

KAREN A. STAHLHEBER

Natural and Applied Sciences; University of Wisconsin – Green Bay
2420 Nicolet Drive; Green Bay, WI 54311-7001

Email: stahlhek@uwgb.edu

Phone: (920) 465-2283

Website: www.karenstahlheber.com

EDUCATION

- 2013 Ph.D. Ecology, Evolution and Marine Biology University of California Santa Barbara
2007 B.A. Environmental Studies/Biology, Middlebury College

PROFESSIONAL APPOINTMENTS

- 2021 – present Associate Professor, Department of Biology (Natural and Applied Sciences),
University of Wisconsin – Green Bay
2016 – 2021 Assistant Professor, Department of Biology (Natural and Applied Sciences),
University of Wisconsin – Green Bay
2014 – 2016 Postdoctoral Associate, W. K. Kellogg Biological Station, Michigan State
University

PUBLICATIONS (*indicates undergraduate students)

Ladwig, L. M., J. J. Henn, **K. A. Stahlheber** & S. J. Meiners. In prep. Cold tolerance of overwintering seeds in temperate grasslands. *Ecology*.

Stahlheber, K. A., R. D. Jackson & K. L. Gross. In prep. Plant species diversity and yield stability in experimental fields of perennial bioenergy crops. *Plant Ecology*.

Stahlheber, K. A., N. M. Molinari and C. M. D'Antonio. In revision. Native bunchgrass expansion driven by soil type and cattle grazing in California oak savannas. *Forest Ecology and Management* (special issue on savanna/woodland restoration).

Fermanich, K., M. Meyers, L. Loken, M. Bischoff-Gray, R. Turco, **K. A. Stahlheber**, L. F. Duriancik, M. Dornbush & M. Komiskey. Accepted. Challenges in linking soil health to edge-of-field water quality across the Great Lakes Basin. *Journal of Environmental Quality*.

Olson, C. R., K. L. Schmude, J. J. Dimick, **K. A. Stahlheber**, P. S. Forsythe, C. J. Houghton. 2022. Benthos of Green Bay, Lake Michigan revisited after 40 years: a temporal update and assessment of environmental associations. *Journal of Great Lakes Research* 48(2): 526-537.

Emery, S. M., L. Bell-Dereske, **K. A. Stahlheber** and K. L. Gross. 2022. Arbuscular mycorrhizal fungal community responses to drought and fertilization in switchgrass stands. *Applied Soil Ecology* 169:104218.

Stahlheber, K. A., J. Lindquist*, P. D. Drogosh*, D. Pennington and K. L. Gross. 2020. Predicting productivity: A trait-based analysis of variability in biomass yield among switchgrass feedstock cultivars. *Agriculture, Ecosystems & Environment* 300:106980.

C. M. Tyler and **K. A. Stahlheber**. 2020. California oak savannas and grasslands. In Goldstein, M. and D. DellaSala, editors. *Encyclopedia of the World's Biomes* (Volume 3). Elsevier.

Emery, S. M., **K. A. Stahlheber** & K. L. Gross. 2020. Drought minimized nitrogen fertilization effects on bioenergy feedstock quality. *Biomass & Bioenergy* 133: 15452.

Knapp, D. A., J. J. Knapp, **K. A. Stahlheber** and T. Dudley. 2019. A little goes a long way when controlling invasive plants for biodiversity conservation. Pages 643- 650 in C. R. Veitch, M. N. Clout, A. R. Martin, J. C. Russell, and C. J. West, editors. *Island invasives: scaling up to meet the challenge. Proceedings of the international conference on island invasives 2017*. IUCN, International Union for Conservation of Nature.

