Marko J. Spasojevic

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Education

2010 Ph.D. University of California Irvine, Irvine CA. School of Biological Sciences. Dissertation: "Species, trait, and phylogenetic associations in the alpine tundra: insights into the processes that affect community composition" Advisor: Dr. Katharine N. Suding

2004 B.S. University of Washington, Seattle WA. Biology (Ecology, Evolution, and Conservation)

2002 A.S. Shoreline Community College, Seattle WA.

Academic Appointments

2016-*Present* *Assistant Professor*, Department of Evolution, Ecology, and Organismal Biology, University of California Riverside

2015-2016 *Postdoctoral Researcher*, Institute for Arctic & Alpine Research, University of Colorado-Boulder

2013-2015 *Tyson Postdoctoral Research Fellow*, Department of Biology, Washington University in St. Louis

2010-2013 *Postdoctoral Researcher*, Department of Environmental Science and Policy, University of California-Davis

Grants and Funding

UC-ANR funds, "Linking forest dynamics and climate change to manage Southern California forests", $17,344. PI, University of California-Riverside 2021-2020

University of Colorado at Boulder, "LTER VII: Long-term research on the dynamics of high-elevation ecosystems-a framework to understand ecological responsiveness to climate change" $40,421. Sub-contract PI [this funding is a new sub-contract from an existing LTER grant], University of California Riverside, 2020-2021

University of Colorado at Boulder, "LTER VII: Long-term research on the dynamics of high-elevation ecosystems-a framework to understand ecological responsiveness to climate change" $30,421. Sub-contract PI [this funding is a new sub-contract from an existing LTER grant], University of California Riverside, 2020-2021

Niwot Ridge LTER – Niwot Synthesis working group, "Predicting species and community response to environmental change in the alpine tundra", $1,200 PI, University of California Riverside, 2019-2020

UC Regents Faculty Development Award, "Adapt, Move, or go Extinct: Will Species on the Tops of Mountains Survive Climate Change?", $8,000. PI, University of California-Riverside

UC-ANR funds, "Linking forest dynamics and climate change to manage Southern California forests", $26,000. PI, University of California-Riverside

Niwot Ridge LTER – Niwot VII, "Response of Plant-Pollinator Mutualisms to Early Snowmelt

and Along an Elevational Gradient", $8,036 Co-PI, University of California Riverside, 2019-2020

Niwot Ridge LTER – Niwot VII, "Growing Length Experiment: Year 2 Protocols and Alpine Sky Island Genetics", $10,200 PI, University of California Riverside, 2019-2020

USDA Forest Service, "Ecological Support for the Powerhouse Fire", *$288,497* Co-PI with PI Loralee Larios and two other Co-PIs, University of California Riverside, 2018-2021

Niwot Ridge LTER – Niwot VII, "Growing Length Experiment: Year 1 Protocols and Vegetation Data", *$21,941* PI, University of California Riverside, 2018-2019

University of California, Office of the President – Innovative Learning Technology Initiative grant, *$227,000*; Co-PI with PI Kurt Anderson and four other Co-PIs, University of California-Riverside 2018-2020

Academic Senate – Omnibus Travel grant, *$1,000*; University of California-Riverside 2017

Niwot Ridge LTER – Niwot VII, "Elucidating the dynamics of high-elevation ecosystems with functional traits", *$17,000* PI, University of California Riverside, 2017-2018

National Science Foundation - Division of Environmental Biology, "Integrating species traits into species pools: A multi-scale approach to understanding community assembly", *$758,675*; Co-PI with PI Jonathan Myers, Washington University in St. Louis, 2016-2021

Smithsonian Center for Tropical Forest Studies – Forest Global Earth Observatory, "Investigating the influence of regional functional diversity on local community assembly across a temperate biodiversity gradient", *$13,400*; PI with Co-PI Jonathan Myers, Washington University in St. Louis, 2013-2014

National Science Foundation - Doctoral Dissertation Improvement Grant, "Predicting community response to N-enrichment using plant traits", *$14,955*; University of California-Irvine, 2009

Postdoctoral Symposium – Presentation award; *$100*; Washington University in St. Louis, 2015

Postdoctoral Association – Travel Award, *$400*; University of California-Davis, 2011

School of Biological Sciences Dean's Office – Travel Award, *$200*; University of California-Irvine, 2007

Department of Ecology and Evolutionary Biology – Travel Award, *$200*; University of California-Irvine, 2007

Publications (h-index 31, >3,600 total citations, *papers with >100 citations, undergraduate authors underlined)

52. Rixen et al. (including **Spasojevic M.J.** and 50 other co-authors). *Accepted*. Winters are changing: Snow effects on Arctic and alpine tundra ecosystems. *Arctic Science*
51. Green, M., Anderson, K., Herbst, D., **Spasojevic, M.J.**, *Accepted*. Rethinking Biodiversity Patterns and Processes in Stream Ecosystems. *Ecological Monographs*.
50. **Spasojevic, M.J.** Homyak, P. Jenerette, D. Goulden, M.L. McFaul, S., Madsen-McQueen, T., Schauer, L., Solis, M. *Accepted*. Altered seasonal precipitation has larger positive impacts in warmer than cooler seasons. *Elementa*
49. Lembrechts et al. (including **Spasojevic M.J.** and 100+ other co-authors). *Accepted*. Mismatches between soil and air temperature. *Global Change Biology*.
48. **Spasojevic, M.J.** and Weber, S. 2021. Disentangling the role of shared ancestry and the environment on leaf stable isotopes. *Arctic, Antarctic, and Alpine Research* 54(1):340-351
47. Porazinska, D., Bueno de Mesquita, C., Farrer, E., **Spasojevic, M.J.**, Suding, K., Schmidt,

S. 2021. Nematode community diversity and function across an alpine landscape undergoing plant colonization of previously unvegetated soils. *Soil Biology & Biochemistry*. 161: Article 108380

