

MARJORIE G. WEBER

CURRICULUM VITAE (November 2021)

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Lab website: www.theweberlab.com

See also: www.projectbiodiversify.org

CURRENT APPOINTMENT

Assistant Professor, Department of Plant Biology
Ecology, Evolutionary Biology, & Behavior Program
Michigan State University

2016 - present

EDUCATION

Center for Population Biology Postdoctoral Fellow

University of California at Davis

September, 2014-August, 2016

PhD: Ecology & Evolutionary Biology,

Cornell University, Ithaca, NY

August, 2009 – August, 2014

Bachelor of Arts: Biology Major, *with honors*

Lewis & Clark College, Portland, OR

September, 2003 - May, 2007

LEAVES & MODIFIED DUTIES

Second Child Leave Born in Aug. 2020

12 weeks parental leave, modified duties Fall Semester 2020, one-year tenure clock extension

First Child Leave Born in Nov. 2016

12 weeks parental leave, modified duties Fall Semester 2016, one-year tenure clock extension

PUBLICATIONS

**Mentees (e.g., students/postbachs/postdocs)*

Submitted or In Review

*Zemenick, A. T., Turney, S., S. C. Jones, Webster, A.J., and M. G. Weber. **Submitted**. Six principles for embracing gender and sexual diversity in post-secondary biology classrooms.

Robinson, M., Weber, M.G., Freedman, M., Yonenaga, J., and S.Y. Strauss. **Submitted**. Broadscale evolution of coloration in caterpillars reflects their interactions with plants.

*LoPresti, E.F., Mickley, J.G., *Edwards, C.L., and Weber, M.G. **Submitted**. Characterization of an increase in atypical petal numbers during a shift to autogamy in a coastal sand verbena and evaluation of potential evolutionary mechanisms.

Published or In Press:

35. *Zemenick, A. T., S. C. Jones, M. G. Weber, A. J. Webster, E. Raymond, K. Sandelin, T. Kowalczyk, N. Hessami, C. Lund. Dahlburg. **In Press**. Diversifying and humanizing biologist role models through constructing slide deck on researchers' research and life experiences. **CourseSource**.

34. *LaPlante, E.R., *Fleming, M., Migicovsky, Z., and Weber, M.G. **2021**. Genome-wide association study reveals genomic regions associated with mite recruitment phenotypes in the domesticated grapevine (*Vitis vinifera*). **Genes**.