Koerner, S. E., M. D. Smith, D. E. Burkepile, N. P. Hanan, M. L. Avolio, S. L. Collins, A. K. Knapp, N. P. Lemoine, E. J. Forrestel, S. Eby, D. I. Thompson, G. Aguado-Santacruz, J. P. Anderson, M. Anderson, A. Angassa, S. Bagchi, E. S. Bakker, G. Bastin, L. E. Baur, K. H. Beard, E. A. Beaver, P. J. Bohlen, E. H. Boughton, D. Canestro, A. Cesa, E. Chaneton, J. Cheng, C. M. D'Antonio, C. Deleglise, F. Dembélé, J. Dorrough, D. Eldridge, B. Fernandez-Going, S. Fernández-Lugo, L. H. Fraser, B. Freedman, G. García-Salgado, J. R. Goheen, L. Guo, S. Husheer, M. Karembé, J. M. H. Knops, T. Kraaij, A. Kulmatiski, M. Kytöviita, F. Lezama, G. Loucougaray, A. Loydi, D. G. Milchunas, S. Milton, J. W. Morgan, C. Moxham, K. C. Nehring, H. Olf, T. M. Palmer, S. Rebollo, C. Riginos, A. C. Risch, M. Rueda, M. Sankaran, T. Sasaki, K. Schoenecker, N. L. Schultz, M. Schütz, A. Schwabe, F. Siebert, C. Smit, **K. A. Stahlheber**, C. Storm, D. J. Strong, J. Su, Y. V. Tiruvaimozhi, C. Tyler, J. Val, M. L. Vandegehuchte, K. E. Veblen, L. T. Vermeire, D. Ward, J. Wu, T. P. Young, Q. Yu, T. J. Zelikova. 2018. Change in dominance determines herbivore effects on plant biodiversity. *Nature Ecology and Evolution* 2: 1925-1932.

Emery, S. M., E. R. Kinnetz, L. Bell-Dereske, **K. A. Stahlheber** and K. L. Gross. 2018. Low variation in arbuscular mycorrhizal fungal associations and effects on biomass among switchgrass cultivars. *Biomass and Bioenergy* 119:503-508.

Landis, D., C. Gratton, R. Jackson, K. Gross, D. Duncan, C. Liang, T. Meehan, B. Robertson, T. Schmidt, **K. A. Stahlheber**, J. Tiedje and B. Werling. 2018. Biomass and biofuel crop effects on biodiversity and ecosystem services in the North Central US. *Biomass and Bioenergy* 114:18-29.

Stahlheber, K. A., C. M. D'Antonio and C. M. Tyler. 2017. Livestock grazing effects differ between the oak understory and open grassland in a California savanna. *Rangeland Ecology and Management* 70(3): 316-323.

Stahlheber, K. A., B. Watson, T. Dickson, R. Disney and K. L. Gross. 2016. Balancing biofuel production and biodiversity: harvesting frequency effects on tallgrass prairie depend on plant community composition. *Biomass and Bioenergy* 92: 98-105.

Stahlheber, K. A. 2016. The impacts of isolation, canopy size and environmental conditions on patterns of understory species richness in an oak savanna. *Plant Ecology* 217(7): 825-841.

Mordecai, E. A., N. A. Molinari, **K. A. Stahlheber**, K. Gross, and C. M. D'Antonio. 2015. Controls over native perennial grass exclusion and persistence in annual-invaded California grasslands. *Ecology* 96(10): 2643-2652.

Stahlheber, K. A., K. L. Crispin*, C. Anton* and C. M. D'Antonio. 2015. The ghosts of trees past: savanna trees create enduring legacies in plant species composition. *Ecology* 96(9): 2510–2522.

Stahlheber, K. A. and C. M. D'Antonio. 2014. Do tree canopies enhance perennial grass restoration in California oak savannas? *Restoration Ecology* 22(5): 574-581.

Stahlheber, K. A. and C. M. D'Antonio. 2013. Managing plant composition with livestock: A meta-analysis of grazing in California Mediterranean grasslands. *Biological Conservation* 157: 300-308.

D'Antonio, C. M., **K. A. Stahlheber** and N. A. Molinari. 2011. Grasses and Forbs. Pages 280 – 290 in *Encyclopedia of Biological Invasions* (D. Simberloff and M. Rejmánek, eds.). Berkeley: University of California Press.

