

Alaina R. Petlewski
Curriculum Vitae
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Education

Geospatial Certificate Program Cal Poly Humboldt, Arcata, CA	June 2024 - Present
M.S., Plant Biology Cornell University, Ithaca NY	Graduated: May 2020
B.S., Botany; Minor: Chemistry Humboldt State University, Arcata, CA	Graduated: May 2017, Summa Cum Laude

Employment History

Testing Administrator (seasonal) Pearson Professional Center (Pearson Vue) Admit testing candidates, proctor computerized exams, and follow board specific guidelines to maintain integrity of testing environment	May 2022 - September 2022 Fresno, CA
Teaching Assistant: Plant Biodiversity and Evolution Professors: Dr. Karl Niklas and Dr. Margaret Frank Lead lab section, tutor students during office hours, set up labs	Fall 2018, Fall 2019 Cornell University
Teaching Assistant: Vascular Plant Systematics Professor: Dr. Jerrold Davis Lead lab section, tutor students during office hours, set up labs	Spring 2019 Cornell University
Learning Lab Tutor Supervisor: Cai Stuart-Maver Tutor students in general study skills and science classes	January 2017 – May 2017 Humboldt State University
General Botany Lab Preparator Supervisors: Courtney Otto and Dr. Mihai Tomescu Prepare, maintain, and manage materials for all general botany labs	November 2014 – May 2017 Humboldt State University

Mentor Experience

BTI Plant Genome Research Program Internship Mentor Mentored an undergraduate research student who won Best Poster at the end of the program; project title: Exploring the bacterial endophyte communities of Lycopodiaceae	Summer 2019
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Publications

Wayman, K.A., M.J. Reilly, and **A.R. Petlewski**. Taxonomic insights from floral scents of western North American sessile-flowered *Trillium*. *American Journal of Botany*. 110 (12): December 2023.

Petlewski, A.R., D.A. Hauser, M. Kim, J. Schmutz, J. Grimwood, and F.-W. Li. Re-evaluating the Systematics of *Dendrolycopodium* using restriction-site associated DNA-sequencing. *Frontiers in Plant Science*. 13. June 2022.

Petlewski, A.R., A. Patterson, and F.-W. Li. Characterizing culturable bacterial endophytes of five Lycopodiaceae species. *American Fern Journal*. 112 (2): 79-92. April 2022.

Petlewski, A.R. and Li, F.-W. Ferns : the final frond-tier in plant model systems. *American Fern Journal*. 109 (3) : 192-211. September 2019.

Skills

- Basic map production and data analysis in ArcGIS Pro
- Verbal and written communication
- Microsoft Office proficiency
- Documentation and organization
- Data compilation
- Proof-reading and editing
- Problem solving
- Inkscape/SVG editing proficiency