**Name**

Street address | City, State Zip code

Phone number | email address

**Education**

Northern Michigan University, Marquette, MI

Major: General Biology, GPA: X.XX

Minor: Earth Science

Anticipated graduation date: May 2020

**Professional Experience**

**Oregon Department of Fish and Wildlife – Baker City, Oregon. Wildlife Technician (40hr/wk)** July-Aug 2019

* Brood count surveys- Marked and counted game bird populations.
* West Nile Mosquito trapping.
* Mountain Goat capture, collar and relocation- Live animal capture and handling. Assisted in data collection; blood, fecal, nasal. Administered vitamins.
* Assisted in euthanasia.

**Oregon Department of Fish and Wildlife – Baker City, Oregon. Intern/Technical Worker (40hr/wk)** May-Jul 2019

* Solo workdays in remote areas where service was limited or non-existent on private and public land.
* Wolf trapping - Use of leg hold traps, lure, camera trapping. Tracked animals using prints. Successfully captured and released a coyote and black bear.
* Extensive camera trapping experience.
* Wolf depredation investigations with public interaction.
* Mountain Goat backcountry camping survey.
* Armed, deployed and collected bat acoustic detectors.
* Elk salt, Greater Sage Grouse survey input, remote horse riding.
* Extensive use of trucks, trailers, ATV’s, and Side by Sides in off road conditions and mountains.
* Use of radio telemetry to locate collars and track animals.
* Assisted in predator check-ins.

**Idaho Department of Fish and Game – Salmon, Idaho. Fisheries Biological Aide (40hr/wk)** May-Aug 2018

* Surveyed endangered species- Chinook Salmon and Bull Trout along with other native species.
* Worked on Private land- Day to day interactions with landowners.
* Electroshocking and Snorkeling surveys- River rescue, electroshocking training, fish identification training.
* Fish Salvages and screen cleaning- Collected fish from screens that were being cleaned and drained.
* Lake Stocking and Invasive Plant Removal.
* Habitat Surveys- Conducted surveys to identify stream conditions and how they affect fish, used flow tracker.
* Tent camped for most of the summer.

**Michigan DNR – Otsego Lake StatePark Gaylord, MI. State Worker (40hr/wk)** May-Aug 2016 & 2017

* Park Security- Proper radio communication knowledge.
* Park Maintenance- Lawn moving, weed whacking, trash pickup, painting, basic repairs.
* Camper Assistance, crowd control, other tasks as needed.

**Gordon Food Service Store – Gaylord, MI. Customer Service Representative** May-Aug 2014 & 2015

* Assisted customers in finding products throughout the store, cashier, stocked products on shelves.
* Received a raving customer award.

**Undergraduate Research**

**Whetstone Brook Stream Analysis** Sep 2019-Present

Professor: *Dr. Brandon Gerig,* NMU.

Sampling and studying fish presence and absence in an urban stream. Creating a long-term sampling framework to evaluate changes in the stream ecosystem.

**Conservation Microbial Ecology of Mink.** Jan 2019-Present

Professor: *Dr. Diana Lafferty,* NMU.

Researching how time and temperature effect fecal microbial community abundance post defecation, in Mink, and the accuracy of non-invasive fecal sampling. Authored two posters, presented at NMU Celebration of Student Scholarship and 2020 Midwest Fish and Wildlife Conference. Assisted in the trapping efforts and research of American Marten in the Huron Mountain Club. Co-authored a poster that was presented at the NMU Celebration of Student Scholarship day (3rd place).

Currently helping develop manuscript on microbiome data to evaluate the accuracy of non-invasive fecal sampling.

**Big Garlic River Migrating Salmonids.** Aug 2018-May 2019

Professor: *Dr. Brandon Gerig,* NMU.

Conducted one 24-hour Fyke net set per week to determine river use by migrating salmon. Co-authored a poster that was presented at the 2019 Michigan Fish and Wildlife Conference and the NMU Celebration of Student Scholarship day.

**Snowshoe Hare Behavioral Video Analysis.** Jan-May 2018

Professor: *Dr. Diana Lafferty*, NMU. *Paul Sims*, PhD candidate at McGill University.

Coded videos of snowshoe hare and observed different behavior and personality traits. Helped create and co-author a poster

that was presented at the Celebration of Student Scholarship day.