GRANTS, FELLOWSHIPS AND AWARDS

2022 University of Wisconsin Green Bay Research Booster Program (\$8576)

2021 US Fish and Wildlife Service National Coastal Program (\$95,870)

2021 National Fish and Wildlife Foundation Sustain Our Great Lakes (\$149,160)

2020 Fox River/Green Bay National Resource Damage Assessment and Restoration Program (\$170,000)

2020 University of Wisconsin Green Bay Summer Research Scholar (\$6224.34)

2019 University of Wisconsin Green Bay Holz Fund Grant (\$6500)

2018 University of Wisconsin Green Bay Grants in Aid of Research (\$900)

2017 University of Wisconsin Green Bay Laboratory and Classroom Modernization Fund (\$3425)

2016 University of Wisconsin Green Bay College of Science and Technology One-Time Funds for Enhancing Student Success (\$46,500)

2016 University of Wisconsin Green Bay Grants in Aid of Research (\$860)

- 2016 University of Wisconsin Green Bay Teaching Enhancement Grant (\$880)
- 2012 Valentine Eastern Sierra Reserve Graduate Student Research Grant (~\$1200)
- 2011 Vernon I. Cheadle Award (\$500)
- 2011 National Science Foundation Doctoral Dissertation Improvement Grant (DEB 1110569, \$13,163)
- 2009 California Native Plant Society Educational Grant Award (~\$500)
- 2009 National Science Foundation Graduate Research Fellowship Program Honorable Mention
- 2008 Mildred E. Mathias Graduate Student Research Grant (~\$10,000)
- 2007 University of California Santa Barbara Dean's Fellowship (\$22,500 plus tuition/fees)
- 2007 Phi Beta Kappa
- 2007 Janet C. Curry '49 Award in Biological Sciences (awarded by Middlebury College)

CONFERENCE PARTICIPATION (*indicates undergraduate students)

- 2022 Ladwig, L. M., M. Seymour, J. J. Henn, **K. A. Stahlheber** and S. M. Meiners. Cold tolerance of prairie plant species during germination. Poster at Ecological Society of America 107th Annual Meeting (August 14-19, Montréal, Québec, Canada).
- 2022 O'Day I.*, K. C. Nikolakakis and **K. A. Stahlheber**. Comparison of soil microbial community impacts on plant growth in Wisconsin and Michigan agricultural soils. Poster at Research in the Rotunda (Mar 9, Madison WI).
- 2020 **Stahlheber, K.A.**, M. Jeffus*, T. Beard* and K. L. Gross. Weed suppression as a mechanism influencing complementarity among switchgrass cultivars (*Panicum virgatum*). Poster at Ecological Society of America 105th Annual Meeting (August 3-7, Salt Lake City UT).
- 2019 **Stahlheber, K. A.** and K. L. Gross. Within-species complementarity in traits can affect weed suppression ability of switchgrass, but does not enhance overall productivity. Oral Presentation at Ecological Society of America 104th Annual Meeting (August 11-16, Louisville KY).
- 2019 **Stahlheber, K. A.**, N. M. Molinari and C. M. D'Antonio. Livestock exclusion impacts the persistence of native and exotic plants in California oak savannas and importance of microhabitat differences. Oral Presentation in Organized Symposium at North American Forest Ecology Workshop (June 23-27, Flagstaff AZ).
- 2019 Poelmann, O.* and **K. A. Stahlheber**. Evaluating the potential use of rain gardens on the University of Wisconsin – Green Bay campus as stormwater mitigation. Poster at University of Wisconsin System Symposium for Undergraduate Research, Scholarly and Creative Activity (April 26, Green Bay WI).

