mycorrhizal fungal traits at the global scale, NIMBioS, U-Tennessee
2018, 2019	Invited, The Living Earth Collaborative Parasite-Ecosystem, Washington University, Missouri
2018	Organized, WaRM Warming and species Removals in Mountains workshop, Vermont
2018	Invited, Enhancing Long-Term Soil Carbon Sequestration by Ectomycorrhizal Fungi, U-Michigan
2017	Organized, INTERFACE Microbial Carbon Cycling workshop, Vermont
2016	Organized, Warming and species Removals in Mountains workshop, Denmark
2016	Organized, INTERFACE-ClimMani workshop on tipping points, Italy
2016	Invited, ClimFun Fungal Communities under global change symposia, Denmark
2016	Organized, Frontiers in terrestrial climate feedbacks workshop, INTERFACE
2015	Invited, Climate models revisited: mycorrhizal dynamics, Royal Academy, The Netherlands
2015	Invited, Tropical Plant Collections: Legacies from the past?, Royal Danish Academy, Denmark
2015	Invited, Ecological Society of America Organized Oral Session
2015	Invited, American Geophysical Union, Symposia on data-model fusion
2015	Organized, Global Network of Long-term Observatories on Mountain Social-Ecological Systems
2014	Invited, Using results from global change experiments to inform land model development, China
2014	Invited, The US National Academy of Sciences Frontiers of Science & Engineering Promising Young Scholar program, Brazil
2014	Invited, Biodiversity and forest management workshop, U-Copenhagen, Denmark
2013	Invited, The US Department of Energy's workshop on Research for Sustainable Bioenergy
2013	Organized, INTERFACE, Scaling across space and time, Czech Republic
2012	Invited, Understanding Biodiversity & Climate Change, German Academic Exchange Service
2012	Invited, National Socio-Environmental Synthesis Center (SESYNC), workshop, U-Michigan
2011	Organized, INTERFACE, Nutrient constraints on the net carbon balance, Iceland
2011	Organized, INTERFACE, How do we Improve Earth System models?, Florida
2011	Invited, National Institute for Mathematical and Biological Synthesis, linking plants and soil
2010	Invited, Oak Ridge National Laboratory, Laboratory Directed Research & Development Initiative
2009	Invited, US Department of Energy & US National Science Foundation, long-term global change experiments
2009	Organized, Optimizing soil process representations in climate models. Oak Ridge, Tennessee
2008	Invited, Department of Energy, The Next Generation of Climatic Change Experiments
2008	Invited, NSF ADVANCE, Women Evolving Biological Sciences
2006	Invited, US National Academy of Sciences, Kavli Frontiers of Science, Promising Young Scholar Program
2006	Organized, Ecological Society of America Symposia, data-model integration
2006	Invited, Effects of precipitation change on terrestrial ecosystems, Denmark
2006	Invited, How to succeed in ecology, Ecological Society of America
2005	Invited, Terrestrial Ecosystem Response to Atmosphere and Climate Change, DOE
2005	Invited, European Geosciences Union, symposia on neutrons in science, Austria

INSTITUTIONAL LEADERSHIP & SERVICE

University & College Leadership

2026-present	Member, Native American & Indigenous Affairs Implementation Working Group, U-Michigan
2025-present	Member, Office of the Vice Provost Curricular Lead Hiring Committee, U-Michigan
2023-26	Member, Executive committee, The Graham Institute, U-Michigan
2025-26	Member, Campus as Lab faculty research working group, U-Michigan

2024 Member, Provost's Hiring committee, Vice Provost of Climate Action & Sustainability

2020-23 Member, Biosciences Initiative Coordinating committee

- Selected as a University Leader in the Biosciences to strengthen research & education in biosciences across U-Michigan through strategic leadership, coordination & alignment across the campus

2022-23 Member, U-Michigan Development Campaign committee

- Developed strategic areas for university development campaign focused on Environmental Change

2021-22 Member, College Carbon Neutrality facilities team

- Guided the vision to take the College of LSA facilities carbon neutral

2021-22 Member, Mid-career Biosciences Faculty Achievement Recognition committee, U-Michigan

2020 Member, Search committee, Vice President of Research, U-Vermont

2019-20 Co-chair, Graduate Program Review committee, Rubenstein School, U-Vermont

