JILL T. ANDERSON
CURRICULUM VITAE

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EDUCATION

Cornell University	Ecology and Evolutionary Biology	Ph.D. 2009
Brown University	Biology	Sc.B. 1998, with honors

RESEARCH APPOINTMENTS

2024-present	Professor, Department of Genetics and Odum School of Ecology, University of Georgia. (Athens, GA)
2018-2024	Associate Professor, Department of Genetics and Odum School of Ecology, University of Georgia. (Athens, GA)
2015-2018	Assistant Professor, Department of Genetics and Odum School of Ecology, University of Georgia. (Athens, GA)
2012-2014	Assistant Professor, Department of Biological Sciences and Environment and Sustainability Program, University of South Carolina. (Columbia, SC)
2009- 2012	Postdoctoral associate in Mitchell-Olds lab, Department of Biology, Duke University. (Durham, NC)

PUBLICATIONS

I have denoted trainees from my lab using superscripts after their names: [P] postdoctoral associate; [G] graduate student; [U] undergraduate student; [T] technician. I continue to collaborate with former postdocs after they move to independent positions; I designate them as postdocs only for papers completed prior to their departure.

Authorship model: For publications from my lab, the trainee who spearheads the project is the first author and I am the senior, corresponding author in the last position. I actively collaborate with my trainees on all stages of manuscript preparation, from experimental design to data collection, curation and analysis, figure preparation, interpretation of results, and writing.

1. **Anderson, J.T.***, M. L. DeMarche*, Derek A. Denney [G], Ian Breckheimer, James Santangelo, and Susana M. Wadgymar, 2025. "Adaptation and gene flow are insufficient to rescue a montane plant under climate change." Science. doi: 10.1126/science.adr1010. *Anderson and DeMarche share equal contributions and are joint corresponding authors.
2. J. Drake, J. Wares, J. Byers, and **J.T. Anderson**, in press. Two hypotheses about climate change and species distributions. Ecology Letters.

3. M.I. Jameel [G], L. Duncan, K. Mooney, and **J.T. Anderson**, 2025. "Herbivory and water availability interact to shape the adaptive landscape in the perennial forb, *Boechera stricta*" Evolution. 79(4):557-573

4. Cocciardi, J., A. Hoffmann, D. Alcarado-Serrano, **J.T. Anderson**, Meghan Blumstein, Emma Boehm, Lana Bolin, Israel Borokini, G. Bradburd, H. Branch, L. Brudvig, Y. Chen, S. Collins, D. Des Marais, D. Gamba, N. Hanan, M. Howard, J. Jaros, T. Juenger, N. Kooyers, E. Kottler, J. Lau, M. Menon, D. Moeller, T. Mozdzer, S. Sheth, M. Smith, K. Toll, M. Ungerer, M. Vahsen, S. Wadgymar, A. Waananen, K. Whitney, and M. Avolio, 2024. "The value of long-term ecological research for evolutionary insights." Nature Ecology and Evolution. https://www.nature.com/articles/s41559-024-02464-y

5. S. Day Briggs[G] and **J.T. Anderson**, 2024. "The effect of global change on the expression and evolution of floral traits." Annals of Botany. doi: 10.1093/aob/mcae057

6. D. Denney[G], P. Patel, [U] **J.T. Anderson**, 2024. "Elevated [CO_2] and temperature augment gas exchange and shift the fitness landscape a montane forb." New Phytologist. doi: 10.1111/nph.19765

7. S. Wadgymar, S. Sheth, E. Josephs, M. DeMarche, **J.T. Anderson**, 2024. Defining fitness in evolutionary ecology. International Journal of Plant Sciences. 185(3): 218-227. https://doi.org/10.1086/729360

8. **J.T. Anderson,** 2023. The consequences of winter climate change for plant performance. American Journal of Botany. 110(12): e16252. DOI: 10.1002/ajb2.16252.

9. J. Boyd, C. Baskauf, A. Lindsay, **J. T. Anderson,** J. Brzyski, J. Cruse-Sander, 2023. Phenotypic plasticity and genetic diversity shed light on endemism of rare *Boechera perstellata* and its potential vulnerability to climate warming. Ecology and Evolution. 13(9): e10540. DOI: 10.1002/ece3.10540.

10. R. MacTavish[G] and **J.T. Anderson**, 2022. Water and nutrient availability exert selection on reproductive phenology. American Journal of Botany.109: 1702-1716.

11. C. Rushworth, M. Wagner, T. Mitchell-Olds*, and **J.T. Anderson***, 2022. The *Boechera* model system for evolutionary ecology American Journal of Botany. 109: 1939-1961. *Mitchell-Olds and Anderson are joint corresponding authors.

12. J. Boyd*, **J.T. Anderson***, J. Brzyski, C. Baskauf, and J. Cruse-Sanders, 2022. Eco-evolutionary causes and consequences of rarity in plants: A meta-analysis. New Phytologist. *Boyd and Anderson share equal contributions and are joint corresponding authors. 235(3): 1272-1286. https://doi.org/10.1111/nph.18172

13. S. Wadgymar*, M. L. DeMarche, E. Josephs, S. Sheth, and **J.T. Anderson***, 2022. Local adaptation: Causal agents of selection and adaptive trait divergence. Annual Review of Ecology, Evolution, and Systematics. 53: 87-111. *Wadgymar and Anderson share equal contributions and are joint corresponding authors.

14. C. Rixen et al., 2022. Winters are changing: snow effects on Arctic and alpine tundra. Arctic Science. I am one of 60 authors on this manuscript. https://doi.org/10.1139/as-2020-0058