46. Sedio, B.E., **Spasojevic, M.J.**, Myers, J.A., Wright, S.J., Person, D., Chandrasekaran, H., Dwenger, J.H., Prechi, M.L., López, C.A., Allen, D.A., Anderson-Teixeira, K.J., Baltzer, J.L., Bourg, N.A., Castillo, B.T., Day, N., Dewald-Wang, E., Dick, C.W., James, T.Y., Kueneman, J., Lamanna, J., Lutz, J.A., Mcgregor, I., McMahon, S.M., Parker, G.G., Parker J.D., Vandermeer, J. 2021. Chemical similarity of co-occurring trees decreases with precipitation and temperature in North American forests. *Frontiers in Ecology and Evolution*. 9(317)
45. Sandel, B., Pavelka, C., Hayashi, T., Funk, J., Halliday, F., Harrison, S., Kandlikar, G., Kleinhesselink, A., Larios, L., Madsen-McQueen, T., **Spasojevic, M.J.** *2021*. Predicting intraspecific trait variation among California's grasses. *Journal of Ecology*. 109(7): 2662-2677.
44. Iwaniec, D., Gooseff, M., Suding, K., Johnson, D., Reed, D., Peters, D., Adams, B., Barrett, J., Bestelmeyer, B., Castorani, M., Cook, E., Davidson, M., Hanan, N., Huenneke, L., Johnson, P., McKnight, D., Miller, R., Okin, G., Preston, D., Rassweiller, A., Ray, C., Sala, O., Schooley, R., Seastedt, T., **Spasojevic, M.J.**, Vivoni, E., Groffman, P. 2021. Future trajectories for ecosystems in the U.S. Long Term Ecological Research Network: The importance of connectivity in space and time to ecosystem dynamics. *Ecosphere.* 12(5): Article e03432
43. Huxley J.A., and **Spasojevic, M.J.** 2021. Area not geographic isolation mediates biodiversity responses of alpine refugia to climate change. *Frontiers in Ecology and Evolution*. 9(173)
42. Colins, C., **Spasojevic, M.J.**, Alados, C.L., Aronson, E.L., Benavides, J.C., Cannone, N., Caviezel, C., Grau, O., Guo, H., Kuhn, K.G., Müllerová, J., Phillips, M.L., Pombubpa, N., Reverchon, F., Shulman, H.B., Stajich, J.E., Stokes, A., Weber, S.E., Diez, J.M. 2021. Belowground Impacts of Alpine Woody Encroachment are determined by Plant Traits, Local Climate and Soil Conditions. *Global Change Biology*. 26(12):7112-7127
41. Carillo, A.J., Cabrera, I.E., **Spasojevic M.J.**, Schacht, P., Stajich, J.E., Borkovich, K.A., 2020. Clustering analysis of large-scale phenotypic data in the model filamentous fungus *Neurospora crassa*. *BMC Genomics*. 21:755
40. Hulshof C.M. and **Spasojevic, M.J.** 2020. The edaphic control of plant diversity. *Global Ecology and Biogeography*. 29:1643-1650
39. Thomas, H. J. D., A. D. Bjorkman, I. H. Myers-Smith, S. C. Elmendorf, D and 84 co-authors including **Spasojevic, M.J**., 2020. Global plant trait relationships extend to the climatic extremes of the tundra biome. Nature Communications. 11:1351
38. Harrison, S, **Spasojevic, M.J.**, Li, D. 2020. Climate and Plant Community Diversity in Space and Time. *Proceedings of the National Academy of Sciences* 117(9):4464-4470.
37. Gallagher, R. V., Falster, D. S., Maitner, B., Salguero-Gómez , R., Vandvik, V., Pearse, W. D., Schneider, F. D., Kattge, J., and 43 co-authors including **Spasojevic, M.J**., 2020. The Open Traits Network: Using Open Science principles to accelerate trait-based science across the Tree of Life. *Nature Ecology and Evolution* 4:294-303
36. Oberle, B., Lee, M., Myers, J., Osazuwa-Peters, O., **Spasojevic¸ M.J.**, Walton, M., Young, D., Zanne, A. 2020. Accurate forest ecosystem projections from wood decay experiments depend on temporal scale. *Global Change Biology* 26:864-875

35.*Kattage J. and 723 co-authors including **Spasojevic, M.J**., 2020. TRY plant trait database - enhanced coverage and open access. *Global Change Biology* 26(1):119-188

34. Farrer, E., Porazinska, D., **Spasojevic, M.J.**, King, A., Bueno de Mesquita, C., Sartwell, S., Smith, J., White, C., Schmidt, S., Suding, K. 2019. Soil microbial networks shift across a high-elevation successional gradient. *Frontiers in Microbiology* 10:2887.

33. Cecil, E., **Spasojevic, M.J.**, Cushman J.H. 2019. Cascading Effects of Mammalian Herbivores on Ground-Dwelling Arthropods: Variable Responses across Arthropod Groups, Habitats and Years. *Journal of Animal Ecology* 88(9):1319-1331

32. **Spasojevic, M.J.**, Harline, K., Stein, C., Mangan, S.A., Myers, J.A. 2019. Landscape context mediates the relationship between plant functional traits and decomposition. *Plant and Soil* 438(1-2):377-391

31. Thomas, H. J. D., I. H. Myers-Smith, A. D. Bjorkman, S. C. Elmendorf and 84 co-authors including **Spasojevic, M.J**., 2019. Traditional plant functional groups explain variation in economic but not size-related traits across the tundra biome. *Global Ecology and Biogeography* 28(2):78-95

30. Bjorkman, A. D., I. H. Myers-Smith, S. C. Elmendorf, S. Normand, N. Rüger, P. S. A., and 84 co-authors including **Spasojevic, M.J**., 2018. Tundra Trait Team: A database of plant traits spanning the tundra biome. *Global Ecology and Biogeography* 27(2):1402-1411

29.*Bjorkman, A. D., I. H. Myers-Smith, S. C. Elmendorf, S. Normand, N. Rüger, P. S. A and 84 co-authors including **Spasojevic, M.J**., 2018. Plant functional trait change with warming across the tundra biome. *Nature* 562:57-62

28. Bueno de Mesquita, C., Sartwell, S., Ordemann, E., Porazinska, D., Farrer, E.C., King, A.J., **Spasojevic, M.J.**, Smith, J.G., Suding, K.N., Schmidt, S. 2018. Patterns of root colonization by arbuscular mycorrhizal fungi and dark septate endophytes across a mostly-unvegetated, high-elevation landscape. *Fungal Ecology* 36:63-74

27. Porazinska, D., Farrer, E.C., **Spasojevic, M.J.**, Bueno de Mesquita, C., Sartwell, S., Smith, J.G., White, C., King, A.J., Suding, K.N., Schmidt, S. 2018. Plant diversity and density predict belowground diversity and function in an early successional alpine ecosystem. *Ecology* 99(9):1942-1952

26. **Spasojevic, M.J.**, Catano, C.P., LaManna, J.A., Myers, J.A. 2018. Integrating species traits into species pools. *Ecology* 99(6):1265-1276

