

Blu Blugold

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EDUCATION

Bachelor of Science | *University of Wisconsin – Eau Claire (UWEC)*, Eau Claire, WI
Environmental Public Health Major

Graduation: December 2026

Relevant Coursework: Water and Wastewater, Environmental Ethics, U.S. Environmental and Sustainability Policy, Occupational Safety Management, and Fundamentals of Industrial Hygiene

RESEARCH EXPERIENCE

Research Assistant | *UWEC Watershed Institute*, Eau Claire, WI

September 2024 – May 2025

- Collaborated with three research partners in collecting water samples to investigate nitrate contamination for private wells in Eau Claire County
- Analyzed pool water samples for total alkalinity, calcium hardness, and chlorine and performed titrations, discovering that 29% of the 97 private wells tested positive for four of the seven agricultural indicators
- Presented findings to county board members and concerned citizens to inform them of health risks associated with the county's private wells

RELEVANT EXPERIENCE

Water Supply Specialist *Department of Natural Resources*, Green Bay, WI

May 2023 – Present

- Conduct annual site visits for transient non-community wells and pressure tanks in 325 different locations in Brown, Shawano, Oconto, and Marinette counties
- Coordinate with owners and managers of bars, restaurants, churches, and parks to establish annual site visits, ultimately improving community relations
- Perform Colilert tests on water samples to identify the presence of coliform bacteria and E. Coli
- Compile and interpret weekly site inspection results and share the data with Water Supply Specialists

Environmental Health Intern | *U.S. Public Health Service Commissioned Corps*, Bemidji, MN

May 2025 – August 2025

- Analyzed potential health and safety risks for over 30 medical, hotel, and restaurant establishments
- Orchestrated a wide variety of safety trainings such as respirator fit testing and fire extinguisher training
- Instructed three different courses surrounding food safety management for over 40 community members, resulting in a 15% decrease in food safety violations in the area

Volunteer | *Eau Claire County Health Department*, Eau Claire, WI

May 2023 – May 2025

- Monitored deer tick population by conducting tick drags at four Eau Claire County parks on a weekly basis
- Discussed tick drag findings and Lyme disease threat levels at Eau Claire Lyme Disease Grant meetings, noting that 40% of ticks collected were infected with Lyme disease
- Collaborated with fellow volunteers to research the potential side-effects of using repellents on the human body, discovering potential health complications due to improper usage of the products

MILITARY EXPERIENCE

Health Care Specialist - Combat Medic | *Wisconsin Army National Guard*, Eau Claire, WI

July 2018 - August 2022

- Facilitated yearly combat lifesaver course for over 600 infantry soldiers
- Trained 30 new medics on patient-care and emergency medical techniques

MEMBERSHIP AND INVOLVEMENT

President | *UWEC Conservationists Club*

January 2024 - Present

Member | *National Environmental Health Association*

January 2024 - Present

Member | *Minnesota Environmental Health Association*

September 2024 - Present

CERTIFICATIONS

Emergency Management, Hazardous Materials, and Incident Command System | *FEMA*

Completed: May 2024

Food Protection Manager and Instructor | *ServSafe*

Completed: May 2023