15. J. Santangelo et al., 2022 Global urbanization drives parallel environmental and evolutionary change. Science. I am one of 288 authors on this manuscript, which was driven by Marc Johnson and his lab (University of Toronto Mississauga). 375(6586): 1275-1281.
16. J. Boyd, J. Odell, J. Cruse-Sanders, W. Rogers, **J.T. Anderson**, C. Baskauf, and J. Brzyski, 2022. Phenotypic plasticity and genetic diversity elucidate rarity and vulnerability of an endangered riparian plant. Ecosphere. 13(4): e3996
17. Hamann, E.[P], C. Blevins [U], Steven J. Franks, M. Inam Jameel [G], **J. T. Anderson**, 2021. Tansley Review: Climate change alters plant-herbivore interactions. New Phytologist. 229(4): 1894-1910.
18. Hamann, E. [P], S. Wadgymar, and **J.T. Anderson**, 2021. Climate change alters costs of reproduction. Proceedings of the Royal Society B. 288 (1948), 20203134.
19. **J.T. Anderson**, M. Inam Jameel [G], and M. A. Geber, 2021. Selection favors plasticity in a long-term reciprocal transplant experiment. Evolution. 75(7): 1711-1726
20. Araujo, J., S. Correa, J. Penha, **J.T. Anderson**, A. Traveset, 2021. Cryptic function loss: the effect of body size reduction of frugivorous fishes on seed dispersal and predation networks. Journal of Applied Ecology.
21. Song, B.-H., and **Anderson, J.T**., 2020. Plant climate change adaptation-where are we? Journal of Systematics and Evolution. 58(5): 533-545.
22. Hamann, E. [P], D. Denney [G], S. Day [G], Elizabeth Lombardi, M.I. Jameel [G], Rachel MacTavish [G], **J.T. Anderson**, 2021. Plant eco-evolutionary responses to climate change: Emerging directions. Plant Science. https://doi.org/10.1016/j.plantsci.2020.110737
23. Araujo, J., S. Correa, **J.T. Anderson**, J. Penha, 2020. Fruit preferences by fishes in a Neotropical floodplain. Biotropica. https://doi.org/10.1111/btp.12790
24. Denney, D.[G], M.I. Jameel [G], J. Bemmels [P], M. Rochford [G], and **J.T. Anderson**, 2020. Small spaces, Big impacts: Contributions of microenvironmental variation to population persistence under climate change. AoB Plants. 12(2): plaa005
25. MacTavish, R.[G] and **J.T. Anderson**, 2020. Resource availability alters fitness trade-offs: implications for evolution in stressful environments. American Journal of Botany. 107(2):1-11.
26. **J.T. Anderson** and S. Wadgymar, 2020. Climate change disrupts local adaptation and favours upslope migration. Ecology Letters. 23(1): 181-192.
27. Bemmels, J. [P] and **J.T. Anderson**, 2019. Climate change shifts natural selection and the adaptive potential of the perennial forb *Boechera stricta* in the Rocky Mountains. Evolution. 73(11): 2247-2262.
28. Wadgymar [P], S., R. MacTavish [G], **J.T. Anderson**, 2019. Evolutionary Consequences of Climate Change. Ecosystem Consequences of Soil Warming. Edited by J. Mohan. Published by Elsevier, Chapter 2: pp. 29-59.
29. Mohan, J.E., S. Wadgymar [P], D. E. Winkler, **J. T. Anderson**, P. T. Frankson, R. Hannifin, K. Benavides, L. M. Kueppers, and J. M. Melillo, 2019. Plant reproductive

fitness and phenology responses to climate warming. Ecosystem Consequences of Soil Warming. Edited by J. Mohan. Published by Elsevier, Chapter 3: pp. 61-102.

30. S. Wadgymar [P], R.M. Mactavish [G], and **J.T. Anderson**, 2018. Transgenerational and within-generation plasticity in response to climate change: Insights from a manipulative field experiment across an elevational gradient. The American Naturalist. 192(6): 698-714.

31. Raul Costa-Pereira, C. Lucas, M. Crossa, **J.T. Anderson**, B. Weiss Albuquerque, E. P. Dary, M. T. F. Piedade, L. O. Demarchi, E. R. Rebouças, G. da S. Costa, M. Galetti and S.B. Correa, 2018. Defaunation shadow on mutualistic interactions. Proceedings of the National Academy of Sciences of the United States of America. 115(12): E2673-E2675.

32. S. Wadgymar [P], J. Ogilvie, D. Inouye, A. Weis, **J.T. Anderson,** 2018**.** Phenological responses to multiple environmental drivers under climate change: insights from a long-term observational study and a manipulative field experiment. New Phytologist. 218: 517-529.

33. P. Vaidya [G], A. McDurmon [U], E. Mattoon [U], M. Keefe, L. Carley, C.-R. Lee, R. Bingham, and **J.T. Anderson**, 2018. Ecological causes and consequences of flower-color polymorphism in a self-pollinating plant (*Boechera stricta*). New Phytologist. 218(1): 380-392.

34. S. Correa [P], P.C. de Oliveira, C. Nunes da Cunha, J. Penha, and **J.T. Anderson**, 2018. Water and fish select for fleshy fruits in tropical wetland forests. Biotropica. 50: 312-318.

35. S. Wadgymar [P], D. Lowry, C. Byron, B. Gould, R. Mactavish [G], and **J.T. Anderson**, 2017. Identifying targets and agents of selection: Innovative methods to evaluate the processes that contribute to local adaptation. Methods in Ecology and Evolution. 8: 738-749

36. S. Wadgymar [P], S.C. Daws [U] and **J.T. Anderson**, 2017. Integrating temporal viability and fecundity selection to illuminate the adaptive nature of genetic clines. Evolution Letters 1: 26-39.

37. R. Colautti, J. Ågren and **J.T. Anderson,** 2017. Phenological shifts under climate change: the *Boecehra-Lythrum* model. Philosophical Transactions of the Royal Society B: Biological Sciences. 372(1712): 20160032. All authors contributed equally.

38. S. Correa [P], J. K. Arujo[*], J. Penha, C Nunes da Cunha, K. E. Bobier [G], **J.T. Anderson**, 2016. Stability and generalization in seed dispersal networks: A case study of frugivorous fish in Neotropical wetlands. Proceedings of the Royal Society of London B: Biological Sciences. DOI: 10.1098/rspb.2016.1267

39. K. M. Becklin, **J. T. Anderson**, L. M. Gerhart, S. M. Wadgymar [P], C A. Wessinger, and J. K. Ward, 2016. Examining plant physiological responses to climate change through an evolutionary lens. Plant Physiology. 172(2): 635-649. All authors contributed equally.

40. S. Correa [P] and **J.T. Anderson**, 2016. A nondestructive sampling protocol for field studies of seed dispersal by fish. Journal of Fish Biology. 88(5): 1989-2003.

41. **J.T. Anderson,** 2016. Plant fitness in a rapidly changing world. New Phytologist. 210: 81-87.

42. A.J. Manzaneda, P. Rey, **J.T. Anderson**, E. Raskin, C. Weiss-Lehman, and T. Mitchell-Olds, 2015. Natural variation, differentiation, and genetic trade-offs of ecophysiological traits in response to water limitation in *Brachypodium distachyon* and its descendent allotetraploid *B. hybridum* (Poaceae). Evolution. 69(10): 2689-2704.

43. **J.T. Anderson**, N. Perera, B. Chowdhury [T], T. Mitchell-Olds, 2015. Microgeographic patterns of genetic divergence and adaptation across environmental gradients in *Boechera stricta* (Brassicaceae). The American Naturalist. 186(S1): S60-S73.

44. S. Correa [P], R. Costa-Pereira, T. Fleming, M. Goulding, **J.T. Anderson**, 2015**.** Neotropical fruit-fish interactions: eco-evolutionary dynamics and conservation. Biological Reviews. 90(4): 1263-1278.