25. Van Horn, T.R., Adalsteinsson, S.A., Westoby, K.M., Brio, E., Myers, J.A., **Spasojevic, M.J.**, Walton, M., Medley, K. 2018. Landscape physiognomy predicts abundance of the Lone Star tick, *Amblyomma americanum* (Ixodida:Ixodidae), in Ozark Forests. *Journal of Medical Entomology* 55(4):982-988

24. LaForgia, M., **Spasojevic, M.J.**, Case, E., Latimer, A.M., Harrison, S. 2018. Seed banks buffer native wildflowers, but not invasive grasses, during extreme drought. *Ecology* 99(4):896-903

23. Wang, X., Wiegand, T., Anderson-Teixeira, K.J., Bourg, N.A., Hao, Z., Howe, R., Jin, G., Orwig, D.A., **Spasojevic, M.J.**, Wang, S., Myers, J.A. 2018. Ecological drivers of spatial community dissimilarity, species replacement, and species nestedness across temperate forests. *Global Ecology and Biogeography* 27(5):581-592

22. Li, Y., Shipley, B., Price, J.N., Dantas, V.L., Tamme, R., Westoby, M., Siefert, A., Schamp, B.S., **Spasojevic, M.J.**, Jung, V., Laughlin, D.C., Richardson, S.J., Bagousse-Pinguet, Y.L., Schob, C., Gazol, A., Prentice, H.C., Gross, N., Overton, J., Cianciaruso, M.V., Louault, F., Kamiyama, C., Nakashizuka, T., Hikosaka, K., Sasaki, T., Katabuchi, M.,

Frenette Dussault, C., Gaucherand, S., Chen, N., Vandewalle, M., and Antônio Batalha, M.. 2018. Habitat filtering determines global patterns of species packing in functional space. *Journal of Ecology* 106(3):1001-1009

21. *Butler, E.E., Datta, A., Flores-Moreno, H., Fazayeli, F., Chen, M., Wythers, K.R., and 51 co-authors including **Spasojevic, M.J**., 2017. Mapping local and global variability in plant trait distributions. *Proceedings of the National Academy of Sciences* 114(51): E10937-E10946
20. Kimball, S., Funk, J., **Spasojevic, M.J.**, Suding, K.N., and Goulden, M.L. 2016. Can functional traits predict plant community response to global change? *Ecosphere* 7(12):e01602.
19. Chiang, J., **Spasojevic, M.J.**, Muller-Landau, H.C., Sun, I., Lin, Y., Su, S., Chen, Z., Chen, C., Swenson, N.G., McEwan. R.W. 2016. Functional composition drives ecosystem function through multiple mechanisms in a broadleaved subtropical forest. *Oecologia* 182(3):829-840
18. Eskelinen, A., Saccone, P., **Spasojevic, M.J.**, Virtanen, R. 2016. Herbivory mediates long-term plant recruitment limitation. *Journal of Ecology* 104:1326-1334
17. Copeland, S.M., Harrison, S.P., Latimer, A.M., Damschen, E.I., Eskelinen, A.M., Fernandez-Going, B., **Spasojevic, M.J.,** Anacker, B.L., Thorne, J.H. 2016. Ecological effects of an extreme drought: comparing the predictive power of experimental, temporal, and geographic aridity gradients. *Ecological Monographs* 86:295–311
16. **Spasojevic, M.J.**, Bahlai, C.A., Bradley, B.A., Butterfield, B.J., Tuanmu, M., Sistla, S., Wiederholt, R., and Suding, K.N. 2016. Scaling up the diversity-resilience relationship with trait databases and remote sensing data: the recovery of productivity after wildfire. *Global Change Biology* 22:1421-1432
15. **Spasojevic M.J.**, Turner, B.L. and Myers, J.A. 2016. When does intraspecific trait variation influence beta-diversity across environmental gradients? *Journal of Ecology* 104:487-496
14. Suding, K.N., Farrer, E.C., King, A., Kueppers, L. and **Spasojevic, M.J.** 2015. Vegetation change at high elevation: Climatic sensitivity at key ecotones on Niwot Ridge. *Plant Ecology and Diversity* doi:10.1080/17550874.2015.1010189
13. Farrer, E.C., Ashton, I.W., **Spasojevic, M.J.**, Fu, S., Gonzalez, D.J.X., and Suding, K.N. 2015. Indirect effects of global change accumulate to alter plant diversity but not ecosystem function in alpine tundra. *Journal of Ecology* 103:351-360
12. **Spasojevic, M.J.**, Yablon, E.A., Oberle, B. and Myers, J.A. 2014. Ontogenetic trait variation influences tree community assembly across environmental gradients. *Ecosphere* 5(10):e0125
11. **Spasojevic, M.J.**, Harrison, S., Day, H.W. and Southard, R.J. 2014. Biotic interactions and belowground feedbacks facilitate plant movement into cooler environments. *Ecology Letters* 17:700-709
    -Paper highlighted at Nature Climate Change: *Friendly Neighbors* by Alastair Brown http://www.nature.com/nclimate/journal/v4/n5/full/nclimate2231.html
10. **Spasojevic, M.J.**, Copeland, S., and Suding, K.N. 2014. Using functional diversity patterns to explore metacommunity dynamics: a framework for understanding local and regional influences on community structure. *Ecography* 37:939-949
9. **Spasojevic, M.J**., Grace, J.B., Harrison, S. and Damschen, E.I. 2014. Functional diversity supports the physiological tolerance hypothesis for plant species richness along climatic gradients. *Journal of Ecology* 102:447-455

