

### Education

<b>Ph.D. Candidate, Plant Ecology and Physiology</b> , University of Washington National Science Foundation Graduate Research Fellow Dissertation: <i>Uniting Physiology and Ecology to Investigate Hemiparasitism in the genus Castilleja</i>	Jan. 2017- June 2021
<b>Spanish/English Translation Certificate</b> , University of Massachusetts, Boston	Sept. 2017- May 2018
<b>BA, Spanish</b> , University of California, Davis	Aug. 2014
<b>BS, Wildlife, Fish and Conservation Biology</b> , University of California, Davis	Aug. 2014
<b>Study Abroad:</b> Universidad de Barcelona, Barcelona, Spain	Jan. 2013- Sept. 2013

---

### Selected Work Experience

<b>Science Communications Intern</b> , Ecological Society of America (ESA) <ul style="list-style-type: none"><li>• Assist in the process of finalizing the US National Vegetation Classification (USNVC) plan</li><li>• Lead content creation in alignment with the communication plan's tactics and messaging, in the plan's initial implementation</li><li>• Participate in calls of the Panel on Vegetation Classification and the ESA Education and Outreach Subcommittee</li><li>• All work done remotely</li></ul>	Aug. 2020 – Dec. 2020
<b>Ph.D. Candidate and Researcher</b> University of Washington, Seattle Terrestrial Restoration Ecology Lab, PI: Dr. Jonathan Bakker <ul style="list-style-type: none"><li>• Research focused on plant physiology and ecology of hemiparasites through data analysis, greenhouse manipulative experiments and field-work</li><li>• Extensive writing experience, including technical writing, grant applications and narrative science storytelling</li><li>• Experience handling, manipulating and analyzing data in R and Python</li><li>• Teaching experience in statistics, plant taxonomy and ecology</li><li>• Mentorship experience in undergraduate level projects</li></ul>	Jan. 2017 – present
<b>Plant and Animal Physiology Teaching Assistant</b> , University of Washington, Seattle <ul style="list-style-type: none"><li>• Teach two introductory lab sections per week focused on experimental and active learning</li><li>• Assist in the development of course materials</li><li>• Hold weekly discussions and office hours</li><li>• Grade and evaluate student assignments</li><li>• Received evaluation score of 4.8/5.0</li></ul>	June 2019-Aug. 2019
<b>Freelance Spanish / English translator and Writer</b> <ul style="list-style-type: none"><li>• Experience translating academic text, outreach material, storytelling pieces and conducting website localization</li><li>• Currently working as a freelance collaborator with Terra Translations and IEB Translations</li><li>• Freelance writer with experience writing and editing blogs and articles</li></ul>	July 2016 – present
<b>Restoration Worker</b> , Yosemite National Park, California <ul style="list-style-type: none"><li>• Worked as part of a crew on vegetation management projects in wilderness and front country areas, meadows, and riverbanks of Yosemite National Park.</li><li>• Backpacked for up to 8 days in inclement weather carrying heavy loads for up to 10 hours a day</li><li>• Worked and lived with a five-member crew. Practiced Leave No Trace ethics and always cooked communally</li><li>• Utilized GPS technology to survey, maintain and restore backcountry campsites to wilderness regulation standards.</li><li>• Surveyed for rare native plants</li><li>• Worked with volunteer groups, including groups with children, staff and interns</li><li>• Interacted with visitors and informed them about project goals and techniques</li></ul>	June 2016 – Oct. 2016

**Restoration Technician**, Golden Gate National Parks Conservancy, San Francisco, CA

Nov. 2014. – Jan. 2016

- Performed habitat restoration and vegetation management activities to support park projects and initiatives within the Golden Gate National Recreation Area. Experience writing work-day summaries and assuming the role as a site-lead of a crew of four.
- Used to performing repetitive often physical tasks in a variety of climate conditions.
- Knowledge of local flora, both native and non-native, and use of quantitative and qualitative methods measuring vegetation cover and biomass.
- Interacted often with visitors and informed them of project purposes and goals.

**Photography Editor and Journalist**, *The California Aggie*, University of California, Davis, Davis, CA

Jan. 2010 - Jan. 2013

- Managed all photography content for the University of California, Davis student-run newspaper, *The California Aggie*. Hired a staff of seven photojournalists and held regular meetings. Wrote and implemented the photography budget plan. Edited all photographs for print. Contributed photographic content to the paper. Played an active role on the editorial board.

**Photojournalist**, *San Francisco Chronicle* San Francisco, CA

June 2010-Oct. 2010

- Served as a photojournalist intern. Worked full-time on a variety of assignments. Pitched, photographed and wrote several pieces.

---

#### Selected Affiliations

- American Alpine Club; 2011- present
- Access Fund; 2016-present
- Washington Native Plants Society; 2017-present
- Washington Climber's Coalition; 2017-present
- Northwest Translators and Interpreters Society; 2017- present
- ProZ Translators Network, 2018-present

---

#### Selected Grants

- National Science Foundation Graduate Internship Program, United States Geological Survey, \$5000 total, 2019
- National Science Foundation Graduate Research Fellowship, full tuition and stipend, 2018– 2021
- Elisabeth Carey Miller Scholarship in Horticulture, \$1500 total, 2017
- Byron and Alice Lockwood Fellowship, full tuition and stipend, 2017-2018
- John L. Horn International Sport Climbing Grant, American Alpine Club, \$1500 total, 2014
- University of California Regents Scholarship, \$8000 total, 2009-2013

---

#### Software and Foreign Language Fluency

- Statistical software and languages: primarily R , with some experience in Python and MatLab
- Geospatial software: ESRI ArcMap 10 and R spatial packages
- Adobe Creative Suite, particularly Photoshop, InDesign, Illustrator and Lightroom
- Microsoft Word, Excel, PowerPoint, Access and Outlook
- Foreign Languages: Fluency in oral and written Spanish. Intermediate oral and written (Latin) Serbo-Croatian

---

#### Scientific Publications and Invited Presentations

- Li, W., Hodzic, J., Su, J. *et al.* A dataset of plant and microbial community structure after long-term grazing and mowing in a semiarid steppe. *Sci Data* 7, 403 (2020). <https://doi.org/10.1038/s41597-020-00738-1>
- "Leaf Mineral Nutrition of Hemiparasites and their Host" – Poster , Ecological Society of America 2020 Conference
- "Hemiparasitism in *Castilleja*" – Graduate School Student Symposium, University of Washington, 2018
- "Hemiparasitism in *Castilleja* - Host Preference and Ecological Impact" , Department of Natural Resources, Olympia, WA, 2018

---

#### Other Skills

- Avid writer, blog at [www.jasnahodzic.blog](http://www.jasnahodzic.blog)
- Expert in the use of a DSLR and very proficient in photo-editing; portfolio at <https://cargocollective.com/jasnahodzic>