**Technical Reports and Publications**

Dead River Mitigation Funds Project Report Jan 2019

**Conference presentations (Posters)**

**Name,** Co-author, Co-author. 2020. Environmental exposure effects succession of microbial consortia in a model carnivore. Mid-west Wildlife and Fisheries Association, Springfield, IL, USA.

Co-author, **Name,** Co-author. 2019 Succession of microbial consortia in the feces of mink (*Neovison vision*). Celebration of Student Scholarship, Marquette, MI, USA.

Co-author, **Name,** Co-author. 2019 Influence of habitat structure on the diet and gut microbiome of American marten. Celebration of Student Scholarship, Marquette, MI, USA.

Co-author, **Name,** Co-author, Co-author 2018. Snowshoe hare personality may facilitate adaptive responses to environmental change. Celebration of Student Scholarship, Marquette, MI, USA

**Relevant Volunteer Experience**

**Cherry Creek Elementary** Jan 2019-May 2019

* Aided in classroom project to raise salmon fry.
* Performed fish care procedures.
* Taught young students about salmon and their life history.

**Michigan DNR** Nov 2016, 2017, 2018

* Assisted *Caleb Eckloff*, MI. DNR Wildlife Technician.
* Aged deer according to tooth wear.
* Collected information from hunters.
* Entered information into the DNR data system.
* Prepared samples to be sent to Chronic Wasting Disease testing labs.

**Idaho Dep. Of Fish and Game** Jul 2018**-**Aug 2018

* Assisted *Dennis Newman*, Biologist.
* Assisted *Jessie Shallow*, with cutting fence posts for the Loon Creek wilderness
* Drove a designated path in the Lemhi Valley looking for pronghorn antelope.
* Recorded gender, quantity, distance, and behavior.
* Cut poles into 10 foot sections, with a chainsaw, so fit into a plane to be flown into Loon Creek.

**Michigan DNR** Mar 2018

* Assisted *Caleb Eckloff,* MI. DNR Wildlife Technician, with wolf surveys**.**
* Drove around main and back roads looking for wolf tracks and signs of wolf packs.
* Hiked around areas of state land looking for tracks to determine pack size and boundaries.

**Michigan DNR** Feb 2018

* Assisted *Caleb Eckloff*, MI. DNR Wildlife Technician, with deer surveys.
* Drove around main and back roads looking for heavily used deer trails to locate winter yarding for deer.

**Biology Department, NMU** Nov 2017

* Assisted *Benjamin Bejcek*, a graduate student, with PIT tagging brook trout for his research.
* Netted stunned fish, conducted identification and measurements, observed pit tag placement.

**Biology Department, NMU** Oct 2016 & 2017

* Assisted *Dr. Jill Leonard* with electroshocking at Pictured Rocks National Lakeshore.
* Netted stunned fish, measured and identified them, hiked into backcountry with heavy equipment.

**Professional Affiliations**

The Wildlife Society Member. 2018-Present

Northern Michigan Fisheries and Wildlife Society Member. 2016-Present

Treasurer of the Northern Michigan University Fisheries and Wildlife Association. 2018-2019

**Certificates and Skills**

|  |  |
| --- | --- |
| Valid driver’s license | Northern tree identification |
| Boater’s Safety | Waterfowl and game bird identification |
| Snowmobile Safety | Mammal identification |
| Oregon ATV | Live trapping and handling experience |
| Oregon Hunter’s Safety | Red count training |
| River Rescue | Strong public relation skills |
| Able to comfortably drive with a trailer | Basic PIT tagging experience |
| Valid driver’s license | Experience electroshocking |
| Boater’s Safety | General fish identification |
| Snowmobile Safety | Kick netting experience |
| Oregon ATV | Ability to set fyke nets and minnow traps |
| Oregon Hunter’s Safety | Flow Tracker trained |
| River Rescue | Professional radio experience |
| Able to comfortably drive with a trailer | Tractor experience |
| Off-road and 4x4 vehicle experience | Deer aging workshop |
| Small watercraft, kayak, and canoe experience | R-coding experience |
| Chemical immobilization workshop | Northern tree identification |
| Radio telemetry experience | Waterfowl and game bird identification |
| Basic GPS, maps, and compass knowledge | Mammal identification |
| Experience using power tools | Remote camping/backpacking experience  |
| Basic survival skills and animal tracking | Physically fit |