



# UWSP-Aquaculture/Aquaponic Summer Internships

Summer 2020: May 26 – August 28



## Description

The program will consist of combined work & student research experiences through:

**The UWSP-Northern Aquaculture Demonstration Facility (NADF)** in Bayfield, WI. Potential projects:

- Out-of-season spawning of walleye
- Atlantic salmon culture in recycle aquaculture systems
- Nanobubble oxygenation of recycle fish culture systems

**Superior Fresh** in Hixton, WI. Potential projects:

- Atlantic salmon culture & water quality dynamics in a decoupled aquaponic system
- Plant culture and growth optimization using state-of-the-art techniques

**Iron River National Fish Hatchery**, Iron River, WI. Potential projects include:

- Lake trout culture for restoration programs
- Coaster brook trout broodstock program

**UWSP Campus in Stevens Point**, WI. Potential projects include:

- Developing laser feeding methods for fish-feed optimization
- Development of methods using dyed feeds for fish bait consumption



*Past UWSP NADF intern, Mackenzie Klemek*

These internships offer applied research experience under the supervision of the UWSP-NADF Director and on-site supervisors. Interns will develop research plans that assist with various on-going research projects. Opportunities exist for internship and experiential learning credits along with an opportunity to present project results at the UWSP Undergraduate Research Symposium in 2021.

## Stipends

Stipend of \$6,072 is provided to a summer participant for a 14-week full-time program (40 hrs/week).

## Residence:

The student will be responsible for finding their own lodging in the local area. Some assistance in locating housing will be provided.

## Eligibility:

Applications are invited from undergraduate students who will have completed at least one-year of study towards a bachelor's degree and are still undergraduates during summer 2020. Preference will be given to students majoring or minoring in biology, fisheries, or aquaculture/aquaponics; but all are encouraged to apply. Minority, women and handicapped students are especially encouraged to apply. Participants must be U.S. citizens or permanent residents of the U.S. and its possessions.

## Deadline:

The deadline for receipt of complete applications for the summer program is **Open until filled**; applicants will be notified no later than February 1, 2020.

## Application Procedure:

Applicants must send a letter of interest thoroughly indicating their qualifications & interests, identify which field site is their preferred, an unofficial copy of their college transcripts or DPR, and complete contact information for 3 professional references sent to the address below. A total of five interns will be hired. Applications, questions or additional information can be directed to:

Dr. Chris Hartleb  
University of Wisconsin-Stevens Point  
Department of Biology, 302 CBB  
2101 Fourth Ave  
Stevens Point, WI 54481

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E-mail: [CHartleb@uwsp.edu](mailto:CHartleb@uwsp.edu)  
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