*Curriculum Vitae*

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**Professional Profile**

Try to keep the summary short. Three or four sentences should be enough to express your interest, share your goals, and highlight your most relevant experience, research and skills.

**Core Skills**

**Education**

* M.S. Fisheries, University of Alaska Fairbanks, Fairbanks, Alaska, January 2015 – April 2020
* B.S. Biological Sciences and B.S. Biochemistry, University of Alaska Fairbanks, Fairbanks, Alaska – Sept. 2003 - May 2009
* Wasilla High School, Wasilla, Alaska, 1999-2003

**Publications**

*Peer-reviewed literature*

Cardona‐Marek, T.; Knott, K.; Meyer, B.E.; O'Hara, T.M. 2009. Mercury concentrations in southern Beaufort Sea polar bears: variation based on stable isotopes of carbon and nitrogen. Environmental Toxicology and Chemistry 28(7):1416-1424.

Gouin, T; Wilkinson, D; Hummel, S; Meyer, B.E.; Culley, A. 2010. Polycyclic aromatic hydrocarbons in air and snow from Fairbanks, Alaska. Atmospheric Pollution Research. 1(1):9-15.

Grunblatt, J; Meyer, B.E.; Wipfli, M.S. 2019. Invertebrate prey contributions to juvenile Coho Salmon diet from riparian habitats along three Alaska streams: Implications for environmental change. 34(1):617:631.

Meyer, B. 2017. The King of Fish “Book Drop”: Generating Conversation and Shared Values about Salmon in Alaska. Fisheries 42(7):351-352.

Meyer, B; Wipfli, M.S; Rinella, DJ; Schoen, E.R.; Falke, JA. Landscape Characteristics Influence Climate Change Effects On Juvenile Chinook And Coho Salmon Rearing Habitat In The Kenai River Watershed. Submitted to Transactions of the American Fisheries Society.

Schoen, E.R;.; Trammell, E.J.; Rinella, D.J.; Floyd, A.L.; Grunblatt, J; McCarthy, M.D.; Meyer, B.E.; Morton, J.M.; Powell, J.E. 2017. Future of Pacific salmon in the face of environmental change: Lessons from one of the world's remaining productive salmon regions. Fisheries 42(10): 538-553.

Schoen, E.R.; Sellmer, K.W.; Wipfli, M.S.; López, J.A.; Ivanoff, R; Meyer, B.E. 2022. Piscine predation on juvenile salmon in sub‐arctic Alaskan rivers: Associations with season, habitat, predator size and streamflow. Ecology of Freshwater Fish 31(2):243-259.

\*See the [Google Scholar page](https://scholar.google.com/citations?user=oqgMtEwAAAAJ&hl=en&authuser=2) for most current list of peer reviewed publications

*Public Technical Reports*

Meyer, B. 2021. Status of Copper and Zinc Throughout the Kenai River Watershed. Kenai Watershed Forum. Available from <https://dec.alaska.gov/media/22967/copper-zinc-field-report-2019-2020.pdf>.

Meyer, B. 2021. 2020 Kenai Beach Bacteria Monitoring Report. Kenai Watershed Forum. Available from <https://dec.alaska.gov/media/23091/kenai-river-beach-2020-final-report.pdf>.

*Theses*

Meyer, B. 2020, August. Landscape Characteristics Influence Climate Change Effects On Juvenile Chinook And Coho Salmon Rearing Habitat In The Kenai River Watershed. M.S., University of Alaska Fairbanks. Available from <http://hdl.handle.net/11122/12313>.

**Conferences/Presentations**

List any presentations or talks you’ve given and any conferences you’ve organized or attended.

Conferences

* Alaska Chapter of the American Fisheries Society
  + 2015, Homer, Alaska *\*Best student poster*
  + 2017, Fairbanks, Alaska
  + 2021, Virtual
* Western Division of the American Fisheries Society
  + 2017, Missoula, Montana
  + 2018, Anchorage, Alaska
* Student Division of the Alaska Chapter of the American Fisheries Society
  + 2015, Fairbanks, Alaska
  + 2016, Fairbanks, Alaska
* Society for Freshwater Science
  + 2017, Raleigh, North Carolina
* National Watershed and Stormwater Conference
  + 2022, St. Petersburg, Florida

Fellowships/Residencies/Grants

This section can include:

* Internships
* Fellowships
* Awarded grants
  + EPSCoR
  + Institute of Arctic Biology Summer Thesis Completion Grant
    - Summers 2018 & 2019 ($20,000)

Be sure to include the organization, dates, your title and the amount of grant money awarded.

