

Olivia T. Floyd

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Education

UNDERGRADUATE | WESTERN WASHINGTON UNIVERSITY | ENVIRONMENTAL SCIENCE

- Emphasis in marine science
- Relevant academic coursework including but not limited to: general and organic chemistry, organismal, cellular, molecular and developmental biology, ecology, oceanography, water quality, GIS, biostatistics, marine biogeochemistry, and calculus

Skills & Abilities

- R
- ArcGIS Pro
- 150+ hours of small group leadership experience and public speaking
- Experience using scientific equipment such as CTD rosettes, YSI sondes, and HAPS corers.

Relevant Experience

LABORATORY ASSISTANT | SHANNON POINT MARINE CENTER | JANUARY 2020 - MARCH 2020

- Assisted a post-doctorate with research on herring spawn vitality under acidic water conditions.
- Organized, surplused, and inventoried decades worth of scientific equipment
- Independently identified and addressed multiple organization projects around the lab
- Ensured all lab spaces and equipment were up to date and compliant with safety protocol

REU INTERNSHIP AT PIE-LTER | MARINE BIOLOGICAL LABORATORY | JUNE 2019 – AUGUST 2019

- Contributed data to NSF long-term ecological research project, processed and prepared nekton for isotopic analysis, analyzed gut contents of sampled fish to determine diversity of consumed invertebrates, and assisted in data collection on spatial analysis of high marsh usage by fish for foraging
- Presented research poster summarizing summer research at undergraduate research symposium

ECOLOGICAL RESTORATION INTERN | BELLINGHAM PARK OPERATIONS | SEPT 2018 – JUNE 2019

- Organized, mobilized and lead volunteer work parties in invasive plant and weed removal, cribbing installation, wetland mitigation, planting of native tree and shrub species, mulching, and hand tool use
- Designed, wrote, and developed a hand guides to plant identification and restoration techniques for members of the volunteer program

SALES ASSISTANT | SKLD TITLE SERVICES | FEB. 2017 – SEPT. 2017 & JUNE 2018 - SEPT. 2018

- Compiled ownership and mineral lease research charts in Excel requiring the detailed analysis of section land maps and historical documents
- Corresponded via e-mail and phone with clients to monitor their onsite company access and asset usage
- Trained new employees

Other work and volunteer experiences:

Boat Dock Operator and Ranch Hand at Piney River Ranch (3 months, 2016) || **Volunteer Aquarist Assistant with the Downtown Aquarium** (2017-2019) || **Nature Conservancy Volunteer at Zapata Ranch** (Summer 2014) || **Treasurer of the Dressage Club at Mount Holyoke College** (One Semester)