

SIERRA MIKENZIE ZIERLER

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EDUCATION

UNIVERSITY OF IDAHO | *MOSCOW, ID* | GRADUATION DATE: PROJECTED MAY 2018 | GPA: 3.23

Student ambassador	Fisheries Bioaide
American Fisheries Society (outreach coordinator)	Photography Assistant
Back Country Hunters and Anglers (Treasurer)	Residence Hall representative
Wildlife Society Student Chapter	Community Council member
Fulbright Scholar Program Ambassador	CAYA (Central American Youth Ambassador) Leader
Orientation leader	

EXPERIENCE

MAY 2017-CURRENT | RESEARCH ASSISTANT | *UNIVERSITY OF IDAHO*

This summer job required me to understand the logistics of working on and in a field crew setting. This position allowed me to gain skills required for research based out of both satellite locations in the field, as well as in a laboratory setting. I conducted a series of triple pass depletion backpack electrofishing surveys to estimate population densities within both rugged and simple river systems. I also conducted habitat surveys and transect measurements including substrate measurements, percent cover (canopy), discharge (of the stream study area), flow, and habitat classification. I collected invertebrate drift and emergence samples, and benthic invertebrate samples (as well as identify invertebrates in a laboratory setting via subsamples of what I collected). I also gastric lavaged appropriately sized fishes to obtain stomach contents. During the school year I process adult salmon otolith samples in a laboratory setting. Additionally, I was also a participant in a research opportunity for the solar eclipse that occurred last year.

MAY 2016-AUG. 2016 | FISHERIES BIO-AIDE | *IDAHO FISH AND GAME*

This was a summer job that required me to understand the logistics and processes of a hatchery setting. Allowed me to gain skills required for research and population stocks of fish in Idaho. I was able to acquire the basic thought processes that are associated while working in a hatchery setting, such as feeding juvenile chinook salmon, understanding stocking methods for recreational methods for the surrounding areas of the place of work, adult salmon rearing and brood stock techniques and management, as well as data collection and communication of data collected in the field.

AUG. 2015-MAY 2016 | RESEARCH BIO-AIDE | *UNIVERSITY OF IDAHO*

This position required me to understand the operations of a research job environment as well as providing hands on assistance to a biological researcher. My purpose for this position was to record data from experiments that were being executed by a researcher, keep a close watch on experiments, microscope work, test water quality for the experiments, clean equipment, and create an inventory stock on all chemicals my advisor for this position had in his lab.

JAN 2016-CURRENT | STUDENT AMBASSADOR | *UNIVERSITY OF IDAHO*

This position requires me to provide student outreach services to prospective, and current students of the University of Idaho, as well as parents of students. I attend high schools to implement education lessons, and present information about the College of Natural Resources and the University of Idaho. Leadership retreats are also planned by the ambassadors to provide a workshop style weekend for students to work on their leadership skills.

AUG. 2015-JAN. 2016 | SHOE SALES ASSOCIATE | *TRI-STATE OUTFITTERS*

This position required me to engage with customers on a regular basis in helping them find the right merchandise for their needs. I acquired refined merchandising skills to help promote a plethora of shoe products, as well as other marketing skills.

AUG. 2014-MAY 2015 | PHOTOGRAPHERS ASSISTANT | *UNIVERSITY OF IDAHO*

This position required me to fully engage in an office setting, as well as a customer-professional interaction. I have also been able to use my computer literacy skills in programs such as Photoshop, Lightroom, and Portfolio. As a team, we would have appointments to attend that were made by individuals, clubs, and events around campus to capture them in digital format for memories and use in school publications.

MAY 2012-AUG 2015 | CASHIER; GROCERY PARCEL; COURTESY CLERK | *FRED MEYER*

I acquired problem solving skills, leadership skills, customer service standards endurance, perseverance, and refined responsibility. Some tasks included stocking and facing shelves to make sure items were readily available and help customers with their needs. Organization, time management, and working both together and independently. I acquired refined problem-solving skills, money handling skills, POS system skills, learning PLU codes. These positions also required me to maintain store cleanliness at the front end, retrieve shopping carts, customer grocery carry outs, and complete various daily tasks assigned by a manager.

AUG. 2011-CURRENT | SIERRANDIPITY PHOTOGRAPHY | *SELF EMPLOYED*

Photograph personal sessions/events. Duties include marketing, location scouting, equipment setup, photography, and custom editing and enhancement using Photoshop.