- 2018 Beard, T.*, **K. A. Stahlheber** and K. L. Gross. Do trait differences among *Panicum* cultivars predict productivity in monocultures and mixtures? Poster at Ecological Society of America 103rd Annual Meeting (August 5-10, New Orleans LA).
- 2018 Ostien, K.* and **K. A. Stahlheber**. Soil communities and switchgrass: mycorrhizal and microbial effect on plant growth and phosphorus uptake. Poster at University of Wisconsin System Symposium for Undergraduate Research, Scholarly and Creative Activity (April 20, Green Bay WI).
- 2018 Shrovnal, J. S.*, and **K. A. Stahlheber**. Phosphorus uptake potential of native and invasive plants for use in rain gardens of the Great Lakes. Poster at Green Bay Conservation Partners Spring Roundtable (Apr 19, Green Bay WI).
- 2018 Ostien, K.* and **K. A. Stahlheber**. Soil Communities and Switchgrass: Mycorrhizal and Microbial Effect on Plant Growth and Phosphorus Uptake. Poster at Research in the Rotunda (Apr 11, Madison WI).
- 2017 Rodriguez, B.*, **K. A. Stahlheber** and K. L. Gross. Complementarity and competition among switchgrass varieties in different soil conditions. Poster at Ecological Society of America 102nd Annual Meeting (August 6-11, Portland OR).
- 2017 Knapp, D., J. Knapp and **K. A. Stahlheber**. Do we need a paradigm shift to turn the tide of plant invasions when eradication is not feasible? Oral Presentation at IUCN Island Invasives Conference (July 10-14, Dundee Scotland).
- 2017 Shrovnal, J. S.*, and **K. A. Stahlheber**. Phosphorus uptake potential of native and invasive plants for use in rain gardens of the Great Lakes. Poster at International Association for Great Lakes Research 60th Annual Conference on Great Lakes Research (May 15-19, Detroit, MI).
- 2016 **Stahlheber, K. A.**, N. A. Molinari and C. M. D'Antonio. Oak trees, livestock grazing, and the persistence of native- and exotic-dominated grasslands in California. Oral Presentation in Organized Symposium at Ecological Society of America 101st Annual Meeting (August 7-12, Fort Lauderdale FL).
- 2016 Carey, M.*, **K. A. Stahlheber** and K. L. Gross. Drought and nitrogen fertilizer effects on potential for bioenergy production in two *Panicum* varieties. Poster at Ecological Society of America 101st Annual Meeting (August 7-12, Fort Lauderdale FL).
- 2016 Emery, S. A., **K. A. Stahlheber**, K. L. Gross and C. Rougier. Contrasting responses of two switchgrass varieties to fertilizer and reduced precipitation. Poster at Ecological Society of America 101st Annual Meeting (August 7-12, Fort Lauderdale FL).
- 2016 Carey, M.*, **K. A. Stahlheber** and K. L. Gross. Effect of drought and nitrogen fertilizer on cell wall composition in two switchgrass varieties. Poster at Great Lakes Bioenergy Research Center Annual Science Meeting (May 17-19, Lake Geneva WI).

- 2015 Grantham, K.*, **K. A. Stahlheber** and K. L. Gross. Sorghum growth and development in soils from different switchgrass fields is altered by the presence of an intact soil microbial community. Poster at Great Lakes Bioenergy Research Center Annual Science Meeting (May 19-20, South Bend, IN).
- 2015 **Stahlheber, K. A.**, R. D. Jackson and K. L. Gross. Diversity and stability in experimental fields of perennial bioenergy crops. Poster at Genomic Science Contractors-Grantees Meeting XIII/United States Dept. of Agriculture-Dept. of Energy Plant Feedstock Genomics for Bioenergy Meeting (February 22-25, Tysons VA).
- 2012 **Stahlheber, K. A.** and C. M. D'Antonio. Connectivity between savanna and woodland habitats benefits plant species richness at landscape scales. Oral Presentation at Ecological Society of America 97th Annual Meeting (August 5-10, Portland OR).
- 2012 **Stahlheber, K. A.** and C. M. D'Antonio. Islands of invasion: Influences of oak canopies and competition with annual grasses on perennial grass performance. Oral Presentation at California Native Plant Society Conservation Conference (January 12-14, San Diego CA).
- 2010 **Stahlheber, K. A.** and C. M. D'Antonio. Islands of invasion: Dominance of exotic species near living and dead oak trees (*Quercus* spp.) in California grasslands. Oral Presentation at Mildred Mathias Symposium (February 26-28, Bodega Bay Marine Laboratory CA).
- 2010 **Stahlheber, K. A.** and C. M. D'Antonio. Islands of invasion: Dominance of exotic species near living and dead oak trees (*Quercus* spp.) in California grasslands. Oral Presentation at California Botanical Society Graduate Student Conference (February 13, San Jose CA).
- 2009 **Stahlheber, K. A.** and C. M. D'Antonio. Islands of invasion: Dominance of exotic species beneath oak canopies in California grasslands. Poster at California Native Plant Society Conservation Conference (January 17-19, Sacramento CA).