45. **J.T. Anderson**, V. Eckhart, and M.A. Geber, 2015. Experimental studies of adaptation in *Clarkia xantiana*. III. Phenotypic selection across a subspecies border. Evolution. 69 (9): 2249-2261.

46. S. Correa [P], J. Araujo, J. Penha, C. Nunes Da Cunha, P. Stevenson, **J.T. Anderson**, 2015. Overfishing disrupts an ancient mutualism between frugivorous fish and plants in Neotropical wetlands. Biological Conservation. 191: 159-167

47. **J.T. Anderson** and Z. Gezon, 2015. Plasticity in functional traits in the context ofclimate change: A case study of the subalpine forb *Boechera stricta* (Brassicaceae). Global Change Biology. 21(4): 1689-1703.

48. C.-R. Lee, **J.T. Anderson**, T. Mitchell-Olds, 2014. Unifying genetic canalization, genetic constraint, and genotype-by-environment interaction: QTL by genomic background by environment interaction of flowering time in *Boechera stricta*. PLoS Genetics. 10(10): e1004727.

49. **J.T. Anderson,** C.-R. Lee and T. Mitchell-Olds, 2014. Strong selection genome-wide enhances fitness tradeoffs across environments and episodes of selection. Evolution. 68(1): 16-31.

50. **J.T. Anderson [+],** M. Wagner[+], K. Prasad, C. Rushworth, and T. Mitchell-Olds, 2014.The evolution of quantitative traits in complex environments. Heredity. 112: 4-12. [+] Equal contributions.

51. C. Topp, A. Iyer-Pascuzzi, **J.T. Anderson**, C.-R. Lee, P. Zurek, O. Symonova, Y. Zheng, A. Bucksch, Y. Mileyko, T. Galkovsky, B. Moore, J. Harer, H. Edelsbrunner, T. Mitchell-Olds, J. Weitz, and P.N. Benfey, 2013. Three-dimensional modeling and high-resolution phenotyping of living root systems identifies dozens of QTL controlling root architecture of rice. Proceedings of the National Academy of Sciences. 110(18): E1695-E1704.

52. B. Krizek and **J.T. Anderson,** 2013. Control of flower size. Journal of Experimental Botany. 64(6): 1427-1437.

53. **J.T. Anderson**, C.-R. Lee, C. Rushworth, R. Colautti, and T. Mitchell-Olds, 2013. Genetic tradeoffs and conditional neutrality contribute to local adaptation. Molecular Ecology. 22(3): 699-708

54. **J.T. Anderson,** A.M. Panetta and T. Mitchell-Olds, 2012. Evolutionary and ecological responses to anthropogenic climate change. Plant Physiology. 160: 1728-1740.

55. K. Prasad, B.-H. Song, C. Olson-Manning, **J.T. Anderson**, C.-R. Lee, M.E. Schranz, A. Windsor, M. Clauss, A.J. Manzaneda, I. Naqvi, M. Reichelt, J. Gershenzon, S. Rupasinghe, M. Schuler, T. Mitchell-Olds, 2012. A gain of function polymorphism controlling complex traits and fitness in nature. Science. 337: 1081-1084.

56. **J.T. Anderson,** D.W. Inouye, A. McKinney, R. Colautti, and T. Mitchell-Olds, 2012. Phenotypic plasticity and adaptive evolution contribute to advancing flowering phenology in response to climate change. Proceedings of the Royal Society of London B: Biological Sciences. 279: 3843-3852. **Recommended by Faculty of 1000.**

57. **J.T. Anderson**, J. Willis, and T. Mitchell-Olds, 2011. Evolutionary genetics of plant adaptation. Trends in Genetics. 27(7): 258-266.

58. **J.T. Anderson,** C.-R. Lee, and T. Mitchell-Olds, 2011. Life history QTLs and natural selection on flowering time in *Boechera stricta*, a wild relative of *Arabidopsis*. Evolution. 65(3): 771-787.

59. M. Horn, S. Correa, P. Parolin, B. Pollux, **J. T. Anderson**, C. Lucas, P. Widmann, A. Tiju, M. Galetti and M. Goulding, 2011. Seed dispersal by fishes in tropical and temperate fresh waters: the growing evidence. Acta Oecologia. 37: 561-577.

60. **J.T. Anderson** and T. Mitchell-Olds, 2011. Ecological genetics and genomics of plant defences: Evidence and approaches. Functional Ecology. 25: 312-324.

61. **J.T. Anderson,** T. Nuttle, J. Saldaña Rojas [T], T. Pendergast, A. Flecker, 2011. Extremely long-distance seed dispersal by an overfished Amazonian frugivore. Proceedings of the Royal Society of London B: Biological Sciences. 278: 3329-3335.

62. **J.T. Anderson,** J. Sparks and M. Geber, 2010. Phenotypic plasticity despite source-sink population dynamics in a long-lived perennial plant. New Phytologist. 188: 856-867.

63. **J.T. Anderson** and M. Geber, 2010. Demographic source-sink dynamics restrict localadaptation in Elliott's blueberry (*Vaccinium elliottii*). Evolution. 64(2): 370-384.

64. A. Flecker, A.S., P. McIntyre, J. Moore, **J. T. Anderson**, B. Taylor, R. Hall, Jr., 2010. Migratory fishes as material and process subsidies in riverine ecosystems. Pages: 559-592 *In*: Community Ecology of Stream Fishes, K. Geido and D. Jackson, eds. American Fisheries Society, Bethesda, Maryland.

65. **J.T. Anderson,** A. Landi [U], P.L. Marks, 2009. Limited flooding tolerance restricts adult distribution patterns of a perennial shrub (*Itea virginica,* Iteaceae). American Journal of Botany. 96: 1603-1611.

66. **J.T. Anderson,** J. Saldaña Rojas [T], A.S. Flecker, 2009. High quality seed dispersal by Amazonian fruit-eating fishes. Oecologia. 161: 279-290.

67. **J.T. Anderson,** 2009. Positive density dependence in juveniles of two Neotropical tree species. Journal of Vegetation Science. 20: 27-36.

68. W. Carson, **J.T. Anderson**, E. Leigh, and S. Schnitzer, 2008. Challenges associated with testing and falsifying the Janzen-Connell Hypothesis: A review and critique. Pages: 210-241 *In:* Tropical Forest Community Ecology, W. Carson and S. Schnitzer, eds. Blackwell Publishing. Oxford, U.K.

69. **J.T. Anderson** and D. Morse. 2001. Pick-up lines: cues used by male crab spiders tofind reproductive females. Behavioral Ecology 12 (3): 360-366.