8. **Spasojevic, M.J.**, Damschen, E.I. and Harrison, S. 2014. Patterns of seed dispersal syndromes on serpentine soils: examining the roles of habitat patchiness, soil infertility and correlated functional traits. *Plant Ecology and Diversity* 7:401-410
7. **Spasojevic, M.J.**, Bowman, W.D., Humphries, H., Seastedt, T. and Suding, K.N. 2013. Changes in alpine vegetation over 21 years: are fine-scale patterns across a heterogeneous landscape consistent with predictions of change? *Ecosphere* 4(9):117
6.*Hulshof, C.M., Violle, C., **Spasojevic, M.J.**, McGill, B., Damschen, E.I., Harrison, S. and Enquist, B.J. 2013. Functional variation reveals the importance of abiotic and biotic drivers for species diversity across elevational and latitudinal gradients. *Journal of Vegetation Science* 24:921-931
5.*Elmendorf, S.C., Henry, G.H.R., Hollister, R.D.,…**Spasojevic, M.J.**,…et al. 2012. Tundra vegetation change and recent climate warming: is there evidence from the plot scale? *Nature Climate Change* 2:453-457
4.***Spasojevic, M.J.** and Suding, K.N. 2012. Inferring community assembly mechanisms from functional diversity patterns: the importance of multiple assembly processes. *Journal of Ecology* 100:652-661
-Video interview by Journal of Ecology: http://www.youtube.com/watch?v=SK7ns1ujbiI
-Listed as Highly Cited Paper (top 1%) in Web of Science for Ecology
3. Smith, J.G., Sconiers, W., **Spasojevic, M.J.,** Ashton, I.W. and Suding, K.N. 2012. Phenological changes in alpine plants in response to increased snowpack, temperature, and nitrogen. *Arctic, Antarctic, and Alpine Research* 44(1):135-142
2. **Spasojevic, M.J.** and Suding, K.N. 2011. Contrasting effects of hemiparasites on ecosystem processes: can positive litter effects offset the negative impacts of parasitism? *Oecologia* 165(1):193-200
1. **Spasojevic, M.J.**, Aicher, R., Koch, G., Marquardt, E., Mirotchnick, N., Troxler, T. and Collins, S. 2010. Fire and grazing in mesic tallgrass prairie: impacts on plant species and functional traits. *Ecology* 91(6):1651-1659

Non-Peer-Reviewed Publications/Datasets

Hulshof, C., **Spasojevic, M.J.** 2021, *Data from*: The edaphic control of plant diversity, Dryad, Dataset, doi:10.5061/dryad.sqv9s4n1r

Spasojevic, M.J. and Myers, J.A. 2015. *Data from:* When does intraspecific trait variation contribute to functional beta-diversity? Dryad, Dataset, doi:10.5061/dryad.rr4pm

Spasojevic, M.J. 2010. *Book Review:* Resource Strategies of Wild Plants by J.M. Craine. *Journal of Vegetation Science* 21(4):802-803

Publications in Review

1. Rixen et al. (including **Spasojevic M.J.** and 50 other co-authors). *In Review*. Winters are changing: Snow effects on Arctic and alpine tundra ecosystems. Arctic Science
2. Reu, J., Catano, C., **Spasojevic, M.J**., Myers, J.A. *In Review*. β-diversity strengthens tree biodiversity-ecosystem functioning relationships across scales. Ecology.
3. Green, M., Anderson, K., Herbst, D., **Spasojevic, M.J.**, *In Review*. Rethinking Biodiversity Patterns and Processes in Stream Ecosystems. Ecological Monographs.
4. Brigham, L., Bueno de Mesquita, C., **Spasojevic, M.J.**, Farrer, E., Porazinska, D., Smith, J., Schmidt, S., Suding, K.N. *In Review*. Host plant relatedness is the primary driver of alpine root endosphere composition across an environmental gradient. Microbiology

Ecology

5. Krichels, A., Greene, A., Jenerette, G.D., **Spasojevic, M.J.,** Homyak, P. *In Review*. Winter precipitation legacies amplify summer nitric oxide emissions from soils in a Pinyon-Juniper dryland. Ecology.
6. Diaz et al. (including **Spasojevic M.J.** and 50 other co-authors). *In Review*. The global spectrum of plant form and function: enhanced species-level trait dataset. Scientific Data
7. Ramirez, J., Reeder, T., **Spasojevic, M.J.,** *In Review*. Extinction debt and functional traits mediate community saturation over large spatiotemporal scales. Global Ecology and Biogeography

Working Groups & Research Initiatives

Predicting species and community response to environmental change in the alpine tundra. Aim to synthesize data from the Niwot Ridge LTER to ask if functional traits predict species response to environmental change and if those responses scale up to influence changes in community composition and biodiversity. Working group organizer. 2020-present

Contribution of Long-term Social-Ecological Research programs in mountains to global policy agendas and UN convention workshops. Aim to serve as a science-policy discussion platform with a program revolving around individual interventions by policy representatives and scientists, respectively, and joint mapping work and discussions. 2019-Present

Structural Equation Modeling workshop. Two-day course on Structural Equation Modeling at Tunghai University, Taiwan. Instructor and Co-organizer. 2019

Open Traits working group. Aim to develop standardized methods and approaches for making trait data open access. Participant 2018-Present

Smithsonian Forest Dynamics working group. Aim to synthesize forest population and community patterns across broad biogeographic gradients. Participant. 2015-Present

ESA Scaling Up: Population and Community Ecology working group. Aim to identify questions in population and community ecology that can or should be addressed at continental scales. Participant and group leader. 2013-2015

International Tundra Experiment working group. Aim to synthesize the response of tundra communities to 20 years of experimental and natural warming in 34 sites around the world. Participant. 2010-2012

NSF Long-Term Ecological Research network working group. Aim to synthesize plant community responses to nitrogen fertilization using plant functional traits. Participant. 2008-2010

NCEAS Distributed Graduate Seminar, "Ushering a new era of comparative ecology: dynamics in a changing environment." A graduate seminar coordinated across 8 institutions with capstone meetings at NCEAS. Participant and group leader at capstone meeting. 2008-2010

International Polar Year "Back to the Future" working group. Aim to compare historic and contemporary vegetation data in tundra communities around the world to assess influences of climate change. Participant. 2009

Process-based vs. Empirical Modeling in Mountain Systems working group. Aim to integrate small scale processes and biotic interactions into species distribution models. Participant. 2008

Teaching Experience

Instructor, Department of Evolution, Ecology, and Organismal Biology, University of California-Riverside. Courses listed by academic year.
2016-2017: Organisms in their Environment (BIOL 003); Foundations in Ecology (EEOB 211)
2017-2018: Freshman advising seminar (NASC 093); Organisms in their Environment (BIOL 003); Introduction to Evolution and Ecology (BIOL 005C)
2018-2019: Analysis of Ecological Communities (EEOB 230); Organisms in their Environment (BIOL 003); Seminar in Biology (BIOL 284)
2019-2020: Analysis of Ecological Communities (EEOB 230); Organisms in their Environment (BIOL 003)
2020-2021: Analysis of Ecological Communities (EEOB 230); Organisms in their Environment (BIOL 003)
2021-2022: Organisms in their Environment (BIOL 003)

Co-Instructor, Department of Biology, Washington University in St. Louis. 2014, 2015. Course: Practical Skills in Environmental Biology

Guest lecturer, Department of Biology, Washington University in St. Louis. 2014, 2015. Course: Community Ecology

Co-Instructor, Department of Environmental Science and Policy, University of California-Davis. 2013. Course: Plant Conservation Biology

