

EMILIANO MCLANE

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EDUCATION

- Bachelor of Science, Agricultural Science, Communication and Leadership** 05/2022
University of Idaho, Boise
Dean's List
- Associate of Arts, Agricultural Business, Leadership and Education** 05/2020
College of Western Idaho, Boise
Cum Laude

EXPERIENCE

Taxpayer Services Representative Idaho State Tax Commission
Boise, ID 08/2018 – 04/2021

- Investigated and resolved complex and escalated issues through knowledge of state tax rules and regulations.
- Composed correspondence to taxpayers that defined rules and regulations and created reports that were requested from taxpayers.
- Assisted taxpayers with opening business permits and resolved direct and indirect issues with them.

Boise Watershed Volunteer Boise Watershed Education Center
Boise, ID 01/2018 – 04/2021

- Assisted visitors with different crafts or activities that had been chosen by staff at the Boise Watershed Environmental Education Center and other locations.

Genes to Environment: Modeling, Mechanisms, and Mapping Research Experience Idaho State University
Pocatello, ID 06/2020 – 08/2020

- Field and laboratory experiences for students studying redband trout ecology and diversity.
- Enumerated fish populations using backpack electrofishing, collected tissue and blood samples for genetic analyses, and hormone assays.
- Collected physical habitat measurements to quantify stream characteristics and measures of food availability for trout.

Research Experiences for Undergraduates Intern Idaho State University
Pocatello, ID 05/2018 – 08/2018

- Watershed Science Summer Research Program
- Used technical equipment to collect data for research on controls of intermittent streams.

Taxpayer Accounting Clerk Idaho State Tax Commission
Boise, ID 01/2017 – 05/2018

- Used state designed software to review documents in a tax setting.
- Processed tax documents for finalization.

- Communicated with tax preparers/CPAs to verify tax information for accuracy and completeness and composed correspondence to clients per legal process.

MILES Undergraduate Research and internships (MURI)

Boise, ID

College of Western Idaho

09/2017 – 05/2018

- Researched and collected data to study the effects of legacy phosphorus in reservoir.

Student Assistant/Data Entry Aide

Boise, ID

College of Western Idaho

09/2017 – 01/2018

- Provided enrollment and admissions information to prospective students through email.
- Assisted in campus tours to prospective students and their parents.

Tree Climber/Trimmer

Boise, ID

Terry's Tree Service

05/2015 – 10/2016

- Used knowledge and experience in handling and caring for trees and plants.
- Trimmed and/or removed miscellaneous trees for business and residential customers.
- Maintained and safely used equipment such as climbing gear, boom truck, chipper, stump grinder and chain saws to complete job tasks.

Horticulture Supervisor

Santa Cruz, CA

Deluxe Organics

07/2009 – 04/2015

- Responsible for overseeing production in greenhouse, indoor, and outdoor gardens.
- Measured growth and coordinated plant growth cycles by using light and nutrient modifications to influence biochemical reactions.
- Involved in crossbreeding plant phenotypes and cloning.

Environmental Coordinator

Spring Creek, NV

South Fork Band Council

10/2007 – 06/2009

- Office coordinator for Environmental Protection Agency educational outreach grant.
- Managed numerous additional environmental grants for small tribal community by filing, bookkeeping, completing monthly/yearly reports, planning community events, and creating monthly newsletters.
- Established relationships with community stakeholders and researched grant qualifications and regulations for community projects. Interpreted policies, regulations, and federal laws in relation to grants.

LEADERSHIP/INVOLVEMENT

- **Deer Flat National Wildlife Refuge Volunteer as Environmental Educator** - Enhancing students' understanding of the environment by assisting in environmental education activities and programs.
- **AASONA** - Advancing Agricultural Science Opportunities for Native Americans member.
- **All Nations AMP** – All Minority Participation program member.
- **AISES** - American Indian Science and Engineering Society member.
- **American Indian Graduate Center RNG** - Rising Native Graduate program mentee.

CONFERENCE PRESENTATIONS

- McLane, E. "Controls on In-Stream and Riparian Carbon Fluxes in a Wetted Intermittent Reach" AGU Fall Meeting. Washington D.C. Poster. December 2018