

Beiwen “Bain” Zhang

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Education

Oregon State University, Corvallis, Oregon. Bachelor of Science, December 2022

- **BS.** Natural Resources Management/ Fish and Wildlife Conservation at College of Forestry (COF) at Oregon State University- *Listed in Winter 2022 Honor Roll*
- **BS.** Sustainability at Oregon State University

Relevant Coursework

Ecological Restoration, Animal Behavior, Sustainable Community, Sustainable Assessment, Wildlife Biology series, Biology Series (21x), Wildland Fire Ecology, Integrated Watershed Management, Consensus and Natural Resources, Public Land Policy & Management, Natural Resources Decision Making, Statistics.

Hosanna Christian High School, Klamath Falls, Oregon.

Diploma, June 2016

Job Experience

Peer Mentor, International Peer Mentor Program

Fall. 2019 - Fall. 2022

Oregon State University.

- Welcome new international students to the OSU community.
- Support students throughout the year and help them to adapt.
- Train others to work in support of international students.

Beaver Connect Peer Mentor, Education Opportunity Program (EOP) Fall. 2020-Fall. 2022

Oregon State University.

- Help first-year or transfer students be successful and become a part of the OSU community.
- Helping first-year or transferred students settle and explore resources/classes at OSU.
- Set up the team meeting for my faculty and students and lead/co-lead discussions every 2 weeks.
- Fulfill the Beaver connect report every two weeks and check in with the program coordinator each term during the academic year.
- Event planning with the other peer mentor.

Fish Camp Lead, Department of Ecology and Conservation.

Summer 2022

The Summit Bechtel Family National Scout Reserve (SBR).

Glen Jean, WV.

- Worked directly under the ecology and conservation director and fulfilled the tasks asked.

- Demonstrate “Leave no trace” to participants and correct their improper behaviors (i.e. tossing rocks into the river).
- Understand the Youth Protection Acts and carry out its procedure properly.
- Participate in each week’s campfire and other program-related events.
- Lead/co-lead merit badge classes (Fishing, fly-fishing, and F&W management) as merit badge counselor.
 - See details in the “Teaching Experience” section.
- Train new staff to work in the fish camp program and assign them tasks.

Teaching Experience

Teaching Intern (TI)

BI (Principle of Biology) 213

Oregon State University.

Spring 2020

- Help the Graduate Teaching Assistant (GTA) to set up the classroom (remotely)
 - Track the enrolled students’ attendance and ask them signature questions to fulfill their requirements.
- Create teaching materials and formative or summative assessments.
 - Check in with in-class students regularly and answer questions they have regarding class and lab materials.
 - Lead one lab introduction during the term, including introducing biological concepts (“rainshadow” effects and competition interaction), and discuss scientific research paper structures with the whole class.
 - Filed reflection report to the Program coordinator.
- Identify Characteristics of successful instruction in the classroom.
 - Regularly check in with GTA and discuss the potential improvements for the future classroom.
 - Share students’ concerns about the lab/class materials with my GTA and program coordinator.

Fish and Wildlife (F&W) Management Merit Badge Counselor,

Summer 2022

The Summit Bechtel Family National Scout Reserve (SBR).

Glean Jean, WV

- Lead fish and wildlife management class.
 - Prepare fish and wildlife management lesson plan.
 - Create a human-wildlife case study and promote in-class role-played debate activities, which help scouts understand the challenges & importance of fish & wildlife management.
 - Recommend and create the new birdfeeder (i.x.woodcraft sticks and straws) for K-12 participants’ habitat improvement exercise.
 - Create the creel census (Fishing efficiency survey) template via excel for in-class activities.

- Watch and maintain Safety & cleanliness within the fish camp area.
 - Regularly check in with the supervisor and discuss issues within the fish camp program area.
 - Recommend some improvements to the fish camp area in the future.

Service Experiences

Research Assistant Internship

August to September 2022.

Sea Turtles 911, Honolulu.