Graduate Teaching Assistant, Department of Ecology and Evolutionary Biology, University of California-Irvine. 2005-2010. Courses: Experimental Biology Laboratory & Writing, Fall 2005, Spring 2007, Fall 2008 & Fall 2009; Organisms to Ecosystem, Winter 2006; Ecology for non-majors, Fall 2009; Life Sciences, Winter 2010; Limnology Lab, Spring 2010; Population Dynamics, Spring 2010

Coordinator of Graduate Teaching Assistants, Department of Ecology and Evolutionary Biology, University of California-Irvine. 2007, Course: Organisms to Ecosystems

Teaching Associate, Department of Biology, University of Washington. 2005. Course: Plant Identification and Classification

Peer Teaching Assistant, Department of Biology, University of Washington. 2004. Course: Plant Identification and Classification

Invited Seminars/Symposia

2021 Linking functional traits and evolutionary strategies to predict species, community, and ecosystem responses to climate change. [Seminar] UCLA – Los Angeles, CA.

2021 Linking functional traits and evolutionary strategies to predict species, community, and ecosystem responses to climate change. [Seminar] San Diego State University – San Diego, CA

2021 Dual-career strategies: Assistant Professor at R1 university. Inspire Session: Solving the Two-Body Problem: Strategies for Balancing Dual-Career Relationships in Ecology. [Presentation] Ecological Society of America, Long Beach, CA.

2021 Functional Ecology in an Era of Environmental Change. [Presentation] Western Riverside County MSHCP Management and Monitoring meeting

2020 Solving the Two-Body Problem: Strategies for Balancing Dual-Career Relationships in Ecology. [Special Session speaker] Ecological Society of America, Salt Lake City, UT. [Canceled due to COVID-19]

2020 Predicting climate change with plant functional traits in Southern California. [Seminar] San Diego State University – San Diego, CA [Canceled due to COVID-19]
2019 Data situation and engagement with global agendas & UN conventions in North America: examples from the Niwot Ridge LTER [Workshop] A joint workshop of the Alpine Center for Phytogeography, the University of Lausanne – Department of Ecology and Evolution and Interdisciplinary Center for Mountain Research, and the Global Mountain Biodiversity Assessment. Champex, Switzerland
2019 Untangling complex processes in an era of environmental change [Seminar] Loma Linda University – Loma Linda, CA
2019 Untangling complex processes in an era of environmental change [Seminar] Tunghai University, Taiwan
2019 Trait-based ecology in an era of environmental change. [Seminar] California State University Fullerton – Fullerton, CA.
2018 Trait based approaches to understanding and maximizing ecosystem resilience. [Symposium] 3rd Southern California Chaparral Symposium. USFS
2017 Will species interactions help or hinder managed relocation? [Symposium] Managed Relocation Under a Changing Climate: An Interdisciplinary Perspective. UC Davis Coastal and Marine Sciences Institute and Delta Science Program
2017 From micro to macro: exploring multiscale processes to understand patterns of biodiversity. [Seminar] Southern Illinois University - Edwardsville
2017 Trait-based ecology in an era of environmental change. [Seminar] La Verne University
2016 What community ecology can tell us about global change. [Seminar] Cal Poly Pomona
2015 Multi-scale approaches to understanding community structure and predicting responses to global change. [Seminar] Utah State University
2014 Disentangling the drivers of biodiversity: advances to assembly theory and applications for mitigating the impact of climate change. [Seminar] Sonoma State University
2013 Disentangling multiple mechanisms of community assembly: advances and applications to global change. [Symposium] Washington University in St. Louis
2011 Factors influencing plant community structure and function in alpine tundra. [Seminar] Santa Rosa Junior College
2010 Species, trait, and phylogenetic associations in the alpine tundra: insights into the processes that structure plant communities. [Seminar] Sonoma State University
2009 Predicting community response to N-enrichment with SLA: a multisystem test. [Symposium] LTER All Scientists' Meeting

Contributed Presentations (undergraduate authors underlined)

2021 **Spasojevic, M.J.**, Au, M., Huxley, J.D., Madsen-McQueen, T., McCann, E., Prattipati, K., Ramachandran, A., Sadri S., Salguero, M. How does functional diversity change along environmental gradients? [Presentation] Ecological Society of America
2021 Madsen-McQueen, T., **Spasojevic, M.J.** Functional traits predict downward range shifts along an elevation gradient. [Presentation] Ecological Society of America
2021 Brady, M., Farrer, E., Bueno de Mesquita, C.P., Porazinska, D.L., **Spasojevic, M.J.**, Smith, J.G., Suding, K.N., Schmidt, S.K. Network architecture of plant-fungal root endosphere communities across a productivity and growing season length gradient in a sparsely vegetated alpine ecosystem. [Presentation] Ecological Society of America.
2021 Green, M., Anderson, K., **Spasojevic, M.J.**, Herbst, D. Rethinking biodiversity patterns

and processes in stream ecosystems. [Presentation] Ecological Society of America.

2021 Myers, J.A., LaManna, J.A., Catano, C.P., Samuels-Fair, M.D., Chase, B.C. O'Connell, E., **Spasojevic, M.J.**, Joseph A. LaManna, Christopher P. Catano. Species-pool functional diversity as a driver of community assembly. [Presentation] Ecological Society of America.

2021 Au, M., McCann, E., **Spasojevic, M.J.** Distributional changes in western US tree species are predicted by climatic drying, not temperature. [Poster] Ecological Society of America.

2021 Ramachandran, A., Amatya, R., Bui, T., Fugate, M., Huxley, J.D., Iwanaga, C., Madsen-McQueen, T., Rose-Person, A., **Spasojevic, M.J.** Litter removal increases native plant diversity in coastal sage scrub. [Poster] Ecological Society of America.