Other contributions, including commentaries

1. **Anderson, J.T.**, 2022. Genetic trade-offs and unexpected life history traits shape local adaptation in *Trifolium repens*. Molecular Ecology. https://doi.org/10.1111/mec.16544
2. Denney, D. [G] and **J.T. Anderson**, 2019. Natural history collections document biological responses to climate change. Global Change Biology. https://doi.org/10.1111/gcb.14922
3. **Anderson, J.T.** and T. Mitchell-Olds, 2010. Beyond QTL Cloning. PLoS Genetics. 6 (11): e1001197.
4. Rypien, K., **J.T. Anderson**, J. Andras, R. Clark, G. Gerrish, J. Mandel, M. Nydam, D. Riskin. 2007. Students unite to create State of the Planet Course. Nature 447: 775.

GRANTS AND FELLOWSHIPS

I have not included awards to my graduate students, although they have successfully received internal and external grants in support of their research.

Current

2022 National Science Foundation, Organismal Responses to Climate Change program. "Collaborative Research: ORCC: RUI: Integrating evolutionary and migratory potential of *Chamaecrista fasciculata* into forecasts of range-wide population dynamics under climate change." Lead PI: Jill Anderson, co-PIs: Megan DeMarche (UGA), Susana Wadgymar (Davidson College), Emily Josephs (Michigan State University), Seema Sheth (North Carolina State University), Jenny Cruse-Sanders (State Botanical Garden of Georgia). Total budget: $2,236,398. UGA component: $1,070,538.

Past

2020 American Iris Society Foundation, "Conflicting Selection on Flower Size in *Iris missouriensis*." PI: Jill Anderson. $18,369.

2018 National Institutes of Health, Ecology of Infectious Diseases "Coupled Macroparasite-Microparasite Interactions: Ecological and Evolutionary Consequences of Coinfection" PI: Vanessa Ezenwa, co-PIs: Anderson, A. Jolles, P. Rohani. Anderson component: $87,846

2017 National Science Foundation. "Collaborative Research: Reasons for Rarity? Exploring Acclimatory and Adaptive Constraints to Commonness." PI: Jennifer Boyd, co-PIs: Jenny Cruse-Sanders, Jill Anderson, Carol Baskauf. Anderson component: $40,000.

2016 National Science Foundation. "CAREER: Evolutionary Consequences of Climate Change: Testing key hypotheses in a montane mustard." $1,112,474. PI: J.T. Anderson.

2013 National Geographic Society. Committee for Research and Exploration. "How fish help plant forests and maintain their biodiversity: The Implications of overfishing in South America." $20,000. PI: J.T. Anderson.

University of South Carolina, internal funding from ASPIRE program "Adaptive evolution in the context of rapid climate change." $10,695. PI: J.T. Anderson

Eppley Foundation for Research. "Consequences of seed dispersal by fruit-eating fish for plant biodiversity and regeneration" $27,676. PI: J.T. Anderson

In graduate school

2008 Department of Ecology and Evolutionary Biology, Cornell University. One semester fellowship for dissertation writing. $10,000.

2006 National Science Foundation, Doctoral Dissertation Improvement Grant. "Evolution of plant traits in a spatially and temporally heterogeneous landscape," $12,000. With M. Geber and P. Marks.

Center for the Environment, Cornell University. "Seed dispersal by fish in a Peruvian floodplain forest," $5000.

National Geographic Society. "Seed dispersal by fish in a Peruvian floodplain forest." With A. Flecker, $19,604.

2005 Andrew Mellow Foundation, Cornell University. "Differentiation between upland and bottomland populations of Elliott's blueberry (*Vaccinium elliottii*)," ($800) and "Does interhabitat gene flow impede local adaptation in Elliott's blueberry (*Vaccinium elliottii*)?" ($1500).

2003 Wildlife Conservation Society Fellowship. "Seed dispersal by fish in a Peruvian floodplain forest," $17,000.

2001 National Science Foundation, Graduate Fellowship. ~$80,000 over 3 years.

PRESENTATIONS

Invited Presentations

2024 Society for Integrative and Comparative Biology annual conference (Atlanta, GA). Gordon conference on plant-herbivore interactions (Pomona, CA). Assisted Migration Conference (keynote speaker; San Francisco, CA).

2024 Botanical Society of America Symposium on Climate Change Responses. Heinrich Heine University Düsseldorf, Germany. Conference Jacques Monod, Roscoff, France. Columbus Botanical Garden Naturalist Symposium.

2023 Florida State University (Botany Department), Annals of Botany Lecture (Botany Conference), University of British Columbia (Department of Botany)

2022 ETH Zurich (remote seminar), Southeastern Population Ecology and Evolutionary Genetics plenary speaker (Georgia).

2021 Western Carolina University (remote seminar; Department of Biology), Syracuse University (remote seminar; Department of Biology)

2020 University of Colorado at Boulder (Ecology and Evolutionary Biology, in person), Eastern Illinois University (keynote speaker at Darwin Day events; 3 seminars total, in person), Fordham University (remote seminar; Department of Biology) Atlanta Botanical Garden Science Café (remote seminar)

2019 Michigan State University (Kellogg Biological Station), Linger Longer Living seminar (Reynolds Plantation Lake)

2018 University of South Florida (Department of Integrative Biology), Pennsylvania State University (Deparment of Biology), Purdue University (Department of Botany and Plant Pathology), University of Michigan (Green Life Symposium)

2017 Indiana University (Department of Biology); Brown University (Department of Ecology and Evolutionary Biology); Cornell University (Department of Ecology and Evolutionary Biology); McGill University (Biology Department);

2016 Washington University (Department of Biology, Grad student invited speaker); Emory University (Department of Biology, Grad student invited speaker); University of Toronto (Department of Biology); American Genetics Association (Presidental Symposium on local adaptation, Asilomar, CA); Ecological Society of America (Symposium on Eco-Evolutionary Dynamics in Anthropocene Ecosystems)

2015 Clemson University (Department of Biological Sciences, upcoming); University of Georgia (Plant Center Retreat); University of Georgia (Department of Plant Biology); Dartmouth University (Department of Biological Sciences); University of California, Davis. Center for Population Biology, Grad Student Mini-Conference.

2014 American Society of Naturalists (ASN), Vice Presidental Symposium on local adaptation, organized by Dr. Mike Whitlock. Joint meeting of the ASN and the Society for the Study of Evolution. Raleigh, NC. June 2014.

University of Georgia (Department of Genetics); SC Native Plant Society (The Citadel; Charleston, SC); Clemson University (Department of Biological Sciences); Holden Arboretum.

2013 Kansas State University (Division of Biology); College of Charleston (Department of Biology); Estación Biologica Doñana, Sevilla, Spain; Association of Zoological Horticulture, Annual conference, Columbia, SC.

