



STREAM HABITAT FISH INTERNSHIP ANNOUNCEMENT - 2020

Division of Ecological and Water Resources – River Ecology Unit

The Minnesota Department of Natural Resources [River Ecology Unit](#) will be filling 3 student intern positions. Salary is \$15.00/hr. Preferred work period is May 27 – September 4 but candidates **must be available from June 3rd to August 14th 2020**.

Primary responsibility will be to work as a team to assist the crew leader in the collection of biological and physical data on streams, predominately warm water streams. This position requires swimming while wearing a lifejacket and pulling large nets. Duties include fish identification, collection of voucher specimens, stream habitat and cover quantification, use of wading rods with current meters, electrofishing equipment, purse seine, GPS and boats.

Additional duties may include, but are not limited to organizing equipment, equipment maintenance, organizing data and data entry in Microsoft Access and ArcGIS, topographic surveying, and geomorphologic monitoring of stream restoration projects. The Minnesota DNR River Ecology Unit is heavily involved in long term monitoring of habitat conditions and biodiversity, development of habitat preference curves, and restoration of rivers.

This is a statewide program so overnight travel is often required 3 – 4 nights per week. When traveling, lodging and transportation are provided and the cost of meals will be reimbursed. Positions are based in St. Paul, Minnesota. Interns are responsible for their own housing and living expenses on their off time (i.e. nights not in travel status and weekends).

Required Minimum Qualifications:

Students must receive academic credit for successful completion of summer internship and be majoring in biology, natural resources, fisheries and wildlife, ecology, aquatic biology, environmental science, water resource management, or hydrology. An internship agreement must be signed by both the student and a faculty advisor.

Candidates must have Ichthyology (or similar course) or work experience in fish identification using taxonomic keys. Must have excellent and written communication skills and be able to accurately record and enter data. Candidates should be able to swim. Must be willing to travel overnight, 3-4 nights per week on short notice and to work odd hours and in adverse weather conditions. The candidate must be conscientious, dependable, and able to follow directions and work well as part of a team and independently. Excellent human relation and communication skills sufficient to represent the position and Division in a professional, efficient, and clear manner is also required. Candidates must be available to work from 06/03/2019 through 08/14/2019, preferred dates are 5/27/2019 to 9/4/2019.

Desired Qualifications:

Experience using GPS equipment and Geographic Information System (GIS). Experience trailering and towing boats. Experience with electrofishing. Experience with wading rods and current meters.

Physical Requirements:

Physically demanding work – requires walking on rough terrain, wading streams (often in fast flows), lifting and carrying heavy equipment (max of 50 pounds) -- such as generators, boat trailering and outboard motors use. (Non-motorized canoes and boats will primarily be used.) The candidate will regularly be required to carry nets and anchors while wading in streams.

License Requirements:

MN Class D Driver's license or equivalent: a single unit vehicle with a gross vehicle weight of less than 26,000 pounds. This is a basic driver's license. Operators may also tow a trailer as long as the gross combination weight does not exceed 26,000 pounds.

To apply, go to the [State of Minnesota career website](#):

Follow all the instructions for [Job ID 36646](#).

Applications must be received by January 31, 2020.

For questions contact:

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 **DEPARTMENT OF
NATURAL RESOURCES**