VOLUNTEER AND COMMUNITY SERVICE WORK

April 2016 – Idaho Fish and Game, Juvenile steelhead tagging project

Fall 2015 – Idaho Fish and Game, Game Check Station

May 2016 – University of Idaho, Steelhead Kelt Sampling Project (DNA collection)

Summer 2015 – Aquarium of Boise

Summer 2015 – Marian Knudsen Nature Center

1 Year – Residence Hall RHA Representative for the University of Idaho

9 Years – Girl Scouts

2 years – National Honor Society

3 years – Mayors Youth Advisory Council/ Community Council

SKILLS AND ABILITIES

Exceptional customer service

Laboratory Skills

People skills – work well with others

Self-starter – work well independently

Strong work ethics

Outdoor skills

Organization skills

Small forklift operation

Bird banding

Backpack Electrofishing

Boat Electrofishing (familiar)

Gastric Lavage

Habitat Surveying

PIT tagging

ATV familiarity

Goal setting

Communication

Responsible and focused

Science/ Research skills

Computer literacy – Excel, Word, PowerPoint, and

Photoshop (Cs4, Cs6)

Merchandising

CERTIFICATIONS

UNIVERSITY OF IDAHO | *SCUBA – NAUI*

(May 2016-current) – *lifelong certification* This course was taught by a NAUI certified instructor

UNIVERSITY OF IDAHO | *Defensive Driving course*

(May 2015-May 2018) Allowance to operate a university owned vehicle.

IDAHO FISH AND GAME | *CPR, First Aid, and AED*

(June 2016-June 2018)

UNIVERSITY OF IDAHO | *Stage 1 Animal Care and Use*

(March 2016-Current) Required for animal husbandry and handling in experiments on campus.

UNIVERSITY OF IDAHO | *Fire Extinguisher Use/Handling*

UNIVERSITY OF IDAHO | *Hazard Communication-New*

GHS standards course

UNIVERSITY OF IDAHO | *Lab Safety Course*

IDAHO FISH AND GAME | *CPR, First Aid, and AED*

(June 2016-June 2018)

HONORS AND AWARDS

AUG 2015 – CURRENT | AMERICAN FISHERIES SOCIETY

Recipient of the emerging leader award
(Fall 2016)

Participant for 9 years | GIRL SCOUTS

Recipient of the Girl Scout Bronze award
I participated in numerous activities and community service projects. I learned to use my resources wisely and how to utilize my own time, talent, efforts and work with others in my community.

MAY 2012-OCT 2013 | COURTESY CLERK | *FRED MEYER*

Recipient of Employee of the Quarter
Achieved outstanding employee (parcel) 4 times consecutively.
On annual reviews for both positions, I received scores of exceeding their expectations.

NOV. 2013-AUG 2014 | GROCERY PARCEL | *FRED MEYER*

Recipient of Employee of the Year for entire store

RELEVANT COURSE WORK

Introduction to Chemistry and Lab
Carbon Compounds
Exploring Natural Resources
Cells & the Evolution of Life
Organisms & their Environments
Biological Structure & Function
Microbiology and Lab
Society & Natural Resources
Technical Writing
Ecology
Fish & Wildlife Professions
Fish & Wildlife Applications
Fish Management
Mammalogy
GIS

Fish Ecology and Lab
Limnology and Lab
Ichthyology
Terrestrial Vertebrate Ecology
Wildlife Techniques Laboratory
Wildlife Population Dynamics
Calculus
Statistical Methods
General Physics
Physical Geology and Lab
Photoshop Photography
Behavioral Ecology (Will complete Spring 2018)
Aquaculture (Will complete Spring 2018)
Natural Resource Economics (Will complete Spring 2018)
Vertebrate Physiology (Will complete Spring 2018)

REFERENCES

NATASHA WINGERTER – University of Idaho
Position: PhD Student
Phone: (208)-310-5248 (cell number)
Email: nwingert@uidaho.edu

JAMIE MITCHELL – Idaho Fish and Game
Position: Manager 1
Phone: (208)-634-2960 (office number)
Email: Jamie.mitchell@idfg.idaho.gov

FRANK WILHELM – University of Idaho
Position: Associate Professor
Phone: (208)-885-7218 (office number)
Email: fwilhelm@uidaho.edu

JENNIFER CHAFFIN – University of Idaho
Position: Student Academic Advisor
Phone: (208)-885-2033 (office number)
Email: jchaffin@uidaho.edu