

BROOKLYN WRIGHT

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EDUCATION

Whitman College, Walla Walla,

Expected Graduation: May 2021

Bachelor of Arts in Biology-Environmental Studies

Thesis: Where The Wheat Grass Grows: Summertime Growth Patterns of Thinopyrum intermedium in Response to Climate Change Simulations and in Relation to Ecosystem Functioning

SKILLS

- Present ideas effectively in speeches & lectures
- Write technical language, reports, & manuals
- Analyze quantitative, physical, & scientific data
- Identification of Pacific Northwest plants
- Proficient in GIS and R studio
- Create innovative solutions to complex problems

RELEVANT EXPERIENCE

Whitman College Biology Department, Walla Walla, WA

September 2018 – Present

Aquaria Manager

- Self-supervised on all job tasks, ensuring safety of equipment and effective research procedures.
- Set up and kept a schedule for the maintenance and feeding of multiple large aquariums.
- Analyzed mechanical problems and implemented solutions in complex filtration systems, ensuring task completion.
- Measured water parameters and adjusted water chemistry accordingly, keeping a detailed log to observe trends.
- Utilized online and printed sources to research and improve issues involving water chemistry, fauna, and filtration.

University of Minnesota, Department of Agronomy and Plant Genetics, Minneapolis, MN May – August 2018

Undergraduate Research Assistant

- Collected data on Intermediate Wheat Grass (Kernza) such as growth stage, pollination, lodging, seed yield, and biomass for use in analysis and publication.
- Processed samples through the identification of common weeds, crop plants, and the anatomical growth habits and recorded data for fellow researchers.
- Interpreted site and plot maps to identify locations for data collection and maintenance to be used in future research projects.
- Propagated hundreds of fireweed seedlings in a greenhouse setting for use in offsite studies.
- Supervised teams of four on sensitive, detail-oriented projects to ensure the correct following of procedures.

The Draw Permaculture Sanctuary, Bayfield, WI

May – August 2017

Intern, Permaculture Design and Sustainable Agriculture

- Created a welcoming environment with diverse groups to establish a dependable community work ethic.
- Performed daily tasks related to animal husbandry and crop production in often challenging weather conditions.
- Applied techniques of cover cropping, companion planting, rotational grazing, and animal disturbance regimes.

LEADERSHIP EXPERIENCE

Whitman Events Board, Walla Walla, WA

August 2017 – Present

Creative Arts Director

- Organized and implemented 8-10 events yearly to promote creativity and peer bonding.
- Increased productivity and efficiency in group projects to ensure effective team effort and successful events.
- Designed advertisements using Canva and Adobe InDesign to draw in over 100 attendees to each event.

Co-Sponsorship Coordinator

- Conducted regular meetings with campus clubs and organizations to assess needs and details for event proposals.
- Recommended and provided guidance for online event planning resources to streamline the planning process.
- Facilitated conflict management using knowledge of individual motivations to gain mutual understanding.

PUBLICATIONS

Wright, Brooklyn, "From Holy to Holistic: Working Towards Integrated Management of the Bagmati River Corridor: (2017)". Independent Study Project (ISP) Collection. Paper 1808. | http://digitalcollections.sit.edu/isp_collection/108