2021 Ramírez, J.P., Reeder, T.W., and **Spasojevic, M.J.** Exploring the role of long-term dispersal in determining the species richness and trait space of Neotropical snakes (Dipsadidae) communities. [Presentation] Joint Meetings of Ichthyologists and Herpetologists

2020 Krichels, A., Greene, A., Glassman, S., **Spasojevic, M.J.,** Jenerette, D., Homyak. P. Altered precipitation regimes affect NO production via nitrification in dryland soils. [Presentation]. American Geophysical Union

2020 **Spasojevic**, **M.J.,** Collins, C., Dinwiddie, D., Harrison, S., McGuire, K., Pombubpa, N., Stajich. J. Will plant-microbe interactions help or hinder managed relocation? [Presentation] British Ecological Society

2020 **Spasojevic, M.J.**, Goulden, M., Homyak, P., Jenerette, D., Madsen-McQueen, T.R., McFaul, S., Schauer, S., Solis. M. Altered seasonal precipitation has larger positive impacts in warmer than cooler seasons. [Presentation] Ecological Society of America

2020 McCann, E., **Spasojevic, M.J.** Dispersal traits mediate range shifts in western US tree species. [Poster] Ecological Society of America

2020 Madsen-McQueen, T.R., Franklin, J., **Spasojevic, M.J.** Tracing the fingerprint of climate change: 40 years of vegetation response across a dryland elevation gradient. [Canceled due to COVID-19]

2020 Gates, K., Weber, S., Huxley, J.D., **Spasojevic, M.J**. Terricolous lichen community structure is driven by plant functional traits. [Canceled due to COVID-19]

2020 Brigham, L.M., **Spasojevic, M.J.**, Suding. K.N. Shrubs drive a more acquisitive alpine plant community regardless of topography. [Poster] Ecological Society of America

2020 Brady, M.V., Bueno de Mesquita, C.P., Porazinska, D.L., **Spasojevic, M.J.**, Smith, J.G., Schmidt, S.K., Suding. K.N, Farrer, E.C. Network architecture and community composition of root endophytes across an environmental gradient in the alpine tundra. [Poster] Ecological Society of America

2019 Samuels-Fair M.D., LaManna, J.A, Catano, C.A., **Spasojevic, M.J.**, Myers, J.A. Dispersal interacts with fire and predation to influence plant community assembly. [Poster] Ecological Society of America

2019 Dewald-Wang, E.A., LaManna, J.A, Sedio, B.E., **Spasojevic, M.J.**, Myers, J.A. Plant chemical defenses, density dependence, and biodiversity in a temperate tree community. [Poster] Ecological Society of America

2019 Oberle, B., Lee, M., Myers, J.A., Osazuwa-Peters, O., **Spasojevic, M.J.,** Walton, M., Young, D. Zanne, A. Accurate forest ecosystem projections from empirical decay models require long-term experiments. [Presentation] Botanical Society of America

2018 Varachhio, H., Madsen-McQueen, T. **Spasojevic, M.J.** Intraspecific trait variation differs between single-stem and multi-stem tree species. [Poster] UC-Riverside RISE summer symposium

2018 Porazinska, D., Farrer, E., **Spasojevic, M.J.**, King, A.J., Bueno de Mesquita, C., Smith, J.G., White, C.A., Schmidt, S. K., Suding, K. N. Assembly and function of nematode communities in an early successional alpine landscape. [Presentation] Society of Nematologists

2018 Farrer, E., Porazinska, D., **Spasojevic, M.J.**, King, A.J., Bueno de Mesquita, C., Smith, J.G., White, C.A., Schmidt, S. K., Suding, K. N. Changing drivers of microbial community assembly along a high elevation successional gradient. [Presentation] Ecological Society of America

2018 Anderson-Huxley, J., Humphries, H. C., **Spasojevic, M.J.** Functional dominance, not functional diversity drives ecosystem function in alpine tundra. [Poster] Ecological Society of America

2018 Brigham, L., Bueno de Mesquita, C., **Spasojevic, M.J.**, Farrer, E., Porazinska, D., Smith, J.G., Schmidt, S. K., Suding, K. N. Soil pH influences overall interior root microbiome structure, but not its dominant phylotypes. [Poster] Ecological Society of America

2017 Catano, C.P., Knudson, A.J., **Spasojevic, M.J.**, J.A., Myers, J.A., Deterministic community assembly increases with productivity and is mediated by community size. [Presentation] Missouri Botanical Garden 64th Annual Symposium.

2017 **Spasojevic, M.J.**, Farrer, E., Porazinska, D., King, A.J., Bueno de Mesquita, C., Smith, J.G., White, C.A., Schmidt, S. K., Suding, K. N. Soil microbes influence plant functional beta-diversity in alpine tundra. [Presentation]. Ecological Society of America

2017 Farrer, E., Porazinska, D., **Spasojevic, M.J.**, King, A.J., Bueno de Mesquita, C., Smith, J.G., White, C.A., Schmidt, S. K., Suding, K. N. Soil microbial networks shift across a high elevation plant density gradient. [Presentation]. Ecological Society of America

2017 Porazinska, D., Farrer, E., **Spasojevic, M.J.**, King, A.J., Bueno de Mesquita, C., Smith, J.G., White, C.A., Schmidt, S. K., Suding, K. N. Aboveground – belowground ecology in the high alpine in response to climate change. [Presentation]. Ecological Society of America

2017 Chmurzynski, A., Yongtao He, Y., Suding, K.N., **Spasojevic, M.J.** When are cushion plants facilitative? [Poster]. Ecological Society of America

2017 Catano, C.P., Knudsen, A., **Spasojevic, M.J.**, Myers, J.A., Species and functional beta-diversity reveal shifts in the strength of community assembly processes across a productivity gradient

2016 Suding, K. N., Farrer, E., **Spasojevic, M. J.,** Porazinska, D., Bueno de Mesquita, C., Schmidt, S. K. Moving Uphill: Microbial Facilitation at the Leading Edge of Plant Species Distributional Shifts. [Presentation] American Geophysical Union

2016 Vela Díaz, D., **Spasojevic, M.J.**, Dalling, J., McMahon, S.M., Turner, B.L., LaMana, J.A., Myers, J.A., CTFS-ForestGEO Network (27 co-authors). MacArthur's niche hypotheses revisited: the role of niche space, niche breadth and niche overlap in explaining global patterns of species diversity. [Presentation] Association for Tropical Biology and Conservation

2015 **Spasojevic, M.J.**, Lutz, J.A., McMahon, S.M., Larson, A.J., Parker, G., Turner, B.L., Catano, C.P., Vela Díaz, D., and Myers, J.A. Species-pool functional diversity and

environmental heterogeneity jointly influence beta-diversity in temperate forests. [Presentation] Ecological Society of America

2015 Harline, K., **Spasojevic, M.J.**, Stein, C. Mangan, S.A. and Myers, J.A. Disentangling the effect of species traits and soil chemistry on decomposition in a temperate forest ecosystem. [Poster] Washington University in St. Louis Undergraduate Research Symposium

2015 **Spasojevic, M.J.** From the leaf to the continent: Integrating trait variation across scales to understand spatial variation in forest biodiversity. [Presentation] Washington University in St. Louis Post-Doc Symposium