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33. Pan, V.S. McMunn, M., Karban, R., Goidell, J., Weber, M.G., *E.F. LoPresti. **2021**. Mucilage-binding to ground protects seeds of many plants from harvester ants: a functional investigation. *Functional Ecology*.
32. *Coltharp, E., Knowd, C., Abelli-Amen, E., Abounayan, A., Alcaraz, S., Auer, R., Beilman, S., Breit, E., Brennan, J., Brown, H., Cancroft, O., Carlson, J., Carpenter, M., Carriero, N., Couser, R., Diaz, S., Gonzalez, S., Field, C., Fields, L., Fowler, M., Goldston, B., Griego, E., Hale, D., Hunter, R., Inman, J., Krumi, B., Mattern, E., McCollum, M., McNeill, E., Miller, K., Mistry, M., Plastina, G., Rarig, K., Roge, A., Selfridge, H., Staats, T., Tran, E., Trinh, B., Waitkus, S., Walsh, P., Weiss, A., Willcox, A., Young, O., Zervas, J., Grossenbacher, D., & M. Weber. **2020**. Leaf hair tufts function as domatia for mites in *Quercus agrifolia*. *Madrono* 67:165-169 *This paper includes 32 undergraduate authors
31. Hembry, D. H. and Weber, M.G. **2020**. Ecological Interactions and macroevolution: a new field with old roots. *Annual Review of Ecology, Evolution, and Systematics*. 51.
30. Wood, S., McKibbe, T., Chen, L., Henning, J.A., Smith, M.L., Weber, M.G., *Zemenick, A., and C.J. Ballen. **2020**. A scientist like me: demographic analysis of biology textbooks reveals both progress and long-term lags. *Proceedings of the Royal Society B*. 287 (1929), 20200877.
29. Pearse, I.S., Ali, J.G., Bronstein, J.L., Eubanks, M. D., *LoPresti, E., Mooney, K.A., Ode, P.J., Schaeffer, R.N., Weber, M.G., Wetzels, W.C. **2020**. Generalizing indirect defense and resistance of plants. *Ecology Letters*. 23(7).
28. *Baskett, C., *Schroeder, L., Weber, M.G., and D. Schemske. **2020**. Multiple metrics of latitudinal patterns in insect pollination and herbivory for a tropical-temperate congener pair. *Ecological Monographs*. 90 (1), e01397.
27. *LoPresti, E.F., Goidell, J., Mola, J., Page, M., Stuligross, C., Specht, C., Weber, M.G., Williams, N., and R. Karban. **2019**. A lever action hypothesis for pendulous hummingbird flowers: experimental evidence from a columbine. *Annals of Botany*. 125 (1), 59-65.
26. *LoPresti, E.F., Pan, V., Goidell, J., Weber, M.G., and R. Karban. **2019**. Mucilage-bound sand reduces seed predation but not by reducing apparency; a field test of 53 plant species. *Ecology*. 100 (4), 1-2.
25. *Foisly, M.R., Albert, L.P., *Hughes, D.W.W., and M.G. Weber. **2019**. Do latex and resin spur diversification? Reexamining an early hypothesis of escape and radiate coevolution. *Journal of Ecology*. 107(4) 1606-1619.
24. Chomicki, G., Weber, M.G., Antonelli, A., Bascompte, J., and T. Kiers. **2019**. The Impact of Mutualisms on species richness. *Trends in Ecology and Evolution*. 34(8) 698-711.
23. Harmon, L., C., Andreazzi, C., Drury, J.P., Goldberg, E., Martins, A., Melián, C., Narwani, A., Pennell, M., Rudman, S., Seehausen, O., Silvestro, D., Weber, M.G. and B. Matthews. **2019**. Detecting the Macroevolutionary Signal of Species Interactions. *Journal of Evolutionary Biology*. 32(8) 769-782.
22. Agrawal, A.A.; Ali, A.; Johnson, M.D.; Hastings, A.; Burge, D.; and M.G. Weber. **2018**. Toxicity of the spiny thick-foot *Pachypodium* (Apocynaceae). *New Phytologist*. 105(4), 677-686.
21. Weber, M.G., N.I. Cacho, M.J.Q. Phan, C. Disbrow, S.R. Ramirez, S.Y. Strauss. **2018**. The evolution of floral signals in relation to range overlap in a clade of California Jewelflowers (*Streptanthus* s.l.). *Evolution*. 72(4), 798-807.
20. Afkhami, M., Mahler, L., Burns, J., Weber, M.G., Wojciechowski, M., Sprent, J., and S. Strauss. **2018**.

