

JOCELYN NAVARRO

Curriculum vitae, updated Oct 12, 2023

Email: jocelynnavarro@arizona.edu

OBJECTIVE

Enthusiastic, hard-working, and collaborative PhD Candidate using a computational and empirical framework to improve our understanding of terrestrial ecosystems, ready to delve into the tech industry and apply transferable skills to enhance our digital ecosystems.

PROFICIENT SKILLS

R • SQL • Data Management • Data Analysis/Visualization • Analytical Thinker
Empathy • Effective Communication • Adaptability • Leadership • Active Listener

EDUCATION

2020-present **Ph.D. Ecology and Evolutionary Biology**, University of Arizona

Advisor: Dr. Brian J. Enquist

2015-2019 **B.A. Botany w/ Honors**. Minors in Environmental Studies & Gender
and Women's Studies, Connecticut College, New London, CT

2017 **Study Abroad**, Stellenbosch University, Stellenbosch, South Africa

SELECTED GRANTS AND FELLOWSHIPS

2020-present Graduate Research Fellowship Program, National Science
Foundation (NSF)

2020 Honorable Mention- Ford Foundation Fellowship Program

2020 Graduate Access Fellowship and Tuition Award, University of Arizona

2020 Ecological Society of America (ESA), Strategies for Ecology Education,
Diversity and Sustainability (SEEDS) Interdisciplinary Power of Data
Research Travel Award, National Science Foundation

SELECTED PRESENTATIONS

Navarro, J., R.M. Cruz-de-Hoyos, B. Blonder, and B.J. Enquist. 2023.

Differences in cuticular conductance (g_{min}) by cytotype and leaf size in *Populus tremuloides* in the Rocky Mountains suggest differential drought tolerance.
Ecological Society of America, Talk, Portland, Oregon.

Navarro, J. and B.J. Enquist. 2022. Assessing plant-water relations in the
face of climate change in the Rocky Mountains using a turf
transplant experiment. American Geophysical Union Fall Meeting,
Poster, Chicago, Illinois.

PUBLICATIONS

Navarro, J., R.M. Cruz-de-Hoyos, B. Blonder, and B.J. Enquist. 2023.

Differences in cuticular conductance (g_{min}) by cytotype and leaf size in *Populus*

- tremuloides* in the Rocky Mountains suggest differential drought tolerance. *In preparation*.
- Navarro, J.**, J. M. Powers, A. Paul, and D.R. Campbell. 2022. Phenotypic plasticity and selection on leaf traits in response to snowmelt timing and summer precipitation. *New Phytologist*.
- Geange, S.R., J. von Oppen, T. Strydom, M. Boakye, T.J. Gauthier, R. Gya, A.H. Halbritter, L.H. Jessup, S.L. Middleton, **J. Navarro**, M.E. Pierfederici, J. Chacon-Labela, S. Cotner, W. Farfan-Rios, B.S. Maitner, S.T. Michaletz, R.J. Telford, B.J. Enquist, V. Vandvik. 2020. Next-generation field courses: Integrating Open Science and online learning. *Ecology and Evolution*. DOI: 10.1002/ece3.7009
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ADVANCED COURSEWORK AND TRAINING

- 2023 Spectral Ecology Summer School: Ecology/Remote Sensing/Leadership, Mountain Lake Biological Station, Pembroke, Virginia
- 2022 Plant Functional Trait Course 6, Aurland, Norway
- 2021 Power of Data: An ESA SEEDS workshop, NSF-funded data-intensive workshop
- 2021 Physiology Festival, Colorado State University, Fort Collins Mountain Campus, Bellevue, Colorado
- 2020 Plant Functional Trait Course 5, Wayquecha Biological Station, Peru
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TEACHING

- Fall 2023 Plant Functional Trait Course 7, Drakensburg, South Africa
- Fall 2022 Teaching assistantship, Evolution of Plant, Form, Function, and Diversity, University of Arizona, USA.
- Spring 2021 Teaching assistantship, Evolution, University of Arizona, USA.
- Fall 2020 Teaching assistantship, Evolution of Plant, Form, Function, and Diversity, University of Arizona, USA.
- Spring 2018 Botany Tutor, Connecticut College, 5 undergraduate students
- Spring 2017 English Teacher, Kayamandi Primary School, Tonys Houz Children's Foundation, Stellenbosch, Western Cape, South Africa.
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STUDENT MENTORING & OUTREACH

- 2016-present Member of Diversity, Equity and Inclusion Committee at RMBL
- 2021-present Member of Committee for Community, Activism and Racial Equity, University of Arizona, Department of Ecology and Evolutionary Biology
- 2021-present Graduate student mentor, Desert Laboratory
- 2020 RMBL Liaison between undergraduate student researchers and staff. Rocky Mountain Biological Laboratory.
- 2017-19 Science Leader mentor, Connecticut College- Fostered community and engagement in the science community at Connecticut College