INVITED TALKS AND PANELS

- 2019 Peer mentoring and student success in introductory biology courses. Local faculty panel at Equity in the Classroom Conference. Wisconsin 60Forward. St. Norbert College (Dec 6, De Pere, WI).
- 2015 Islands of invasion: the lasting legacy of trees on exotic species in California oak savannas. University of Louisville Department of Biology Seminar (February 6, Louisville, KY).

TEACHING EXPERIENCE

University of Wisconsin Green Bay – Natural and Applied Sciences

2020, 2021	First Year Seminar: Tending Nature: Restoring Ecosystems in an Era of Change
2020	Restoration Ecology
2018 – 2022	Ecology and Management of Ecosystems (graduate students)
2018, 2019	Scientific Writing
2018, 2019	Biology Seminar (capstone)
2017 – 2023	Landscape Ecology (graduate students)
2016 – 2023	Principles of Biology – Organisms, Ecology and Evolution
2016 – 2022	Plant Physiology

University of California Santa Barbara - Ecology, Evolution and Marine Biology Department, Environmental Studies Department

2012, 2013	Instructor of Record, Foundations of Ecosystem Restoration
2012, 2013	Teaching Assistant, Tropical Ecology
2012	Teaching Assistant, Plant Biology
2011	Teaching Assistant, Foundations of Ecosystem Restoration
2010, 2011	Teaching Assistant, Ecology and Management of California Wildlands
2010	Teaching Assistant, Agriculture and Biotechnology
2009	Teaching Assistant, Diversity of Life (Introductory Biology Lab)
2009	Teaching Assistant, Plant Ecology
2008, 2009, 2012	Teaching Assistant, Environmental Ecology

Educational Training

2021	Center for the Advancement of Teaching and Learning (UW-Green Bay), Community of Practice for Equity, Diversity and Inclusion in STEM courses.
2020	Center for the Advancement of Teaching and Learning (UW-Green Bay), Intellectual Road Trip.
2017	Center for the Advancement of Teaching and Learning (UW-Green Bay), Teaching and Learning Community on Capstone Experiences.
2015	An Introduction to Evidence-Based Undergraduate STEM Teaching, Online Course developed by the Center for the Integration of Research, Teaching, and Learning (CIRTL), www.coursera.org

- 2013 Certificate in College and University Teaching, University of California Santa Barbara
2010 Plant Taxonomy Teacher Training, California Native Plant Society, Berkeley CA

MENTORING EXPERIENCE

Graduate Committees:

- 2022 Olivia DeCastro, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (internship)
2021 Taylor Hrabak, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (thesis)
2020 Claire Hetzel, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (thesis)
2020 Breann Spencer, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (internship)
2019 Dustin Nelson, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (thesis)
2019 Nicholas Boulanger, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (thesis)
2019 Nicole Shutt, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (thesis)
2019 Jonathan Schubbe, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (thesis)
2018 Christiana Bartelme, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (internship)
2018 Lukas Magee, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (thesis)
2017 Cynthia Nau, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (thesis)
2016 Isabelle George, University of Wisconsin-Green Bay, M.S. in Environmental Science and Policy (thesis)
2016 Binod Bayaz, University of Louisville, Ph.D. in Biology
2015 Erin Kinnetz, University of Louisville, M.S. in Biology

Undergraduates:

- 2021 Tamara Kancoglu, University of Wisconsin Green Bay, Biology Dept, independent research project (Cofrin Research Grant)

- 2020 Malynn Tarczewski, University of Wisconsin Green Bay, Biology Dept, independent research project (Cofrin Research Grant)
- 2020 Isaiah O'Day, University of Wisconsin Green Bay, Environmental Studies Dept., research assistant for course credit
- 2019 Meghan Jeffus, California State Polytechnic University, Pomona, summer research project at Kellogg Biological Station
- 2019 Abby Mader, University of Wisconsin Green Bay, Biology Dept, summer research project (continued in 2020)
- 2019 Hunter Paplham, University of Wisconsin Green Bay, Biology Dept, summer research project for course credit
- 2019 Kyle Hansen, University of Wisconsin Green Bay, Biology Dept, summer research project for course credit
- 2019 Eric Mattos, University of Wisconsin Green Bay, Biology Dept, summer research project for course credit
- 2019 Brandon Byrne, University of Wisconsin Green Bay, Biology Dept, independent research project (NAS Heirloom Plant Fund)
- 2019 Yuntlekalau McLester, University of Wisconsin Green Bay, Environmental Studies Dept, independent study research project for course credit
- 2018 Olivia Poelmann, University of Wisconsin Green Bay, Biology Dept., independent research project (NAS Heirloom Plant Fund)
- 2017 Torél Beard, Michigan State University, Undergraduate Research Apprentice at Kellogg Biological Station
- 2017 Jeremiah Shrovnal, University of Wisconsin Green Bay, Biology Dept., independent research project (NAS Heirloom Plant Fund)
- 2017 Kenzie Ostien, University of Wisconsin Green Bay, Environmental Studies Dept., independent study research project for course credit
- 2016 Bibiana Rodriguez, California State University Sacramento, REU at Kellogg Biological Station
- 2016 Peter Drogosh, Michigan State University, Undergraduate Research Apprentice at Kellogg Biological Station
- 2015 Matthew Carey, Norfolk State University, REU at Kellogg Biological Station
- 2015 Jacob Lindquist, Kalamazoo College, Senior Individualized Project
- 2015 Fernando Vizcarra, Alabama A&M University, REU at Kellogg Biological Station (co-mentored)
- 2015 Austin Whitted, Michigan State University, Undergraduate Research Apprentice at Kellogg Biological Station
- 2014 Katherine Grantham, Michigan State University, Undergraduate Research Apprentice at Kellogg Biological Station

- 2014 Olivia Barrera, Michigan State University, Plant Biology Senior Thesis
- 2012 Kimberly Crispin, University of California Santa Barbara, College of Creative Studies Summer Undergraduate Research Fellowship
- 2011 Cassidy Anton, University of California Santa Barbara, College of Creative Studies Summer Undergraduate Research Fellowship
- 2011 Catherine Murillo, University of California Santa Barbara, Environmental Studies Dept., course credit for research
- 2011 Michelle Webb, University of California Santa Barbara, Ecology, Evolution & Marine Biology Dept., course credit for research
- 2010 Maureen Isaacs, University of California Santa Barbara, Ecology, Evolution & Marine Biology Dept., course credit for research
- 2009 Alex Zucker, University of California Santa Barbara, Ecology, Evolution & Marine Biology Dept., course credit for research
- 2009 Fabiana Licata, University of California Santa Barbara, Environmental Studies Dept., course credit for research

High School Students:

- 2010 Orlando Torres, University of California Santa Barbara Summer Sessions, Summer Pre-College Research Mentorship Program
- 2008 Gordon Ackerman, California NanoSystems Institute Apprentice Researchers Program

K-12 Educators:

- 2015 Ashley Carroll, Gull Lake Elementary 8th grade science, Great Lakes Bioenergy Research Center, Research Experience for Teachers at Kellogg Biological Station

ADDITIONAL RESEARCH EXPERIENCE

- 2010 – 2011 Herbarium Research Assistant, Cheadle Center for Biodiversity and Ecosystem Restoration. University of California Santa Barbara.
- 2007, 2013 Graduate Research Assistant, Carla D’Antonio, Geographic Information Systems (GIS) mapping project of California native grass populations.
- 2010 Graduate Research Assistant, Carla D’Antonio, Grazing in California quantitative review project.