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- Symbioses with nitrogen-fixing bacteria: Nodulation and phylogenetic data across legume genera. *Ecology*. 99(2), 502-502.
19. Mahler, L., Weber, M.G., Wagner, C. E., and T. Ingram. **2017**. Pattern and process in the comparative study of convergent evolution. *American Naturalist*. 190 (S1): S13-S28.
 18. Weber, M.G., Wagner, C. E., Best, R.J., Harmon, L.J., and B. Matthews. **2017**. Evolution in a community context: on integrating ecological interactions into macroevolution. *Trends in Ecology and Evolution*. 32(4): 291-304.
 17. Weber, M.G., Mitko, L., Eltz, T., and S.R. Ramírez. **2016**. Macroevolution of perfume signaling in orchid bees. *Ecology Letters*. 19 (11), 1314-1323.
 16. Weber, M.G., and S.Y. Strauss. **2016**. Coexistence in close relatives: Beyond competition and reproductive isolation in sister taxa. *Annual Review of Ecology, Evolution, and Systematics*. 47 (1). 359-381.
 15. Weber, M.G., Porturas, L.D., and S.A. Taylor. **2016**. Foliar nectar enhances plant-mite mutualisms: The effect of leaf sugar on the control of powdery mildew by domatia-inhabiting mites. *Annals of Botany*. 118(3), 459-466.
 14. LoPresti, E. and Weber M.G. **2016**. Breaking barriers in evolutionary biology: A pioneering woman in science and her early theory of plant chemical macroevolution. *The American Naturalist*. 188(2), ii-iv.
 13. Mitko, L., Weber M.G., Ramírez, S.R., Hendenström, E., Wcislo, W.T., and T. Eltz. **2016**. Olfactory specialization for perfume collection in male orchid bees. *Journal of Experimental Biology*. 219: 1467-1475.
 12. Pokorny, T., Ramírez, S.R, Weber M.G., and T. Eltz. **2015**. Cuticular hydrocarbons as potential close range recognition cues in orchid bees. *Journal of Chemical Ecology*. 41(12), 1080-1094.
 11. Agrawal, A.A. and M.G. Weber, **2015**. On the study of plant defense and herbivory using comparative approaches: how important are secondary plant compounds? *Ecology Letters*. 18(10),985-991.
 10. Weber, M.G. and A. A. Agrawal, **2014**. Defense mutualisms enhance lineage diversification in plants. *Proceedings of the National Academy of Science*. 111(46), 16442-16447.
 9. Weber, M.G., and K.H. Keeler. **2013**. The phylogenetic distribution of extrafloral nectaries in plants. *Annals of Botany*. 111 (6): 1251-1261.
 8. Weber, M.G., Clement, W.L., Donoghue, M.J., and A.A. Agrawal. **2012**. Phylogenetic and experimental tests of interactions among mutualistic plant defense traits in *Viburnum* (Adoxaceae). *The American Naturalist* 180: 450-463.
 7. Weber, M.G., and A.A. Agrawal. **2012**. Phylogeny, ecology, and the coupling of comparative and experimental approaches. *Trends in Ecology and Evolution* 27: 394-403.
 6. Agrawal, A.A., Petschenka, G., Bingham, R.A., Weber, M.G., and S. Rasmann. **2012**. Toxic cardenolides: chemical ecology and coevolution of specialized plant-herbivore interactions. *New Phytologist* 194: 28-45.
 5. Dalton, C.M., Mokiao-Lee, A., Weber, M.G., Roco, C.A., Han, Z., Dudley, B., MacKenzie, R.A., and N.G. Hairston Jr. **2012**. Anthropogenic disturbance of top-down and bottom-up controls in a highly

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endemic tropical aquatic food web. *Oikos*. 122(5): 790-800.

4. Kennedy, P.G., Higgins, L.M., Rogers, R.H., and M.G. Weber. **2011**. Colonization-competition tradeoffs as a mechanism driving successional dynamics in ectomycorrhizal fungal communities. *PLoS ONE* 6: e25126.
 3. Kennedy, P.G., Weber, M.G., and A.A. Bluhm. **2010**. *Frankia* bacteria in *Alnus rubra* forests: genetic diversity and determinants of assemblage structure. *Plant and Soil* 335: 479-492.
 2. Kennedy, P.G., Schouboe, J.L., Rogers, R.H., Weber, M.G., Nadkarni, N.M. **2010**. *Frankia* and *Alnus rubra* canopy roots: An assessment of genetic diversity, propagule availability, and effects on soil nitrogen. *Microbial Ecology* 59: 214-220.
 1. Kursar, T.A., Dexter, K.G., Lokvam, J., Pennington, R.T., Richardson, J.E., Weber, M.G., Murakami, E., Drake, C., McGregor, R., and P.D. Coley. **2009**. The evolution of anti-herbivore defenses and their contribution to species coexistence in the tropical tree genus *Inga*. *Proceedings of the National Academy of Science* 106: 18073-18078.
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GRANTS & FELLOWSHIPS

