

Arielle Carolina Link

Ph.D. Candidate | Department of Integrative Biology | University of Wisconsin-Madison
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EDUCATION

- 2021-Present **Ph.D.** University of Wisconsin-Madison, Department of Integrative Biology
Madison, Wisconsin | Expected Completion: 2026
Minor: Ecosystem Ecology
Advisor: Dr. Monica G. Turner
- 2015-2019 **B.A.** Colorado College | Colorado Springs, Colorado | Major: Environmental Science
Senior Honors Thesis: *Stand structure and composition across closed-cone conifer forests in California and Colorado*
Advisor: Dr. Rebecca Barnes
- 2017 Higher Education Consortium for Urban Affairs, New Zealand Culture and the Environment: A Shared Future | Wellington, NZ
Thesis: *Implementation of a Māori cultural health index in freshwater ecosystems*

ACADEMIC EXPERIENCE

- 2023-Present **National Science Foundation Graduate Research Fellow**, Ecosystem and Landscape Ecology Lab, University of Wisconsin-Madison
- 2023-2024 **Lead Graduate Teaching Assistant**, Department of Integrative Biology, University of Wisconsin-Madison
- 2023 **Graduate Research Assistant**, Department of Integrative Biology, University of Wisconsin-Madison
- 2022 **Graduate Teaching Assistant**, Department of Integrative Biology, University of Wisconsin-Madison
- 2020-2021 **Flora Temporary Field Technician**, National Ecological Observatory Network, Domain 10/13, Boulder, CO
- 2019-2020 **Post-Baccalaureate Teaching Assistant and Departmental Laboratory and Field Study Coordinator**, Environmental Studies and Science Department, Colorado College
- 2019 **Post-Baccalaureate Research Technician**, Harvard Forest, Harvard University
Supervisor: Dr. David Orwig
- 2018 **Undergraduate Teaching Assistant**, Environmental Studies and Science Department, Colorado College
- 2018 **Undergraduate Research Technician**, Fire and Disturbance Ecology of Forest Landscapes Lab, University of Washington
Supervisor: Dr. Brian Harvey
- 2017 **Undergraduate Laboratory Assistant**, Zooplankton Ecology Lab, National Institute of Water and Atmospheric Science, Wellington, NZ
Advisor: Dr. Moira Decima
- 2017 **Sustainable Seas Conference Intern**, National Institute of Water and Atmospheric Science, Wellington, NZ

GRANTS AND AWARDS

2023-2028	Graduate Research Fellowship, National Science Foundation (\$159,000, national)
2021-2026	Advanced Opportunity Fellowship, University of Wisconsin-Madison (\$56,000, institutional)
2018	Summer Internship Funding Award, Colorado College (\$2,500, institutional)
2015-2019	Trustee Merit Scholarship, Colorado College (\$28,000, institutional)

PRESENTATIONS (*Invited)

- Link, A. C., T. Whitman, and M. G. Turner.** 2024. Soil microbial community composition through early, postfire lodgepole pine stand development in Grand Teton National Park. Oral presentation. Biennial Scientific Conference of the Greater Yellowstone Ecosystem, Big Sky, MT, September 3-5.
- Link, A. C., T. Whitman, and M. G. Turner.** 2024. Soil microbial community composition through early, postfire lodgepole pine stand development. Poster presentation. Ecological Society of America annual meeting, Long Beach, CA, August 5-9.
- *Link, A. C., T. Whitman, and M. G. Turner.** 2023. Soil microbial community composition in postfire lodgepole pine stands approaching peak productivity in Greater Yellowstone. Organized Oral Session, “Shared challenges: Novel ecosystem responses to changes in historically climate-limited fire regimes,” Ecological Society of America annual meeting, Portland, OR, August 6-11.