2012 Japanese-American Kavli Frontiers of Science Symposium (Irvine, California); New Phytologist Workshop on Ecological and Evolutionary Genomics of Plant Adaptation (Aberdeen, U.K.); Rocky Mountain Biological Laboratory, weekly seminar series; Harvard University (Department of Organismic and Evolutionary Biology); Yale University (Department of Ecology and Evolutionary Biology); Virginia Tech (Department of Biological Sciences); University of Memphis (Department of Biological Sciences); University of Missouri, St. Louis (Department of Biology); University of Kansas (Ecology and Evolutionary Biology Department); University of South Carolina (Department of Biological Sciences).

2011 University of Michigan (Ecology and Evolutionary Biology Department); Rocky Mountain Biology Laboratory (Graduate and postdoctoral seminar series); *Boechera* Summit, Mountain Research Station and Colorado State University; Chicago Botanical Garden (Plant Science and Conservation); Syracuse University (Biology Department); Duke University (Population Biology Seminar Series)

2010 Rocky Mountain Biology Laboratory (Graduate and postdoctoral seminar series)

2009 Duke University (Population Biology Seminar Series)

2008 Duke University (Biology Department)

2007 University of Pittsburgh (Ecology and Evolution)

Organized symposia

2020 Spotlight Session: Evolutionary consequences of global change. I was invited to organize a symposium for the annual meeting of the Society for the Study of Evolution. My proposal was accepted and I had lined up speakers when the conference was canceled due to COVID-19

2017 Symposium: Plant climatic adaptation in the new genomic era. International Botanical Congress (Shenzhen, China). I co-organized this symposium with Dr. Bao-Hua Song.

Contributed abstracts

2021 E. Hamann and **J.T. Anderson**. Costs of reproduction under experimental climate change across elevations in the perennial forb *Boechera stricta*. Joint annual conference of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists. Virtual conference.

2021 R. MacTavish and **J.T. Anderson**. Resource availability alters fitness trade-offs: implications for evolution in stressful environment. Joint annual conference of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists. Virtual conference.

2021 S. McKlin, S.M. Wadgymar, and **J.T. Anderson**. Assessing the Feasibility of Assisted Gene Flow as a Conservation Strategy to Mitigate the Effects of Climate Change. Stand Alone Conference of the American Society of Naturalists. Virtual Asilomar.

2020 R. MacTavish and **J.T. Anderson**. Resource ability alters fitness trade-offs: implications for evolution in stressful environments. Southeastern Population Ecology and Evolution Group

2020 Blevins, C., Hamann, E., Frank, S., M. Inam, J., & **J.T. Anderson**. A meta-analytical view on the effects of climate change in plant-herbivore interactions. Plant Biology Worldwide summit. Annual conference of the American Society of Plant Biologists.

2018 **J.T. Anderson** and S. Wadgymar. Local adaptation in the context of climate

change: Insights from field studies with the subalpine mustard plant, *Boechera stricta*. Symposium S-64 Rapid Evolutionary Responses to Global Change. Second Joint Conference on Evolutionary Biology, Montpellier, France

2018 S. Wadgymar and **J.T. Anderson**. Maternal effect mitigate maladaptation to climate change. Stand Alone Conference of the American Society of Naturalists. Asilomar, California

2017 Wadgymar, S. and **J.T. Anderson**. Climate change generates maladaptation along an elevational gradient. Oral presentation. Joint annual conference of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists in Portland, OR.

2017 Wadgymar, S. and **J.T. Anderson**. Alternative interpretations of phenological responses to climate change. Oral presentation. Janet Meakin Poor Symposium on 'Timing is Everything: The Impacts of Changes in Phenology.' Chicago Botanical Garden.

2016 Wadgymar, S. and **J.T. Anderson**. Climate change, germination, and survival in the montane perrenial plant, *Boechera stricta.* Poster presentation. Joint annual conference of the Society for the Study of Evolution, the Society of Systematic Biologists, and the American Society of Naturalists in Austin, TX.

2016 Correa, S., , C. Nunes Da Cunha, J. Penha, **J.T. Anderson.** Fleshy fruits in Neotropical wetlands: The influence of seed dispersal by fish on the evolution of fruit traits. Organized Oral Session to which Dr. Correa was invited. Ecological Society of America: Ft. Lauderdale.

2015 Correa, S., J. Araujo, J. Penha, C. Nunes Da Cunha, P. Stevenson, **J.T. Anderson.** Overfishing could disrupt an ancient mutualism between frugivorous fishes and plants in Neotropical wetlands. Organized Oral Session to which I was invited and Correa presented. Ecological Society of America: Baltimore, MD.

2013 **Anderson, J.T.** , D. Inouye, A. McKinney, R. Colautti, T. Mitchell-Olds. Advancing flowering phenology in a warming world: Contributions of phenotypic plasticity and adaptive evolution. American Society of Plant Biology. Providence, RI.

2012 **Anderson, J.T.** , D. Inouye, A. McKinney, R. Colautti, T. Mitchell-Olds. Phenotypic plasticity and adaptive evolution contribute to advancing flowering phenology in response to climate change. Evolution. Ottawa, Canada.

2011 **Anderson, J.T.** , T. Mitchell-Olds. Fitness tradeoffs at an ecologically-relevant flowering time QTL contribute to local adaptation in *Boechera stricta* (Brassicaceae). In Thematic Topic*: Ecological Causes of Evolution*. British Ecological Society: Sheffield, U.K.

Anderson, J.T. C.-R. Lee, T. Mitchell-Olds. Local adaptation results from genetic tradeoffs at the QTL (Quantitative Trait Locus) level in *Boechera stricta*, a wild relative of *Arabidopsis*. In Organized Session: *Molecular Tools and Ecology: A Guide for Genomic-Phobic Ecologists*. Ecological Society of America: Austin, Texas.

Prasad, K., B.-H. Song, A. Manzaneda, **J. T. Anderson**, C.-R. Lee, C. Olson-Manning, T. Mitchell-Olds. Cloning and characterization of the gene responsible for branched chain glucosinolates in *Boechera stricta*. Plant Biology: Minneapolis, Minnesota. Poster Presentation

2010 **Anderson, J.T.**, C.-R. Lee, T. Mitchell-Olds. Quantitative trait loci underlying variation in flowering in different environmental conditions in *Boechera stricta*, a close relative of *Arabidopsis*. Ecological Society of America: Pittsburgh, Pennsylvania.

Horn, M., S. Correa, P. Parolin, B. Pollux, **J.T. Anderson**, C. Lucas, P. Widmann, A. Tiju, M. Galetti, M. Goulding. Seed dispersal by fishes in tropical and temperate fresh waters: the growing evidence. Frugivores and Seed Dispersal. Montpellier, France.

2009 **Anderson, J.T.** Selection on phenotypic plasticity in Elliott's blueberry (*Vaccinium elliottii*), a species demonstrating source-sink dynamics. Ecological Society of America: Albuquerque, New Mexico.