NSF IUSE-2012014: DUE - IUSE- Engaged Student Learning Grant (\$1,001,102 total, \$480,255 to MSU, Lead PI) Diversifying and Humanizing Scientist Role Models to Increase the Impact of Data Literacy Instruction on Student Interest and Retention in STEM. <i>National Science Foundation</i>	2020-2024
NSF DEB-1831164: Dimensions in Biodiversity Grant (\$1,103,146, Single PI) Dimensions: The causes and consequences of leaf trait evolution for hidden life on the phyllosphere. <i>National Science Foundation</i> <i>Supplement 2020, NSF-2028570 - Career Life Balance Award (\$23,921)</i>	2018-2023
Initiation (STINT) grant IB 2018-8066 (10,000 SEK = \$10,785, 3PI), Swedish Foundation <i>For International Cooperation in Research</i>	2019-2020
Center for Population Biology Postdoctoral Fellowship (\$96,000); University of California, Davis	2014-2016
ASN Student Research Award (\$2,000); American Society of Naturalists	2013
NSF Doctoral Dissertation Improvement Grant (\$15,000); National Science Foundation	2012
NSF Graduate Research Fellowship (\$90,000); National Science Foundation	2010-2013
Kieckhefer Adirondack Fellowship (\$4,000); Cornell Graduate School	2010
Sigma Xi National Grant in Aid of Research (\$620); Sigma Xi Assoc., National	2010
Sigma Xi Research Grant (\$776); Sigma Xi Assoc., Cornell Chapter	2010
Orenstein Endowment Grant (\$1,500); Orenstein endowment fund, Cornell University	2009 & 2012
Ecological Society of America Grant (\$700); Fungal Env. Sampling & Informatics Network	2008

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HONORS & AWARDS

Excellence in Diversity Award – <i>Teams-Emerging Progress Category, Michigan State University, awarded for work with Project Biodiversify (website:projectbiodiversify.org)</i>	2020
Early Career Fellow, Ecology Society of America	2018-2023
Jasper Loftus-Hills Young Investigator Award, The American Society of Naturalists	2015
Ed Ricketts Seminar Award, American Society of Naturalists Conference, Asilomar, CA	2014
LaMont C. Cole Award; Departmental award for best student paper, Cornell Dept. of Ecology & Evolutionary Biology	2012
Rosemary Grant Award; Society for the Study of Evolution	2010
Book Award; Departmental award for best talk by an incoming student, Cornell EEB	2010
Best Student Talk; American Arachnology Society	2008
Biology Prize; (Top dept. student honor); Dept. of Biology, Lewis & Clark College, OR	2007

INVITED PRESENTATIONS & INVITED SEMINARS

Special Symposium on Herbivory Through Time & Space, Entomology Society of America Annual Conference	2021
Session Keynote, Phylosphere Fortnight Conference	2021
Colloquium Invited Speaker, Phytochemistry Colloquium, Botany Conference	2021
Biology Department, University of Massachusetts, Boston	2021
Plant Biology Department, University of California, Riverside	2021
Graduate Student Invited Speaker, Dept. of Biological Sciences, University of Arkansas	2021
Ecology, Evolution, and the Environment Seminar Series, Durham University	2021
Graduate Student Invited Speaker, Department of Biology, Central Vermont University	2021
Department of Biology, University of Connecticut	2020
Department of Biology, Louisiana State University	2020
Department of Evolutionary Ecology, Lund University, Sweden	2019
Special symposium on Macroevolution and Species Interactions, Society for the Study of Evolution Meeting, Providence, RI	2019
Gordon Conference on Speciation, Ventura, CA	2019
Ecology Seminar, Duke University	2019
Ecology & Evolutionary Biology Department Seminar, University of Michigan	2019
Entomology Department Seminar, Penn. State University	2018
Biodiversity Center Seminar, University of British Columbia	2018
Ecology and Evolutionary Biology Department, University of Toronto	2018
150 years of the American Naturalist, ASN meeting, Asilomar, CA	2018
Department of Biology, University of Toronto, Mississauga	2017
Department of Ecology & Evolutionary Biology Seminar, University of Arizona, Tucson AZ	2017