Honors/Awards

* Nicholas Hughes Memorial Scholarship ($2000)
* Creative Writing Tuition Scholarship ($5000)
* Usibelli ($2000)
* Flint Hills undergrad grant ($5000)

List any honors or awards you’ve received related to your work and research.

Employment History

Include your employment history in reverse chronological order. List dates, and briefly highlight position responsibilities and achievements. Unlike the resume, avoid using bullet points. Paragraphs are more formal and expected.

**Water Quality Coordinator, Kenai Watershed Forum, November 2020 – Present**

Soldotna, Alaska

Oversee ongoing programs in water quality monitoring, fish habitat research, and conservation planning. Develop reproducible workflows for data management, analysis, and visualization. Project development and grant writing.

**Research Technician III, Alaska Department of Fish and Game, April 2020 – June 2020**

Douglas, Alaska

Technician for Berner’s River coho salmon smolt coded wire tag fieldwork. Independently oversaw capture and tagging of >20k out-migrating coho salmon smolt at a remote field site. Regular use of airboat, jet boat, and, and prop boat. Supervised one field technician, camp management, safety, and logistics.

**Graduate Assistant/Research Technician, University of Alaska Fairbanks, Jan. 2015 – April. 2020**

Fairbanks, Alaska

Designed, executed, and published peer-reviewed research as an M.S. student to investigate impacts of climate change on juvenile salmon habitat in the Kenai River watershed. Hired and managed multiple field and lab technicians, and conducted remote field operations. Oversaw and developed two separate field and laboratory research projects in juvenile salmon ecology in the Yukon River watershed. Designed and taught multi-day curriculum and outreach activities for public education. Awarded “Best Student Poster” and “Best Introduction” at state-wide academic conferences.

Working here 8/3/22

**University** **of** **Alaska** **Fairbanks** **Dept.** **of** **Biology** **&** **Wildlife** (Fairbanks, Alaska.) Teaching Assistant, Fall 2018 – Spring 2019

Taught two laboratory sections per semester for two courses: a.) Fundamentals of Biology II (BIOL 116) and Animal Physiology (BIOL 310). Oversaw and developed course material, graded assignments, and provided tutoring for >40 students per semester.

**Institute** **of** **Arctic** **Biology** (Fairbanks, Alaska). Held a variety of volunteer and paid positions throughout undergraduate education, including caretaker/naturalist at Large Animal Research Station, wildlife toxicology research assistant, and ground squirrel cache collector near Toolik, Alaska.

***Consulting***

**R2** **Resource** **Consultants** (June - December 2013. Anchorage and Talkeetna, Alaska.) Surveyed and characterized aquatic productivity throughout Susitna River basin including macroinvertebrates, algae, and juvenile salmonids. Oversaw data entry, QA/QC, and sample chain of custody.

**Three** **Parameters** **Plus** (May 2008 - May 2009. Fairbanks, Alaska). Performed field delineation and ground-truthing of wetlands mapping in southwest Alaska using soil profiles, vegetation surveys, and water quality sampling using U.S. Army Corps of Engineers protocols.

***Other***

**Chena** **Hot** **Shots,** **Gannett** **Glacier** **(Wildland** **Fire** **Crews)** (May 2009 – September 2011. Fairbanks and Palmer, Alaska). Crew member, sawyer. Performed wildfire suppression under extreme conditions throughout Alaska and the lower 48 in a team environment.

**US** **Forest** **Service** **Technology** **and** **Development** **Center** (November 2010 – March 2011. San Dimas, California). Wildland fire science research technician. Examined and tested materials including pumps, hoses, and tools for quality prior to government contract purchase.

Service

Include any services you’ve completed for your department, including:

* Chair of department
* Academic advisor to students
* Administrative assistance

Professional Affiliations

Highlight professional organizations you belong to or if you’re on the board of any organization.

Interests/Skills

Although this is an optional section, you can use it to include relevant interests and skills, such as:

* Foreign languages spoken
* Web design experience
* Computer programming abilities

References

Depending on the application requirements, you can also list references at the end of your academic CV. Be sure to include a minimum of three references.