2019-20 Member, Rubenstein School Faculty Standards committee, U-Vermont

2017-18 Chair, Academic Benchmarking committee, Rubenstein School, UVM

2011-12 Member, College of Arts & Sciences Dean's Advisory Council, U-Tennessee

2009-11 Member, University-wide Governors Chair search committee, U-Tennessee

University & College Service

2025 Marshal, Honors Convocation, U-Michigan

2024-25 Member, Climate and Space Sciences & Engineering Assistant Professor 3rd year review committee, U-Michigan

2022-24 Mentor, U-Michigan Collegiate Fellow, Mia Howard

2023 Member, U-Michigan LSA Carbon Neutrality Program Manager Search Committee

- Hired a leader to help take the College of Literature, Science, and the Arts (LSA) carbon neutral

2023 Member, Faculty 3rd year review Committee, School for Environment and Sustainability, U-Michigan

2022 Member, Faculty 3rd year review Committee, School for Environment and Sustainability, U-Michigan

2022 Program Reviewer, Keck Foundation Research Program, U-Michigan

2022-23 Mentor, Michigan Fellow, Roberto Márquez, U-Michigan

2022 Member, Working Group Committee, The Institute for Global Change Biology, U-Michigan

2017-20 Member, College Graduate Student Standards Committee, U-Vermont

2017-20 Affiliated Faculty, Quantitative and Evolutionary STEM Training Program, U-Vermont

2017-20 Affiliated Faculty, Food Systems Graduate Program, U-Vermont

2017-18 Member, NEON Soil sensor Technical Working group

2012-14 Member, University Natural Sciences Undergraduate Affairs committee, U-Tennessee

2011-15 Faculty Affiliate, Initiative for Quaternary Paleoclimate Research, U-Tennessee

2011-14 Mentor, Program for Excellence & Equity in Research, U-Tennessee

2011-13 Faculty Affiliate, Bredesen Center for Interdisciplinary Research & Graduate Education, TN

2009-10 Member, University committee for women, U-Tennessee

2006-07 Member, National Ecological Observatory Network (NEON) committee, U-Tennessee

Departmental Service

2024-26 Member, Departmental Graduate Affairs Committee, U-Michigan

2021-present Mentor, Departmental Junior Faculty, U-Michigan

- Thais Vasconcelos (2022-present), André Green (2021-present), Mia Howard (2024-present)
- Kelly Speer (2023-24)

2024-25 Member, Faculty Launch Committee, Mia Howard, U-Michigan

2024 Member, Departmental Faculty Tenure Report committee, U-Michigan

2023 Member, Departmental Faculty Tenure Report committee, U-Michigan

2023-24 Member, Departmental Awards committee, U-Michigan

2022 Chair, Departmental Faculty Tenure Report committee, U-Michigan

2021 Chair, Departmental Faculty Tenure Report committee, U-Michigan

2021-23 Chair, Departmental Retreat committee, U-Michigan

2021-22 Member, Frontiers Master's Admission committee, Ecology & Evolutionary Biology, U-Michigan

2021 Member, Departmental Faculty 3rd Year Review committee, U-Michigan

2015-18 Chair, Outreach & Engagement committee, Center for Macroecology, U-Copenhagen

2015	Chair, Disease Ecology Faculty Search committee, U-Copenhagen
2012-15	Member, Departmental Executive committee, U-Tennessee
2012-13	Member, Department Head Search committee, U-Tennessee
2008-11	Member, Departmental Undergraduate Curriculum committee, U-Tennessee
2010	Member, Department Ecology Faculty Search committee, U-Tennessee
2007	Mentor, Historically Black Colleges & Universities, Minority Education Institutions Research Program, Oak Ridge National Laboratory
2006	Mentor, Southeastern Consortium for Minorities in Engineering & Science, ORNL

PUBLICATIONS

Google Scholar: citations 21,550; h-index 61; i10-index 119 (as of September 2026)

Classen underlined; lab members in bold. *undergraduate student, **graduate student, †postdoc, ‡research lab member, §visiting researcher; at time of contribution

Peer-Reviewed Publications

Full drafts

Eliška Kuťáková, Emily Ehgartner, Bowen Li, Kohsuke Tanigawa, Maja Sundqvist, David A. Wardle, Aimée Classen, Paul Kardol (in draft) The non-linear warming response of meadow plant communities and their soil characteristics.