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Symposium on Indirect Defense, <i>Entomological Society Meeting, Denver, Colorado</i>	2017
Department of Biology Seminar - <i>University of Idaho</i>	2017
EvMorph Seminar Series, <i>University of Chicago & The Field Museum</i>	2017
Horticulture/Plant, Soil, and Microbial Sciences Seminar Series, <i>Michigan State University</i>	2017
Kellogg Biological Station, <i>Michigan State University</i>	2017
Distinguished Speaker Department of Plant Biology Seminar Series, <i>University of Wyoming</i>	2016
Ecology and Evolution 'Eco-Lunch', <i>Stanford University</i>	2016
American Society of Naturalists Young Investigator Symposium, <i>Evolution Meeting, Brazil</i>	2015
Ecology, Evolutionary Biology & Behavior Seminar Series, <i>Michigan State University</i>	2015
Biodiversity Research Center (BLISS) Seminar Series, <i>University of British Columbia</i>	2014
Department of Botany and Plant Pathology Seminar Series, <i>Oregon State University</i>	2014
Department of Organismic & Evolutionary Biology Seminar Series, <i>Harvard University</i>	2014
Center for Population Biology Seminar Series, <i>University of California, Davis</i>	2014
Department of Biology Seminar Series, <i>Ithaca College, Ithaca, NY</i>	2013
Department of Limnology Seminar Series, <i>EAWAG Zurich, Switzerland</i>	2013
Novel Traits and Rapid Evolution Conference, <i>Cornell University</i>	2013
<i>Viburnum</i> Research Summit, <i>Yale University</i>	2012

CONTRIBUTED PRESENTATIONS AT PROFESSIONAL MEETINGS

American Society of Naturalists: 2014, 2016
(poster), 2018, 2020

Ecology Society of America: 2010, 2012, 2017,
2018

Society for the Study of Evolution: 2012,
2013, 2015, 2017, 2019

Gordon Conference on Plant Insect
Interactions: 2009 (poster)

American Arachnology Society: 2006, 2008,
2018

TEACHING & MENTORSHIP



Co-founder & director of Project Biodiversity, An online repository of teaching materials to highlight role-models from underrepresented groups in STEM
website: projectbiodiversify.org; twitter: @biodiversifying

2018-present

*Awarded Michigan State University's Excellence in Diversity – Emerging Teams Award, 2020

Workshops by Project Biodiversify Team: CSU Longview (2021); University of California, Davis (2021); University of Minnesota (2021); Michigan Tech (2021); Living Earth Collaborative Seminar (2021); University of Massachusetts (2021); Susquehanna University (2021); Michigan State University Department of Entomology (2021); University of Connecticut (2021); California Polytechnic University Department of Biology (2021) Macmillan Publishing (2020); Cornell University (2020); Auburn University (2020); Oklahoma State (2021); Duke University (2020); University of California, Davis (2020); University of Washington, Tacoma

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(2019); Western Washington University (2019); University of Idaho (2019); Northern Kentucky University (2019); Association for the Sciences of Limnology and Oceanography (2019); Michigan State University Kellogg Biological Station k-12 Teaching workshop (2018); Society for Freshwater Science Meeting (2018), Ecology Society of America Meeting (2018)

Mentorship:

Graduate Mentees:

Abriana Soule, PhD Student (2021-present)	Bruce Martin, PhD Student (2018-present)
Rosemary Glos, PhD Student (2021-present)	Michael Foisy, Masters Student (2018-2020) Erika
Sylvie Martin-Eberhardt, PhD Student (co-advised w/ Kadeem Gilbert 2021-present)	LaPlante, Masters Student (2017-2020)
Carolyn Graham, PhD Student (2020-present)	Carina Baskett, PhD Student (co-advised w/ Doug Schemske, 2016-2018)

Postdoctoral Mentees:

Melissa Kjelvik (2020-present)	Elizabeth Schultheis (2020-present)
Ash Zemenick (2017-2021)	Margaret Fleming (2019-present)
Andrew Meyers (2019-present)	Eric LoPresti (2017-2020)

Undergraduate and Postgraduate Mentees:

Riley Scanlon (MSU Undergraduate Researcher 2019-present); Carolyn Graham (MSU Undergraduate Researcher 2016-2020); Caroline Edwards (Research Technician 2018-2020); Thomas Zambiasi (MSU Undergraduate Researcher 2018-2019); Keegan Mackin (MSU Undergraduate Researcher 2018); Daniel Hughes (Research Technician 2017-present); Ashley Peer (MSU Undergraduate Researcher 2017-2018); Lucy Schroeder (MSU Undergraduate Researcher 2016-2018); Abby Sulesky (MSU Undergraduate Researcher 2016-2018); Susan Gordon (Research Technician 2016-2017); Martin Phan (University of California, Davis Undergraduate Researcher 2015-2016); Jenna Yonenaga (University of California, Davis Undergraduate Researcher 2014-2017); Karen Bitan, Cornell University (Undergraduate Researcher 2013-2014)

Graduate Committees:

23. Stephanie Harwick Clark MSU-IBIO (2021-Present); 22. Abby Bryson MSU-Genetics (2020-Present); 21. Katherine Dupree U. of Arkansas (2020-present); 20. Jennifer Zavalnitskaya MSU-ENT (2019-present); 19. Kara Dobson MSU-IBIO (2020-present); 18. Riley Pizza MSU-PLB (2020-present); 17. Abby Sulesky-Grieb MSU-MMG (2020-present); 16. Kota Nakasato MSU-PLB (2020-present), 15. Julian Liber MSU-PSMB (2020-present); 14. Alice Puchalsky MSU-IBIO (2019-present); 13. Brandon Latorre MSU-PLB (2019-present); 12. Lauren Koenig MSU-IBIO (2018-present); 11. Devin Lake MSU-IBIO (2019-present); 10. Elizeth Cinto Mejia, MSU-ENT (2018-Present); 9. Kayleigh Courard, MSU-ENT (2018-Present); 8. Malia Santos U. of Idaho (2018-Present); 7. Michael Ryskamp, MSU-PLB (2016-present); 6. Nicole Wonderlin MSU-ENT (2016-present); 5. Caitlyn Bryon, MSU-PLB (2016 – present); 4. Christopher Werneke, MSU-PLB (2016-present), 3. Klara Scharnagl MSU-PLB (2016-2019); 2. Susan Magnoli, MSU-PLB/KBS (2016-2018); 1. Damian Popovic, MSU-PLB (2016-2018).

Courses Taught:

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MSU IBIO/PLB/ENT 830: <i>Quantitative Methods in Ecology and Evolutionary Biology I</i> <i>Graduate level course (40-60 students/yr) introduction to coding and statistics in R</i>	FA18, FA19, FA21
MSU IBIO/PLB 355: <i>General Ecology</i> <i>Undergraduate level course (~200 students/yr) introduction to Ecology</i>	FA18, FA 19
MSU ENT 812: <i>Graduate Seminar: The Ecology and Evolution of Plant-Arthropod Interactions (~20 students/yr)</i>	FA18
MSU IBIO/PLB 851: <i>Quantitative Methods in Ecology and Evolutionary Biology</i>	SP17

Additional teaching:

Guest Lecturer: MSU-Plant Genomics REU (2018, 2019), Eastern Michigan University Field Arachnology Course (2018), MSU PLB 203 (2017, 2018), MSU IBIO/PLB 355 honors (2017), MSU PLB801 (2017)	
Teaching Assistant: <i>Evolutionary biology and diversity (Cornell University, BioG1780)</i>	SP 2011
Teaching Assistant: <i>Evolution for non-majors (Cornell University, BioEE2070)</i>	FA 2010
Science Teaching Intern: <i>Elementary Science Partnership- Portland, OR</i>	2007
Teaching Assistant: <i>Biology 100: Intro Biology, Lewis & Clark College</i>	SP 2005