SERVICE

University Committees & Service:

2022	Biology Tenure-Track Search and Screen Committee
2022 – Present	Committee on Committees and Nominations
2022 – Present	University Leadership Awards Selection Committee
2021 – Present	Biology Department Chair
2021 – Present	Natural and Applied Sciences Heirloom Plant Sale Chair (2021 – Present)
2021	Arboretum Project Manager Search and Screen Panel
2020 – Present	Equity, Diversity and Inclusion Goal #5 Working Group
2020	Water Science Tenure-Track Search and Screen Committee
2019 – Present	UWGB Faculty Senate
2019	Herbarium Curator Tenure-Track Search and Screen Committee
2018 – 2020	Academic Actions Committee
2018, 2019	Liberal Arts Essay Contest Review Committee
2018	Learning Technology Collaborative Committee
2017 – Present	Cofrin Center for Biodiversity Faculty Advisory Committee Chair (2018-2021)
2017 – Present	Greenhouse Management Committee
2017 – Present	Environmental Science and Policy Outstanding Thesis Award Committee
2017, 2019	Sager Scholarship Committee
2016 – Present	Heirloom Plant Sale Grants Committee
2016 – Present	Student advising in Biology, Environmental Science

Journal Referee:

2022	Annals of Botany
2021	Forests, Journal of Plant Ecology
2020	Basic and Applied Ecology
2019	Journal of Vegetation Science; OIKOS; Basic and Applied Ecology
2018	Journal of Vegetation Science; Forests
2017	PLoS ONE; Perspectives in Plant Ecology, Evolution and Systematics; Forests; Annals of Botany; OIKOS, Madroño
2016	Ecosystems, Plant and Soil; Folia Geobotanica; OIKOS; PLoS ONE
2015	Ecosphere; Forests; Plant Ecology

Outreach and Community Service:

- 2020 Volunteered for UWGB Booth at the Einstein Project Science Expo (7 Mar)
- 2019 Lead UWGB representative and organization for local Girl Scouts Wonders of Water Badge Day at University of Wisconsin Green Bay (9 Nov)
- 2019 Oneida and University Of Wisconsin Green Bay Environmental Science Summer Camp (22-24 Jul)
- 2019 Consultation on forest understory community for Sisters of St. Francis of the Holy Cross
- 2019 Volunteered for UWGB Booth at the Einstein Project Science Expo (2 Feb)
- 2018 Lead UWGB representative and organization for local Girl Scouts Wonders of Water Badge Day at University of Wisconsin Green Bay (10 Nov)
- 2018 Room moderator for UW System Symposium for Undergraduate Research, Scholarly, and Creative Activity (20 Apr)
- 2017 Organization and marketing coordination for local Girl Scouts Water Badge Day at University of Wisconsin Green Bay (4 Nov)
- 2017 Coordinated student poster session for Green Bay Conservation Partners Spring Conservation Roundtable Meeting at UWGB (Apr 25)
- 2017 Volunteered for UWGB Booth at the Einstein Project Science Expo (4 Feb)
- 2016 Led aquaponics activity at local Girl Scouts Wonders of Water Badge Day at University of Wisconsin Green Bay (5 Nov)
- 2014 Judge for University Undergraduate Research and Arts Forum (Michigan State University)

Media:

- 2021 7 May FOX11 Live interview on Good Day Wisconsin on NAS Heirloom Plant Sale
- 2021 30 Apr Green Bay Press Gazette interview for article on NAS Heirloom Plant Sale
- 2018 11 Oct FOX11 Live interview on Good Day Wisconsin on fall color changes and tree physiology
- 2018 5 Oct FOX11 Recorded interview on fall color changes
- 2018 6 Sept FOX11 Recorded interview on fall color changes