In Review or Revision

Chen B, Fu Z, Huang Y, Wang S, Chen Z, Fang K, Chen S, Desai AR, Domec J-C, Rodeghiero M, Calvet J-C, Classen AT, Lu X, Manco A (in review) Uncovering critical thresholds of root-zone soil moisture for plant water stress in terrestrial ecosystems.

Classen AT, **Fitzsimmons K***, **Thornberry I**‡**, Adair EC, **Den Uyl J**‡**, Nadelhoffer K, **Hernandez B****, **Rand K**‡**, **Landsman-Gerjoi M**‡ (in revision) Contrasting effects of long-term leaf litter and nitrogen inputs on soil carbon, respiration, and organic matter composition.

DeMalach N, MacDougall A, Borer E, Atkinson J, Salguero-Gomez R, Godoy O, Clark AT, Peri P, Lucas J, Millett J, Classen AT, Chung A, Sanders N, Li D, Hersch-Green E, Thornley R, Peñuelas J, Moreira B, Seabloom E, Roscher C, McCarthy J, Dwyer C, Gross O, Fenster C, Gusman Montalvan E del C, Velez Mora DP, Wagg C, Meglioli P, Harpole S, Holub P, Ries O'Halloran L, Brudvig L, Tognetti PM, Chaudhary T, Slette I, Kandlikar G, Petri L, Sullivan L, Osborne B, Ochoa Hueso R, Le Galliard J-F (in revision) Disturbance expands the climatic limits of annual plant dominance.

Eskelinen A, Andrzejak M, Harpole WS, Harrison S, Classen AT, Jessen MT, Laine AL, Pichon N, Risch A, Alexander J, Zarnetske P, Korell L (in revision) Biotic modulators of global change effects on plant communities.

Foster J, **Pastore M**†, **Rand K**‡, **English M**‡, Classen AT, King D, Lutz D, Nelson S, D'Amato AW, Adair C (in review) Climatology of cold-air pooling and thermal belt formation in montane watersheds and forests of the Northeastern US from MODIS data.

Leon I**, **Vought O****, Veenendaal J, Classen AT, Deslippe JR (in review) Warming constrains invasion-driven carbon gains in alpine ecosystems.

Shulman HS†, Classen AT, Breckheimer I, Dong W, **Falb P***, Henderson A, Inouye DW, Shin EJ, Sorensen P, **Vought OK****, Kivlin SN (in revision) Warming winter disrupts mycorrhizal phenology and plant-fungal nutrient cycling.

Talab M**, Classen AT, O'Neill B, Umaña MN (in review) Century-old land-use legacies outweigh hurricane disturbance in shaping soil microbial functioning in a tropical forest.

Tanigawa K**, Jämtgård S, Classen AT, Wardle DA, Kardol P (in revision) Non-linear warming responses and thresholds of soil microbial processes across a subarctic ecotone.

Vanderschoot M, Ibáñez I, Clark R, Clark E, Classen AT (in review) Higher fall precipitation rather than high summer temperature negatively impacts *Thuja occidentalis* growth at the hemi-boreal subzone.

Vought OK**, Sanders NJ, Ibáñez I, Sundqvist MK, Wardle DA, Classen AT (in review) Warming and dominant species act independently on plant biomass and stability over 12 years.

Wang J, DE Reed, AT Classen, A Knohl, A Varlagin, A Ouimette, AR Desai, B Heinesch, CV Hanson, CM Gough, C Still, D Bonal, D Yakir, D Baldocchi, ES Tuittila, EP Sanchez-Cañete, E Vivoni, E Euskirchen, G Manca, G Starr, G Simioni, JM Limousin, J Wood, J Chen, J Dušek, L Sigut, L Montagnani, L Gu, MA Arain, MS Bret-Harte, M Schmidt, M Ueyama, M Peichl, M Rodeghiero, N Delpierre, N Buchmann, PD Blanken, RM Staebler, SL Malone (in revision) Compensating thermal acclimation dampens warming-induced ecosystem respiration.

In Press

144. **Vought OK****, Sanders NJ, Ibáñez I, Sundqvist MK, **Henning JA****, **Prager CM**†, **Read QD****, **Rewcastle KE****, Classen AT (in press) Effects of warming and dominant species removal on plant biomass are driven by early-season production. *Ecology*

2026

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