2007 **Anderson, J.T.** Evolution of a native blueberry (*Vaccinium elliottii)* in a spatially and temporally heterogeneous landscape. Ecological Society of America: San Jose, California.

Landi, A., **J.T. Anderson**, P. Marks. Ontogenetic niche shifts in an understory shrub (*Itea virginica*) from Southeastern Cypress-Tupelo swamps. Ecological Society of America: San Jose, California. Poster presentation by undergraduate honors student.

2005 **Anderson, J.T.**, J. Saldaña-Rojas, C. Rojas. Seed dispersal by fishes in a Neotropical floodplain forest. Ecological Society of America: Montreal, Canada.

2004 **Anderson, J.T.** Microhabitat associations of Neotropical seedlings and saplings. Ecological Society of America: Portland, Oregon. Poster presentation.

TEACHING APPOINTMENTS

2024-present Fundamentals of Evolutionary Ecology (ECOL 8100), spring semester. UGA. Co-taught with Drs. S. Altizer and J. Wares

2016-present Fundamentals of Evolutionary Genetics (GENE 8150), fall semester. UGA. Co-taught with Dr. C. Bergman.

2015-present Evolutionary Ecology (ECOL 4500/6500), spring semester. UGA. Sole instructor (2015-2019). Co-taught with Dr. T. Sasaki (2020-2024) Dr. T. Pendergast (2025).

2016, 2021-22 Topics in Modern Ecology (ECOL 8000), fall semester. UGA. Responsible for a 3 week-long module on global change ecology.

2014 Environmental Issues Seminar (ENVR 590). University of South Carolina

2013 Environmental Issues Seminar (ENVR 590). University of South Carolina (new course, which I designed and taught)

	Survey of the Plant Kingdom (BIOL 420). University of South Carolina (existing course, which I modified)
2012	Conservation Biology (ENVR 501C). University of South Carolina (new course, which I designed and taught).
2007	Instructor, Writing intensive section, Evolutionary Biology (BIOEE 278). Cornell University.
2005-2006	Head Teaching Assistant, Evolutionary Biology (BIOEE 278). Cornell University (two semesters).
2003	Teaching Assistant, Plant Physiological Ecology (BIOEE 466). Cornell University.
2002	Teaching Assistant, Field Ecology (BIOEE 463). Cornell University.
1997	Teaching Assistant, Animal Behavior (Bio 45). Brown University.

AWARDS

2024	Russell Award for Excellence in Undergraduate Teaching, UGA's highest early career teaching honor for outstanding and innovative instruction.
2022	Sandy Beaver Excellence in Teaching Award, UGA.
2019	Odum School of Ecology Outstanding Teacher, UGA.
2013	Women's Young Investigator Travel Award. American Society of Plant Biologists. $1000.
2008	Excellence in Teaching, Ecology and Evolutionary Biology, Cornell University.
1998	Senior Prize in Biology for undergraduate thesis work, Brown University.

PROFESSIONAL ACTIVITIES & SERVICE

Guest Editor

2023-2025	Guest Associate Editor for special issue of Evolutionary Applications on evolutionary rescue

Senior Editor

2022-2025	Senior Editor for The American Naturalist

Associate Editor

2020-2023	Associate Editor for Proceedings of the Royal Society B: Biological Sciences
2018-2022	Associate Editor for The American Naturalist
2016-2022	Associate Editor for Ecology and Evolution
2018-2020	Associate Editor for Evolution

External evaluator

2023-2025	External Scientific Evaluator for NSF Organismal Response to Climate Change Project Awards 2222464, 2222465, and 2222467 to Drs. Ben Blackman, Daniel Runcie, Jason Sexton and their co-PIs.

Manuscript and grant reviewer

2014-present Panelist: NSF DDIG panelist (2), NSF preliminary proposal panelist (1), NSF full proposal panelist (9), NSF Dimensions of Biodiversity panelist (1), NSF Organismal Responses to Climate Change panelist (1)

2004-present Ad hoc reviewer for: Canada Research Chairs, Alberta Conservation Association, National Science Foundation, National Geographic Society, Natural Sciences and Engineering Research Council of Canada (NSERC), E.U. Marie Curie Plant Fellows Postdoctoral Fellowship, European Research Council, U.S.-Israel Binational Science Foundation, Science, Science Advances, Nature, Nature Communications, Nature Ecology and Evolution, New Phytologist, Oecologia, Molecular Ecology, Molecular Ecology Resources, Journal of Ecology, Proceedings of the National Academy of Sciences, Evolution, Perspectives in Plant Ecology, Evolution and Systematics, Plant Physiology, PLoS Biology, Functional Ecology, Genome Biology and Evolution, Proceedings of the Royal Society of London B: Biological Sciences, American Journal of Botany, PLoS Genetics, The American Naturalist, Ecology, PLoS One, Trends in Ecology and Evolution, Biological Reviews, Current Biology, Ecology Letters, Botany, Evolutionary Applications, Ecological Applications, Ecography, Journal of Heredity, Journal of Evolutionary Biology, Oikos, BMC Evolutionary Biology, Plant Ecology, Plant Biology, Tropical Conservation Science, Molecular Ecology Resources, Biotropica, and Texas Journal of Science.

2007 Reviewer for Sigma Xi student research and travel grants and Andrew Mellon Foundation student research grants, Cornell University.

2005 Reviewer for Neotropical Grassland Conservancy grants for students from Latin American universities (http://www.conservegrassland.org/home.htm)

Mentorship

Postdoctoral Fellows Supervised

2023-present Lillie Pennington
2019-2021 Elena Hamman, currently Assistant Professor Heinrich Heine University Düsseldorf, Germany
2018-2019 Jordan Bemmels, currently Postdoctoral Fellow (University of Toronto Scarborough)
2015-2018 Susana Wadgymar, currently Assistant Professor (Davidson College)
2013-2016 Sandra Correa, currently Associate Professor (Mississippi State University)

Graduate Students Supervised

Current

Mia Rochford	Ph.D. candidate, Plant Biology Department, UGA
Kelly McCrum	Ph.D. candidate, Plant Biology Department, UGA
Ephie Magige	Ph.D. student, Genetics Department, UGA

Graduated

Samantha Day	Ph.D., Genetics Department, UGA. Graduated May 2025
Elizabeth Thomas	M.S., Genetics Department, UGA. Graduated May 2025