2014 **Spasojevic, M.J**. and Myers, J.A. Does intraspecific trait variation mediate the relative importance of selection, drift, and dispersal as drivers of beta-diversity? [Presentation] Ecological society of America

2013 **Spasojevic, M.J.**, Yablon, E., Myers, J.A., Oberle, B., Walton, M. and Zanne, A.E. Community assembly mechanisms differ between saplings and adults: the importance of ontogeny in trait-based ecology. [Poster] St. Louis Ecology, Evolution and Conservation meeting

2012 **Spasojevic, M.J.**, Bullard, V., Day, H.W., Southard, R.J. and Harrison, S. Assessing the potential for assisted colonization in four serpentine endemic plants: the importance of geology, soils and biotic interactions. [Presentation] Ecological society of America

2011 **Spasojevic, M.J.**, Damschen, E.I. and Harrison, S. Habitat quality plays a more important role in determining the dispersal potential of plant communities than habitat patchiness. [Presentation] Ecological society of America

2011 Suding, K.N., Farrer, E., Hicks, S., Porras-Alfaro, A. and **Spasojevic, M.J.** Winners and losers in response to nitrogen deposition. [Presentation] Ecological society of America

2010 Tweedie, C.E., Ebert-May, D., Hollister, R.D., Johnson, D.R., Lara, M.J., Villarreal, S., **Spasojevic, M.J.** and Webber, P. Decadal Time Scale change in terrestrial plant communities in North American arctic and alpine tundra: A contribution to the International Polar Year Back to the Future Project. [Presentation] American Geophysical Union

2010 **Spasojevic, M.J.** and Suding K.N. Trait patterns indicate increased production and isolation will impact functional diversity in the alpine. [Presentation] Ecological Society of America, [Presentation] Global Mountain Biodiversity Assessment

2009 Smith, J.G., Aston, I.W., Sconiers, W., Suding K.N. and **Spasojevic, M.J.** Precipitation, temperature and nitrogen effects on alpine plant phenology. [Poster] LTER All Scientists' Meeting

2009 **Spasojevic, M.J.**, Pennings, S.C., Collins, S.L., Clark, C.M., Cleland, E.E., Gough, L., Gross, K.L. and Suding, K.N. Predicting community response to N-enrichment with SLA: a multisystem test. [Presentation] Ecological Society of America, 2009; [Poster] LTER All Scientists' Meeting

2009 **Spasojevic, M.J.** and Suding, K.N. Trait based approaches to understanding alpine plant community structure. [Presentation] Process-based studies vs. empirical modeling in mountain systems workshop. 2008, [Presentation] UCI, Department of Ecology and Evolutionary Biology Graduate Student Symposium

2008 **Spasojevic, M.J.** and Suding, K.N. Species and trait associations in alpine tundra: Evidence for the increased role of limiting similarity in productive communities. [Presentation] Ecological Society of America

2007 **Spasojevic, M.J.** and Suding, K.N. Dracula and Robin Hood: Hemiparasites play both roles. [Presentation] UCI, Department of Ecology and Evolutionary Biology Graduate Student Symposium. 2007, [Poster] Ecological Society of America

2007 **Spasojevic, M.J.** and Suding, K.N. Does hemiparasitic *Castilleja occidentalis* impact community structure and N-cycling in the alpine tundra? [Presentation] California Botanical Society Graduate Student Symposium

Military Experience

1996-2001 *Sergeant,* United States Army - Infantry, Ft. Bragg N.C., and Schofield Barracks HI.

Military Honors: Armed Forces Service Medal, Army Commendation Medal (x2), Army Achievement Medal, Army Good Conduct Medal, Humanitarian Service Medal, Noncommissioned Officer Professional Development Ribbon, Army Service Ribbon, Overseas Service Ribbon, Expert Infantryman's Badge, Parachutist Badge, Air Assault Badge

Awards and Honors

4th Honorable Mention, Poster Presentation, LTER All Scientists' Meeting, 2009

Graduated with Honors, Shoreline Community College, 2002

Research Mentorship

Postdoctoral Researchers

Jonathan Henn, 2021-present

Doctoral students

Jared Anderson-Huxley, 2017-present
Tesa Madsen-McQueen, 2018-present
Erin McCann, 2018-present
AJ Lodge, 2021-present
Ariana Firebaugh Ornelas 2021-present, co-advised with Loralee Larios
Magda Paola Argueta-Guzman 2021-present, co-advised with Quinn McFrederick

Undergraduates

Kenya Gates, June 2018-present (CU-Boulder Honors thesis student)
Advyth Ramachandran July 2020-present
Danielle Logan, May 2018-2020 (received Undergraduate Mini-Grant 2019)
Michel Au, Oct 2019-March 2021

Graduate student committees

<u>UCR EEOB Dissertation committees</u>:
Parsa Serafina, 2018-2019 (graduated), advisor Kurt Anderson
Matthew Green, 2019-present, advisor Kurt Anderson
Serj Danielian, 2020-present, advisor Helen Regan
Ryan Conaway, 2019-present, advisor Kurt Anderson
Annika Rose-Person 2021-present, advisor Nicole Rafferty
Anrea Keeler, 2020-present, advisor Nicole Rafferty
Su Yeon Kim 2022-present, advisor Helen Reagan

UCR BPS Dissertation committees
Courtney Collins, 2018-2019 (graduated), advisor Jeff Diez
Teresa Bohner, 2018-2020 (graduated), advisor Jeff Diez
Noah Teller, 2019-present, advisor Loralee Larios
Meg Kargul 2020-present, advisor Loralee Larios

UCR Microbiology and Plant Pathology Dissertation committees
Dylan Enright, 2022-present, advisor Sydney Glassman

SDSU Joint-Doc Program Dissertation committees
Juan Pablo Ramirez, 2020-present, advisor Tod Reid

UCR EEOB Qualifying Exam committees
Matthew Green, 2019, advisor Kurt Anderson
Ryan Conaway, 2019, advisor Kurt Anderson
Robert Prather, 2019, advisor David Reznik
Juan Pablo Ramirez, SDSU joint doctoral program, 2020, advisor Tod Reid
Anrea Keeler, 2020, advisor Nicole Rafferty
Bobby Nakamoto 2020, advisor Marylin Fogel
Annika Rose-Person 2021, advisor Nicole Rafferty
Su Yeon Kim 2021, advisor Helen Reagan

UCR BPS Qualifying Exam committees
Peter Ibsen, 2017, advisor Darrel Jenerette
Noah Teller, 2018, advisor Loralee Larios
Stuart Schwab, 2020, advisor Loralee Larios
Clarissa Rodriguez, 2020, advisor Loralee Larios
Meg Kargul, 2020, advisor Loralee Larios
Brooke Rose 2021, advisor Janet Franklin