Teaching development workshops attended:

Mentorship Workshop for Faculty, Kellogg Biological Station, Michigan State	2020
Cultural Competency Training, Michigan State University	2019
STEM Teaching Essentials Workshop on Backward Design, Michigan State University	2018
QuILL: Queer Inclusive Learning and Leadership, Michigan State University	2017
Effective Teaching and Learning Workshop, Michigan State University	2016
Teaching Workshop: Cornell Center for Teaching Excellence, Cornell University	2009

PROFESSIONAL SERVICE

National/International Service:

Associate Editor, <i>The American Naturalist</i>	2021-Present
Symposium Committee Chair, <i>American Society of Naturalists</i>	2019-2022
Special Symposium co-organizer: "Integrating ecological interactions into macroevolution" <i>Society for the Study of Evolution meeting, Providence, RI.</i>	2019
National Science Foundation Panel Member	2014, 2017, 2018
Special Symposium Organizer: "The evolution of mutualism and their evolutionary impact on biodiversity." <i>Society for the Study of Evolution meeting, Montpellier, France.</i>	2018
American Society of Naturalist Society Symposium Committee	2018-2020
ASN Young Investigators Special Symposium Organizer, <i>Evolution meeting, Austin, TX</i>	2016
Reviewer: Including <i>Nature, PNAS, Ecology Letters, Evolution Letters, American Naturalist, Evolution,</i>	

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Ecology, Plant Ecology, Oecologia, American Journal of Botany, Proceedings of the Royal Society B, Journal of Chemical Ecology, Biotropica, New Phytologist, International Journal of Plant Sciences, Botany, PLOS Computational Biology

Institutional Service:

Chair, Faculty Advisory Committee (DAC), Department of Plant Biology, MSU	2021-present
Hiring Committee, MSU PLB Plant Ecologist search	2021-2022
Co-Chair, Postdoctoral Fellowship Committee, EEB Program, MSU	2020
Space Committee, Department of Plant Biology, MSU	2019-present
Diversity, Equity, and Inclusion Committee, Department of Plant Biology, MSU	2019
Rodman Speaker Committee, Department of Plant Biology, MSU	2018-present
Faculty Advisory Committee (DAC), Department of Plant Biology, MSU	2018-2019
Seminar Committee Ecology, Evolutionary Biology, and Behavior Program, MSU	2018-present
Long Range Planning Faculty Hiring Committee, Department of Plant Biology, MSU	2018-2019
Workload Balance Committee, Department of Plant Biology, MSU	2018
Hiring Committee, MSU PLB/PRI Eco-physiologist search	2017-2018
Hiring Committee, UC Davis Center for Population Biology Postdoctoral Fellowship	2016
Seminar Series Organizer, Center for Population Biology Seminar Series, UC, Davis	2015-2016

COMMUNITY & PUBLIC OUTREACH

"Picture a Scientist" Women in Science Panel, Princeton University Press	2020
Bug Talk Podcast, Michigan State Entomology Graduate Student Podcast	2020
Blog Post: "Help us to diversify and humanize biology courses!", <i>Small Pond Science</i>, co-authored with Ash Zemenick	2020
Keynote Speaker, Girls Math and Science Day, Michigan State University	2019
Implicit Bias Workshop, MSU BEACON summit	(Co-Organizer) 2017
Workshop on "How to Cope with Failure in Science", UC Davis	(Organizer) 2016
Women in Science Group (WiSci), UC Davis	(Co-founder and Organizer) 2014-2016
Expanding Your Horizons: STEM program for middle school girls, Cornell University	(Organizational Chair) Annually, 2011-2014
Diversity of insects K-12 course: Cassavant Elementary School, 1st grade	(Organizer & teacher), Annually, 2012-2014
Media Outreach Organizer: Frontiers symposium for women in the life sciences	2012
STEM mentor to middle school girls, Expand Your Horizons, Cornell University	2010 - 2011
Scientific American Podcast: "Arachnophilia!" AAAS Annual Meeting, Boston, MA	2008