- Data collection and management
 - Use the photo-identification (Photo-ID) method to track and monitor the marine turtle population on the beaches.
 - Use the other field equipment (i.e. portable weather station, thermal cameras) to extract environmental data (weather variance, sand temperatures).
 - Input the collected data evidence to excel sheet and label it with the proper data.
- Interpret scientific- facts to the public and promote local conservation.
 - Brainstorm ideas and invite other conservation organizations to join our conservation program (“turtle watch”).
 - Organize and lead/co-lead public events (beach clean-up) with coworkers.
 - Sharing fun facts about sea turtles with the public and raising their awareness to help conserve Hawaiian green turtles (i.x. share our donation program information)

Community Engagement Leadership *Fall into Service*

October 2019

Oregon State University

- Park Maintenance in Chip Ross Park
- Clear sediments and make drainage ditches to redirect rainwater to the nearby streams.

Presentations

“*Internship Program Q&A Interview with International Student*” (YouTube) November 2019

Sea Turtles 911.

- Participate in the question and interview session and share some insights to work in this internship program, plus give some suggestions for future interns.

“*Turtle live talks at Waikiki Aquarium*” (Facebook)

September 2019

Sea Turtles 911

- Make this public speech with the other intern that shares insights (ecological role, challenges, current population, and history) of the Hawaiian green turtle populations. In the end, we share some ways to help save the green turtle population; Lastly, we encourage our audiences to join our conservation program and check the event posted on our social media page.

Internship/ unpublished Class Projects

Sea Turtle 911 Education Outreach Project

September 2021

Sea Turtles 911, Honolulu

- Create a social media story & photo album (PowerPoint format) regarding the Sea turtle 911 internship program.
- Make initial contact with the school organizations (International Peer mentor Program, EOP, Oregon State Dodgeball Club) that share information about green turtle conservation & our program, ask they post our social medial stories to their social media platform (i.x. Instagram, newsletter)
- Check in with the supervisor and ask the feedback before post it.

Sustainability in Practice (SUS 499) Practicum Project

Fall 2022

Oregon State University, Corvallis.

- Propose a turtle conservation organization in Hawaii.
 - Discuss the challenges and limitations within current green turtle conservation efforts.
 - Discuss the purpose, and mission of our proposed organization.
 - Discuss the potential barriers our “new” organization might be experiencing and how to overcome these barriers.
- Lead this project over the term.
 - Regularly check in with my teammate and assign certain tasks.
 - Contribute to the team project.

Public land Policy & Management Policy (FES486) Policy Memo Project

Fall 2021

Oregon State University, Corvallis

- Draft three alternative policy options to address human-wildlife conflicts
- Discuss the cons & pros of each alternative, then figure out the best policy options, and explain why.

Sustainable Assessment (SUS 304) Sustainability Assessment Project

Fall 2021

Oregon State University, Corvallis

- Draw a systematic map to reveal the sustainability issues within human-turtle interaction in the Hawaii region.
- Create conservation goals guided by Sustainable development Goals (SDGs).
- Create indicator list to evaluate the progress of the conservation goal.

Skills

- Bilingual- fluent in both Mandarin Chinese and English

- Team building, Leadership, Biology, Ecology, Presentation, Writing, conservation outreach, community engagement, Natural Resources Management, Time Management, Wildlife Conservation, Data collection and management, field investigation, Conservation Education, and Stress Management.
- Microsoft Office (Word, Excel, PowerPoint), programming (“hotspotter”- works for the photo-ID method to track wildlife population)

Membership/Certifications

- Hosanna Christian Cross Country and Track & Field Team 2015-2016
- Hosanna Christian Junior Varsity Basketball Team 2015-2016
- Oregon State Dodgeball Club Member 2017 -2022
- Oregon State COF Club Member 2018-2022
- BSA Certified Angling Instructor June. 2022
- Adult and Pediatric First Aid/CPR/AED August 2022