UCR Microbiology and Plant Pathology Qualifying Exam committees
Dylan Enright, 2021 advisor Sydney Glassman
Hannah Freund 2022, advisor Emma Aronson

University of Colorado Boulder Qualifying Exam committees
Laurel Brigham, 2020, advisor Katharine Suding

UCR EEOB Guidance committees
Mathew Green, 2017-2019, advisor Kurt Anderson
Ryan Conaway, 2017-2019, advisor Kurt Anderson
Serj Danielian, 2017-2019, advisor Helen Regan
Erika Bucior, 2018-2020, (graduated) advisor Lou Santiago
Andrea Keeler, 2018-2020, advisor Nicole Rafferty
Annika Rose-Pearson, 2018-2021, advisor Nicole Rafferty
Su Yeon Kim, 2019-2022, advisor Helen Reagan

Sydney Martinez, 2019-present, advisor Darrel Jenerette
Mitchell Coleman, 2020-present, advisor Lou Santiago

UCR Entomology Guidance committees
Magda Argueta-Guzman, 2019-2021, advisor Quinn McFrederick

SDSU Joint-Doc Program Guidance committees
Juan Pablo Ramirez, SDSU joint doctoral program, 2018-2019, advisor Tod Reid

University of Colorado Boulder Guidance committee
Laurel Brigham, 2019-present, advisor Katharine Suding

Sonoma State University Maters Thesis Committees
Caprice Lee, (Biology) 2015-2017 (graduated)
Clark Richter, (Biology) 2011-2015 (graduated)

Previous Undergraduates

UC-Riverside: Adam Chmurzynski, June 2016-Sept 2016 Martin Arceo, Oct 2016-Sept 2017; Miguel Solis, Oct 2017-Mar 2018
WUSTL: Katharine Harline, September 2013-April 2015; Dev Harrington, May 2013-Dec 2013
UC-Davis: Roelof Diener, January 2011-June 2011; Marian Pearcy, November 2012-March 2013; Monica Sanchez, January 2011-June 2011
UC-Irvine: Sebastian Barlerin, June-September 2008; James Chan, September 2009-June 2010; Bridgette Hass, June-August 2009; Roxanne Massoumi, September-December 2007; Medha Patel, January-August 2009; Natalie Than, September 2009-June 2010; Jesse Zablan, September 2009-June 2010; Tess Zinnes, June-August 2009

Training. Entering Mentoring seminar participant. Washington University in St. Louis 2014

Professional Service

Associate Editor: Functional Ecology, Aug 2018- Present. Handled 53 manuscripts to date
Reviewer: Funding Agencies: *Panels*: GRFP 2017 (22 proposals), 2020 (21 proposals); *Ad hoc reviewer*: Czech Science Foundation - 1 full proposal, U.S. National Science Foundation – 2 full proposals, 1 Career proposal,
Scientific Journals: American Naturalist, Annals of Botany, Annals of Botany-Plants, Arctic, Antarctic, and Alpine Research, Biotropica, Diversity and Distributions, Ecography, Ecology, Ecology Letters, Ecosphere, Environmental Monitoring and Assessment, Functional Ecology, Global Change Biology, ISMEJ, Journal of Animal Ecology, Journal of Applied Ecology, Journal of Ecology, Journal of Vegetation Science, Nature, Nature Communications, Nature Ecology and Evolution, New Phytologist, Oecologia, Oikos, Plant Ecology, Plant Ecology & Diversity, PLOS One, Proceeding of the Royal Society: Biological sciences, Restoration Ecology, Trends in Ecology and Evolution
Member, Executive Committee Niwot Ridge LTER Aug 2019-present
Chair, Diversity, Equity, and Inclusion Committee Niwot Ridge LTER Mar 2020-present

Site representative, LTER Diversity and Inclusion committee Feb 2020-Jan 2021

Campus Service (UC-Riverside)

2022-present *Member*, EEOB Strategic plan committee
2021-present *Member*, EEOB Curriculum committee
2019-present *Member*, R' Water executive committee
2018-present *Member*, Natural Reserve System advisory committee
2018-present *Member*, UCR Veterans Onboarding committee
2018-present *Member*, EEOB and CNAS web advisory committee
2018-present *Member*, Operation Education scholarship committee
2021 *Ad hoc reviewer*, EEOB written exam
2021 *Member*, Academic coordinator search committee
2021 *Member*, Shipley-Skinner grant review committee
2020 *Member*, Shipley-Skinner grant review committee
2020 *Reviewer*, Undergraduate Research Symposium
2020 *Member*, Shipley-Skinner grant review committee
2018 *Member*, Mildred E. Mathias Graduate Research Grant review committee
2018-2020 *Member*, EEOB written exam grading committee
2018 *Member*, DYP/GRMP grant review panel
2017-2018 *Member*, Undergraduate Mini-grant review panel
2017, 2018 *Participant*, Highlander's Day Biology information table
2017, 2020 *Judge*, Undergraduate Research Symposium
2017 *Participant*, Highlander's Day Scholarship Breakfast
2016-2018 *Chair and Co-chair*, EEOB Seminar committee
2016, 2017 *Participant*, Biology major's freshman orientation
2016-2017 *Member*, Search Committee – Environmental Statistics (multi-departmental)
2016 *Participant*, Living the Promise Campus Campaign video shoot

Outreach Activities

2019-present *Member*. Peck Water Conservation Park - Emerald Necklace technical advisory committee
2018-present *Member*, UCR Veterans Support team
2020-2021 *Participant*. Faculty Fridays: Q&A session with undergraduate students at the UCR Veteran's Resource Center
2017 *Guest Speaker.* Transferring to UCR and getting involved in research. Riverside City College
2012-2014 *Mentor, group discussion leader.* Tyson Summer Undergraduate Research Fellowship program, Washington University in St. Louis
2013 *Guest Speaker*. Tyson Research Center Freshman Seminar, Washington University in St. Louis
2010 *Guest Speaker*. Ecology for non-majors, UC Irvine, Fall 2009; Life Sciences, UC Irvine, Winter 2009
2007-2009 *Visiting Scientist.* Ask-A-Scientist Night. Irvine and Los Angeles Unified School District, CA.
2005 *Guest Speaker*. Sacred Heart Elementary School, WA.

Society Membership
Member, Ecological Society of America
Member, British Ecological Society
Contributor, TRY plant trait database