Derek Denney	Ph.D., Plant Biology Department, UGA. Graduate August 2024.
Inam Jameel	Ph.D., Genetics Department, UGA. Graduated May 2024.
Rachel MacTavish	Ph.D., Genetics Department, UGA. Graduated May 2022.
Rebecca Givens	Master of Earth & Environmental Resources Management, University of South Carolina, graduated 2015
Sam Johnson	Master of Earth & Environmental Resources Management, University of South Carolina, graduated 2014
Rebecca Cain	Master of Earth & Environmental Resources Management, University of South Carolina, graduated 2014. Currently Ph.D. candidate, Department of Fisheries and Wildlife, Michigan State University
Ben Buchanan	Master of Earth & Environmental Resources Management, Internship option (no thesis) University of South Carolina, graduated 2014
Jacob Rougeaux	Master of Earth & Environmental Resources Management, Internship option (no thesis) University of South Carolina, graduated 2013

Visiting Graduate Student Supervised

Ruth Martín Sanz	Fall 2015: Visiting Ph.D. student from Forest Research Centre CIFOR-INIA in Madrid (Spain)

Graduate Student Research Rotations

Ephie Magige	Fall 2024
Elizabeth Thomas	Fall 2024
Miranda McKibben	Fall 2022
Amber Rittgers	Fall 2020
Hannah Cook	Fall 2020
Chazz Jordan	Fall 2020
Matt Farnitano	Fall 2019
Kyle Thao	Fall 2019
Samantha Day	Fall 2019
Kelly McCrum	Fall 2019
Meghan Brady	Fall 2019
Jacque Peña	Fall 2018
Derek Denney	Fall 2018
Mia Rochford	Fall 2018
Inam Jameel	Fall 2018
Rebecca Klee	Fall 2018
Rachel Perez	Fall 2017
Margot Popecki	Fall 2017
Deidre Keating	Fall 2017
Gabbie Sandstedt	Fall 2016
Karen Bobier	Fall 2015

Graduate Student Dissertation Committee Member

Lu Wang	Genetics (Advisor: Kaixiong Lee)

Logan Scott	Genetics (Advisor: Andrea Sweigart)
Henry Davie	Ecology (Advisor: Stacey Lance)
Abigail Bickle	Ecology (Advisor: Ben Parrott)
Christian Brown	Ecology (Advisor: Jackie Mohan)
TJ Odom	Ecology (Advisor: Sonia Altizer)
Riley Thoen	Plant Biology (Advisor: Megan DeMarche)
Emma Chandler	Plant Biology (Advisor: Megan DeMarche)
Ben Long	Genetics (Advisor: Jeff Bennitzen)
Matt Farnitano	Genetics (Advisor: Andrea Sweigart), graduated 2024.
Jacque Peña	Plant Biology (Advisor: Douda Bensasson), graduated 2025.
Nathan Ashley	Ecology (Advisor: Jackie Mohan), graduated 2024.
Isabella Ragonese	Ecology (Advisors: Sonia Altizer and Richard Hall), graduated 2024.
Emma Horne	Plant Biology (Advisor: Megan DeMarche), graduated 2024.
Paige Duffin	Genetics (Advisor: John Wares), graduated 2024.
Hanxia Li	Institute of Bioinformatics (Advisor: Jason Wallace), graduated 2023
Gabbie Sandstedt	Genetics (Advisor: Andrea Sweigart), graduated 2023.
Sam Mantel	Genetics (Advisor: Andrea Sweigart), graduated 2023.
Rachel Perez-Udell	Plant Biology (Advisor: Shu-mei Chang), graduated 2022.
Shannon Harris	Entomology (Advisor: Allen Moore), graduated 2022.
Jason Peterman	Horticulture (Advisor: Marc van Iersel), graduated 2022.
Vivian Tran	Plant Biology (Advisor: Shu-mei Chang), graduated 2021.
Matthew Hale	Ecology (Advisor: Benjamin Parrott), graduated 2019.
Victoria Burns	Plant Biology (Advisor: Lisa Donovan), graduated 2019.
Nick Batora	Genetics (Advisor: Rodney Mauricio), graduated 2018.
Greg Evans	Plant Biology (Advisor: Shu-mei Chang), graduated 2018.
Katie Putney	Plant Biology (Advisor: Shu-mei Chang), graduated 2017.
Christian Schwoyer	Genetics (Advisor: Katrien Devos), left program 2015.
Zak Gezon	Ecology and Evolutionary Biology, Dartmouth (Advisor: Rebecca Irwin), graduated 2015.
Davina Rhodes	Department of Biological Sciences, University of South Carolina (Advisor: Steve Kresovich), graduated 2014.
Nadia Shakoor	Department of Biological Sciences, University of South Carolina (Advisor: Steve Kresovich), graduated 2014.

Master in the Arts of Teaching (MAT) graduate students mentored in field research

Laura Pyper	Summer 2016 (University of Georgia), funded via NSF CAREER award
Kristen Goehring	Summer 2016 and 2017 (University of Georgia), funded via NSF CAREER award
Anna Battiata	Fall 2013-Fall 2015, including summer research in Colorado (University of South Carolina)
Zachary Minchow-Proffitt	Summer 2013 (University of South Carolina)

Teachers mentored in field research

Providence Ledbetter	Summer 2019, funded via NSF CAREER award
Olivia Caillouet	Summer 2019, funded via NSF CAREER award
Sara Salisbury	Summer 2019, funded via NSF CAREER award
Kaylee McCullough	Summer 2019, funded via NSF CAREER award

Simone Fine	Summer 2018, funded via NSF CAREER award
Ryan Zaremba	Summer 2018, funded via NSF CAREER award
Susan Kelly	Summer 2018, funded via NSF CAREER award
Bonny Oliver	Summer 2017, funded via NSF RET (Research Experience for Teachers) awarded to the Rocky Mountain Biological Laboratory. Ms. Oliver is a Biology & Earth Science Teacher from Ventura High School (Ventura, California).
Tatiana Vazquez	Summer 2013, funded via NSF ROA (Research Opportunity Award) awarded to the Rocky Mountain Biological Laboratory. Professor Vazquez is a Biology professor from San Bernardino Community College (San Bernardino, California).

Undergraduate, High School, and Middle School Student Researchers Supervised since 2012

University of Georgia:
Madelyn Deramus, Nikhil Manocha, Edward Gildea, Jackson Bennett, Jane Aloi, Cameron Blevins, Maanasa Javangula, Lin Aljandali, Leena Patel, Ron Saler, Caroline McConnell, Akash Patel, Caroline Beuscher, Zoe Bunch, Pratik Patel, Manav Kumar, Elijah Lee, Kira Hills, Chandler Metcalf, Andrea Klutz, Ian Vollmer, Luke Howard, Anthony Lee, Minh Chau Nguyen, Diana Lee, Jisu Lee, Ariana Walker, Aiden Cho, Shamil Lakhani, Ameilia Tochtrop, Kevin Dinh, Natalie Hogan, Geesu Kim, Nick Schwalje, Minseung Kim, Esther Yeom, Eldad Saler, Charlyn Shue, Sohyeon Jung, Kathryn Mckibben, James Workman, Haley Nagle, Sunishka Thakur, Nitish Munamala, Sahana Srivatsan, Haaroon Tariq, Amy Bohon, Cameron Cushing, Courtney Bartlone, Jackie Bonilla, Cody Lee, Elnaz Gerailmoghadam, Zoe Schneider, Yoojin Lee, Namra Aslam, Cherien Abou-harb, Tiffany Jones, Bonnie Pirlot, and Jessica Teleaga.

