ALEXIS J. WELDON

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EDUCATION

Auburn University   *Auburn, AL*
Master of Science - School of Fisheries, Aquaculture, and Aquatic Sciences (GPA: 3.9)   *Graduated: 2021*
- <u>Advanced:</u> Aquaculture Production in Vietnam, World Aquaculture Society 2022 Presenter

Purdue University   **West Lafayette, IN**
*Bachelor of Science – Animal Sciences (*GPA: 3.3)   *Graduated: 2019*
- <u>Advanced:</u> Agricultural Council Member, Entrepreneurship Program Ambassador, Erasmus at Wageningen University, Animal / Food Security Service Learning in Laos

EXPERIENCE

Novogene America   **Sacramento, CA (Remote)**
Project Coordinator   *2024 - Present*
- Serve as main point of contact for clients of next generation sequencing projects to answer questions during and after project completion, and ensure customer satisfaction
- Coordinate with interdisciplinary teams to ensure punctual delivery of project data and utilize scientific softwares to track projects and place task orders for the laboratory
- Submit optimization suggestions to streamline and improve project coordinator workflow

Global Guardian   **McLean, VA (Remote)**
Proposal Manager   *2022-2024*
- Established annual RFP submission and win rate goals with corresponding action plans to reach set goals
- Drove continuous enhancement of the content library to streamline RFP response timelines and better serve all employees who may query the library at the organization level
- Created RFP standard processes, including intake and evaluation, response strategy and templates, and historical tracking numbers
- Developed the company's Responsive content library, including implementing content review cycles by SMEs, updating and archiving content, and managing project uploads and exports

Auburn University   **Auburn, AL (Remote)**
Administrator I, Outreach Programs   *2021 – Present*
- Partnered with US Soybean Export Council to plan and host a regional aquaculture training meeting at Auburn University
- Directed instructional design team of 4 people for online coursework and corresponding website overhaul
- Interpreted technical data from research to create magazine and newsletter extension publications for farmers
- Refined coursework, monitored student progress, and evaluated student performance using Canvas; increased student engagement with eLearning modules by 50%
- Improved eLearning methods and materials to accommodate student needs and improve accessibility

Graduate Research Assistant   *2019 – 2021*
- Managed shrimp thesis research project studying alternative oil sources in commercial aquaculture feeds
- Forged collaborative relationships between Auburn University, Cargill, and other grant stakeholders
- Collected, compiled, analyzed, and communicated results of scientific studies weekly via email
- Utilized data analysis software such as SAS and R to manipulate and convey scientific data to others
- Interpreted and manipulated data to write manuscripts for scientific journals and extension outreach use
- Perfomed lipid saponification and analysis on shrimp tissue, hepatopancreas, and whole body samples

USDA-ARS Livestock Behavior Research Unit   **West Lafayette, IN**
Biological Science Technician   *2016-2019*
- Collected behavior information and biological samples from research animals
- Monitored animals and observed experiments and recorded data for investigation by university researchers
- Performed bench lab tasks including gram staining, slide plating, gut histology evaluation, blood analysis, and behavior video scoring

PROFESSIONAL CERTIFICATIONS

Purdue University
Certificate in Entrepreneurship and Innovation   *May 2019*

PUBLICATIONS

Fornari, Darci Carlos, et al. "The efficacy of hydrolized feathermeal as a protein source in diets for juvenile catfish Ictalurus punctatus." Aquaculture, vol. 576, Nov. 2023, p. 739823, https://doi.org/10.1016/j.aquaculture.2023.739823.

Weldon, Alexis, D. Allen Davis, et al. "Use of genetically modified canola oil as a replacement for fish oil in practical diets for whiteleg shrimp litopeneaus vannamei reared in green water conditions." Aquaculture Research, vol. 2023, 16 Oct. 2023, pp. 1–12, https://doi.org/10.1155/2023/2999827.

Reis, João, et al. "Passive acoustic feeders as a tool to assess feed response and growth in Shrimp Pond Production." Aquaculture International, vol. 31, no. 3, 13 Jan. 2023, pp. 1643–1657, https://doi.org/10.1007/s10499-023-01053-3.

Stites, William, et al. "Quantitative lysine requirement for juvenile Florida Pompano, trachinotus carolinus fed plant-based diets." Aquaculture, vol. 547, Jan. 2022, p. 737548, https://doi.org/10.1016/j.aquaculture.2021.737548.

Walsh, Samuel, et al. "Effects of fishmeal replacement, attractants, and taurine removal on juvenile and sub-adult red snapper (Lutjanus campechanus)." Aquaculture, vol. 544, Nov. 2021, p. 737054, https://doi.org/10.1016/j.aquaculture.2021.737054.

Alexis Weldon, Melanie Rhodes, D. Allen Davis, "Quantifying the contribution of natural productivity in biofloc systems to shrimp growth", Global Seafood Alliance

Weldon, Alexis, D. Allen Davis, M. Rhodes, J. Reis, et al. "Feed management of Litopenaeus Vannamei in a high density biofloc system." Aquaculture, vol. 544, Nov. 2021, p. 737074, https://doi.org/10.1016/j.aquaculture.2021.737074.

Weldon, Alexis, et al. "Quantifying the Contribution of Natural Productivity in Biofloc Systems to Shrimp Growth - Responsible Seafood Advocate." Global Seafood Alliance, Responsible Seafood Advocate, 22 Nov. 2021, www.globalseafood.org/advocate/quantifying-the-contribution-of-natural-productivity-in-biofloc-systems-to-shrimp-growth/.

Reis, João, Alexis Weldon, et al. "Automated feeding systems for shrimp: Effects of feeding schedules and passive feedback feeding systems." Aquaculture, vol. 541, Aug. 2021, p. 736800, https://doi.org/10.1016/j.aquaculture.2021.736800.

SKILLS & COMPETENCIES

Technical Skills and Software: Commercial Shrimp & Fish Aquaculture | Recirculating Aquaculture Systems (RAS) | Proposal Development | Technical Writing and Editing | Scientific Research & Outreach |

Professional Skills: Project Management | Information Organization | Product Planning and Scheduling | Structured Analytic Techniques | Standard Operating Procedure Creation |