TEACHING

Instructor Coordination and Curriculum Design

- 2024 Teaching Assistant Mentor, *Writing Across the Curriculum Communications-B Teaching Assistant Training*, University of Wisconsin-Madison
- Developed and implemented a writing in STEM workshop for 58 graduate student teaching assistants
- 2023-2024 Lead Teaching Assistant and Coordinator, *Introductory Biology Independent Project*, University of Wisconsin-Madison, 2 semesters
- Co-designed instructional and assessment materials
 - Coordinated and supervised the activities and instruction for 38 graduate student teaching assistants

Graduate Teaching Assistant

- 2024-2025 Course: *BioHouse Seminar: Biology for the 21st Century*, University of Wisconsin-Madison, 1 semester, 7 students
- Guided first-year students in developing as biologists, learning about biological research on campus, and identifying career opportunities in biology
- 2022 Course: *Introductory Biology Laboratory*, University of Wisconsin-Madison
1 semester, 48 students

Guest Lectures

- 2024 “Strength of nitrogen limitation in postfire lodgepole pine stands approaching peak productivity in the Greater Yellowstone Ecosystem” *Soil Microbiology and Biochemistry*, Department of Soil Science, University of Wisconsin-Madison
- 2023 “Soil microbial community composition and nitrogen cycling in postfire landscapes”, *Landscape Ecology*, Environmental Studies and Science Department, Colorado College

Post-Baccalaureate Teaching Assistant

2019-2020 Courses: *Introduction to Global Climate Change, Environmental Thermodynamics and Energetics, Atmospheric Dynamics, Hydrology, Atmospheric Chemistry, Introduction to GIS, Atmosphere-Biosphere Interactions*
2 semesters, 138 students

Undergraduate Teaching Assistant

2018 *Introduction to Global Climate Change*, Colorado College
1 semester, 23 students

UNDERGRADUATE MENTORSHIP (independent research project¹; poster presentation²; fieldwork³)

Fall 2023 Olivia Mabbott^{1,2} (University of Wisconsin-Madison)
Summer 2022 Lucy McGuire³ (University of Wisconsin-Madison, co-supervised)
Delaney Arend³ (University of Wisconsin-Madison, co-supervised)

PROFESSIONAL EXPERIENCE AND DEVELOPMENT

2024 **Research Mentor Training Participant**, Delta Research, Teaching, and Learning Program, University of Wisconsin-Madison
2022 **Bystander Intervention Training Participant**, ADVANCEGeo NTL-LTER

SERVICE AND OUTREACH

2024-Present Graduate Student Coordinator, Applicant Support for the Application Process (ASAP) Initiative, Department of Integrative Biology, University of Wisconsin-Madison
2024 Integrative Biology Graduate Student Representative, Wisconsin Science Festival, Madison, WI
2024 Integrative Biology Graduate Student Representative, Prospective Graduate Student Fair, University of Wisconsin-Madison
2022-2024 Graduate Student Representative, Department of Integrative Biology Diversity, Equity, and Inclusion Committee, University of Wisconsin-Madison
2023 Graduate Student Representative, Introductory Biology Teaching Faculty Hiring Committee, Department of Integrative Biology, University of Wisconsin-Madison
2023 Graduate Student Representative, Integrative Biology/Psychology Target of Opportunity Faculty Hiring Committee, Department of Integrative Biology, University of Wisconsin-Madison
2022-2023 Mentor, Integrative Biology Introductions for New Graduate Students Program, Department of Integrative Biology, University of Wisconsin-Madison

SCIENCE COMMUNICATION

2024 Video interview, [Tomorrow's Yellowstone: How a warming world is changing the places we love](#). Elise Mahon, Althea Dotzour, Jason Weiss, *University of Wisconsin-Madison News*.

PROFESSIONAL SOCIETY MEMBERSHIPS

2023-Present Ecological Society of America, Student Section, Microbial Ecology Section

CERTIFICATIONS

2018-Present	First Aid Certification
2019- 2021	Nationally Registered Emergency Medical Technician
2018	Ahlberg Leadership Institute Backcountry Level 1