Undergraduate thesis reader (University of Georgia): Rachael Eggleston, Ben Frick, Adam Greer, Andy Austin, Jenna Mathwig, Niki Gajar

Summer fieldwork (Rocky Mountain Biological Laboratory)
Nora Oviatt, Emma Fetterly, Bronwyn Taylor, Wren Marks, Tayler Grimm, Paige Rumery, Jillian Ragno, Katie Bardsley, Megan Verner-Crist, Priya Vaidya, Rose Dawson, Jen Adachi, Caroline Daws, Kathy Soto, Robert Burns, Ansley McDurmon, Laurel Schumm, Kiyomi Rodriguez, Adam Popma, Ellen Goodrich-Stuart, Natalie Lowell, Kathy Soto, Robin Embick.

University of South Carolina:
Alyssa Adkins, Dylan Cobb, Katie Hester, Nikhil Mathur, Alexandra Mele, Brittany Padget, Reena Patel, Brenna Teixeira, Cassidy Way, Brett Whalen,Mallori Williams

High School Students through the YoungDAWGs program: Irina Robinson, Saisri Tangirala, Emma Sayeski, Zainub Ali, Reeya Patel, Mack Puder, Emily Suggs

Middle School student through Athens Montessori School: Noam Thrift

Laboratory technician: Bashira Chowdhury, Rachel Mactavish, Stephanie Graham, Amy Bohon

Prior mentorship

2011-2013	Advised Duke undergraduate, Emily Mattoon, on senior honors thesis.
2011-2012	Mentored Duke undergraduate, Mathias Skadow, through Duke's Research Scholars Program.

2004-2006 Advised Cornell undergraduate, Alicia Landi, on her senior honors thesis.

2004-2006 Advised 11 Peruvian undergraduate students (Joe Saldaña Rojas, Cahuide del Busto Rojas, J. Barrera Macedo, J. Vásquez, R. Rosales, S. Vázquez, S. Pérez, L. Ramírez, E. Yumbato, A. Sima, O. Yumbato) in the study of seed dispersal.

Teaching

2005 On curriculum development committee for the State of the Planet course, BioNB 321, Cornell University (http://www.nbb.cornell.edu/neurobio/BioNB321/).

Professional development activities

2020-2021 Faculty Learning Community course entitled "Celebration of Diversity through Course Development" at UGA.

2020 Academics for Black Survival and Wellness, online.

2019 Mentor training for NIH trainers (8 hours), based on the CIMER curriculum

2017 Safe Space training (4 hours), UGA LGBT Resource Center

2016-present Diversity and Inclusion training. Attended > 10 workshops on Diversity, Equity and Inclusion through UGA's Office for Institutional Diversity, ranging from Mental Health to Anti-Harassment training. I am completing the Certificate in Diversity and Inclusion.

2013-present Curriculum development for high school summer field course at the Rocky Mountain Biological Laboratory. I collaborated with Ms. Lisa Hart, middle and high school math and science teacher from Crested Butte Community School (Colorado) to design the course. Hart and I co-taught the course in 2014 and 2015. I co-taught the course with Ms. Erin Fabbre in 2016-2019, and with Ann Colbert in 2020 and 2021.

2010-present Instructor in (1) workshops for students on experimental design and field studies every year and (2) global change biology presentations to the public in 2013 and 2015. (3) Participant in panel discussions on diversity in ecology and evolutionary biology at the Rocky Mountain Biological Laboratory.

2012-2014 Judge for University of South Carolina Science and Engineering Fair (high school juniors and seniors and middle school students), and for South Carolina Alliance for Minority Participation Science Fair.

2011 Participant in molecular biology and genomics working group hosted by the National Association of Marine Laboratories and the Organization of Biological Field Stations. Colorado Springs, Colorado.

2006 Co-organizer of Scientific Careers Discussion Panels for graduate students on research ethics, and grant and manuscript review, Ecology and Evolutionary Biology Department, Cornell University.

Other Service

2023-present Member of research evaluation committee, Rocky Mountain Biological Laboratory

2019-present	Promotion and Tenure committee, Odum School of Ecology, University of Georgia
2019-present	Diversity, Equity and Inclusion committee, Genetics Department, University of Georgia
2015-present	Graduate affairs committee, Genetics Department, University of Georgia
2023-2024	Search committee chair, tenure track Assistant Professor in Evolutionary Ecology, Odum School of Ecology
2022-2023	Search committee, Dean of the Odum School of Ecology, University of Georgia
2021-2022	Search committee, Quantitative Disease Ecologist, Odum School of Ecology, University of Georgia
2020-2021	Member of review committee for the Odum School of Ecology tasked by Provost Hu to conduct a programmatic review and serve as the search committee for the new dean.
2020-2023	Member of Graduate Council, elected representative of Franklin College University of Georgia
2020-2023	Associate Graduate Affairs Coordinator, Genetics Department, University of Georgia
2019-2020	Rigor and Reproducibility committee, Genetics Department, University of Georgia
2018-2020	Board of Trustees, Rocky Mountain Biological Laboratory
2018-2020	Chair of Seminar Committee, Odum School of Ecology, University of Georgia
2019-2020	Graduate admissions committee, Integrated Plant Sciences, University of Georgia
2020-present	External evaluator for 4 Tenure and Promotion cases
2018-2019	Search Committee, Aboveground Plant Ecologist, Plant Biology, University of Georgia
2016-2019	Diversity committee, Odum School of Ecology, University of Georgia
2017-2018	Search Committee, Integrative Organismal Ecologist, Odum School of Ecology, University of Georgia
2016-2017	Search Committee, Plant Ecologist endowed chair, Plant Biology department, University of Georgia
2016-2018	Executive committee member, Odum School of Ecology, University of Georgia
2017-2018	Steering committee member, Odum School of Ecology, University of Georgia
2015-2016	Search committee, Lecturer position, Odum School of Ecology, University of Georgia
2013-2014	Chair of the Plant Sciences Group. Department of Biological Sciences. University of South Carolina
2013-2014	Graduate admissions committee, Master of Earth & Environmental Resource

Management. Environment and Sustainability Program. University of South Carolina

2012-2013 Faculty search committee, Plant Biochemist position. Department of Biological Sciences. University of South Carolina