

Brody G. Garner

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EDUCATION

B.S. Wildlife and Fisheries Biology and Management (WFBM) - Fisheries Concentration; Environment and Natural Resources (ENR)

University of Wyoming (UW), Laramie, WY; May 2019 (Graduate) WFBM **GPA 3.433**, ENR **GPA 3.838**, Cumulative **GPA 3.538/ 4.000**

KEY SKILLS

- Successfully manages complex workload
- Communication
- Developing and leading teams
- Ability to both work as team and independently

WORK EXPERIENCE AND RESEARCH

United States Army Corps of Engineers (USACE)

Cheyenne, WY June 2019 - Present

Wyoming Regulatory Office, Project Manager

- Utilize natural, physical, ecological, and social science professional knowledge within a regulatory setting involving landscapes across the states of Wyoming, Nebraska, and Washington.
- Evaluate Department of the Army (DA) permit applications in accordance with regulations and policies; successfully applied geographic and activity specific jurisdictions to efficiently manage workload; appropriately balanced compliance and enforcement actions for activities involving waters of the U.S. and/or navigable waters of the U.S. under the regulatory authority of the Clean Water Act and Rivers and Harbors Act; externally coordinated with agencies through both agency notification and public notice.
- Performed wetland delineations and verified applicant-submitted delineations for accuracy in accordance to the U.S. Army Corps of Engineers 1987 Wetland Delineation Manual and its Regional Supplements; independently evaluated Wyoming Department of Transportation (WYDOT) backlog of 60-plus outstanding mitigation sites and released nine sites from further monitoring.
- Experienced with project consultation involving coordinating the revised Section 401 of the CWA process with EPA, Section 7 of the Endangered Species Act, and Section 106 of the National Historic Preservation Act under the NEPA umbrella.
- Volunteered for a nationally visible Aquaculture Reinforcement Team to support on-going efforts to evaluate shellfish aquaculture permit applications for approval by letters of permission or standard permits in Washington state; this is a national priority and involves controversial and complex actions which consideration of ESA, EFH, 106, Tribal, and Public Interest Factors in making the permit decision. Communicated frequently with applicants, growers, neighbors, tribes, environmental groups, and USACE Seattle District leadership regarding the status of actions and workload prioritization.
- Web Content Provider for the Wyoming Regulatory Office; responsible for posting Approved Jurisdictional Determinations (AJD) and public notices to the Wyoming Regulatory webpage; actively update webpage for the regulated public's use; participate in quarterly District Web Content Provider PDT.

**Undergraduate Research – Wyoming Game and Fish
Department (WGFD)**

Laramie, WY 2018 - 2019

- Conducted undergraduate research assessing the effectiveness of Bismarck Brown Y biological dye on Iowa Darters (*Etheostoma exile*) for mark-recapture population estimates, in partnership with a WGFD fisheries biologist.
- Determined the concentration and fish exposure time that will be the most effective for mark retention in a lab experiment trial and applied this finding to a population of Iowa Darters in Huck Finn Pond in Laramie, WY.
- Presented findings through a research poster at the 2019 Colorado/Wyoming American Fisheries Society (AFS) Annual Meeting in Fort Collins, CO and the 2019 AFS/The Wildlife Society (TWS) Meeting in Reno, NV; article in preparation for publishing in *North American Journal of Fisheries Management*.

**Colorado/Wyoming American Fisheries Society (AFS)
Mentorship**

Laramie, WY 2018 - 2019

- Partnered with a WGFD fisheries biologist through the Colorado/Wyoming AFS mentor program
- Assisted with various fisheries projects, including surveying rivers and lakes for biological, chemical, and physical measurements, electrofishing, PIT tagging, and gill netting in Southeastern Wyoming.
- Installed and became familiar with temperature loggers for habitat data.

KC Harvey Environmental, LLC

Western North Dakota 2018

Tree Reclamation Crew Leader and Reclamation Technician

- Led a tree planting crew of three utilizing reclamation and remediation practices by planting over 60,000 native tree and shrub species on
- Coordinated and led daily safety meetings prior to commencing work each day.
- Utilized ArcGIS and ArcCollector to monitor and track planting on DAPL tree planting sites to help compile a detailed map of all tree planting areas along the pipeline.
- Conducted reclamation practices on newly constructed oil and gas pad sites by installing silt fence, erosion control material, and fulfilling stormwater pollution prevention plans (SWPPP).

ARTICLES IN PREPARATION

Garner B.G., Webb C.L., Gale S., Fetzer W. An application of Bismarck Brown Y Dye as a short-term biological marker. Target: *North American Journal of Fisheries Management*

PROFESSIONAL PRESENTATIONS

Garner B.G, Webb C.L, Gale S., Fetzer W. 2019: Application of Bismarck Brown Y Dye as a Short-Term Biological Marker. American Fisheries Society Annual Colorado-Wyoming Meeting, Fort Collins, CO.

Garner B.G, Webb C.L, Gale S., Fetzer W. 2019: Application of Bismarck Brown Y Dye as a Short-Term Biological Marker. American Fisheries Society and The Wildlife Society Joint Conference, Reno, NV.

VOLUNTEER EXPERIENCE

- 2020 AFS Annual Meeting Program Committee member
- 2018 Colorado Parks and Wildlife – Big Thompson River annual fish sampling/aquatic habitat evaluation volunteer

- 2018 UW The Big Event philanthropy day across Laramie, WY volunteer
- 2017 Fly Fishing Team USA Wyoming Regional Competition volunteer
- Annual philanthropic events, sponsored by Sigma Alpha Epsilon Fraternity, which benefit both local and nationally recognized charities

AWARDS AND HONORS

- **2019 AFS/TWS Joint Annual Meeting - Best Student Poster Award:** *(Fall 2019)*
- **UW Board of Visitor's Service Award:** *(Spring 2019)*
- **UW President's List Honor Roll:** *(Spring 2018 and Fall 2018 Semesters)*
- **UW Dean's List Honor Roll:** *(Fall 2016 and Fall 2017 Semesters)*
- **UW Provost's List Honor Roll:** *(Spring 2016 and Spring 2019 Semesters)*
- **National 4-H Congress Nebraska Delegate:** Environmental Education and Earth Sciences area *(2015)*
- **Eagle Scout:** Created memorial garden at First Presbyterian Church in York, NE *(2015)*

TRAININGS

- Water in the Watershed (January 2020)
- Regulatory IIA (March 2020)
- Regulatory I (November 2020)
- Stream Functions Pyramid and Stream Quantification Tool (SQT) (February 2021)

PROFESSIONAL ASSOCIATIONS AND LEADERSHIP ROLES

- Junior High/High School Basketball Official *(2021-Present)*
- City of Cheyenne Youth Basketball Official *(2021-Present)*
- Secretary for the Curt Gowdy Chapter of Trout Unlimited *(2020-Present)*
- Member of the CO/WY AFS Chapter and Western Division AFS Chapter *(2019-Present)*
- Alumni member of the Mortar Board Honor Society, UW Cap and Gown Chapter *(2019- Present)*
- Alumni member of the Wyoming Alpha Chapter of Sigma Alpha Epsilon Fraternity *(2019-Present)*
- Secretary of the UW AFS Student Subunit *(2018-2019)*
- Student ambassador for the UW Department of Zoology and Physiology *2018-2019)*
- Treasurer of the UW AFS Student Subunit *(2017-2018)*
- Student ambassador for the UW Haub School of ENR *(2016-2017)*
- Member of the Executive Council – UW Sigma Alpha Epsilon Fraternity *(2016-2017)*
- Graduate of the John O. Moseley Leadership School *(2016)*

REFERENCES

References are available upon request