



United States Department of the Interior

U. S. GEOLOGICAL SURVEY
Tunison Laboratory of Aquatic Science
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Cortland, New York 13045
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EMPLOYMENT OPPORTUNITY STUDENT TEMPORARY EMPLOYMENT PROGRAM

- POSITION:** Biological Technician
- SALARY:** \$12.98 - \$16.13 per hour/40 hours per week, 1 year position
- WHERE:** Saint Regis Mohawk Tribe,
Environment Division
Water Resources Program
412 State Rt. 37
Akwesasne, NY 13655
- WHO:** The Tunison Laboratory of Aquatic Science is a federal research facility that does work on the Great Lakes working in cooperation with the Saint Regis Mohawk Tribe to protect and enhance fisheries resources. You may contact Tony David (518) 358-5937 ex 112, Jim McKenna 607-753-9391 ext. 7521, or Jim Johnson at ext. 7530 for more information; send application (resume and cover letter) to Juanita Tarbell at the above address.
- WHEN:** The position will start on or about May 1, 2014 and will end in April, 2015. **The deadline for the submittal of applications is Friday March 28, 2014.**
- WHAT:** To assist research scientists carrying out laboratory and field experiments including the collection and processing of biological samples, use of lab instruments and field gear, and data entry.
- REQUIREMENTS:** You must be at least 18 years old and have left college within the last 12 months, must abide by drug free workplace laws.
- APPLICATIONS:** (1) Resume
(2) Transcripts

STATEMENT OF WORK

1. **Project Description:**

The student will be working on projects that examine the ecology of freshwater ecosystems. These projects involve a variety of aquatic species and ecosystems, particularly, investigation of fish species and communities sensitive to stream and river barriers in aquatic habitats of the St. Lawrence drainage. Under the direction of the program manager and the lead technician, the Biological Technician (Tech) assists with fish collection from watersheds associated with Akwesasne. The Tech will assist with fish collections, species identification, data entry and analysis, and report writing. The Tech will also assist with other fisheries-related issues for USGS and the Water Resources Program. The Tech is a 40-hr per week temporary position with the USGS. The term of this position is 12 months. Salary is linked to qualifications.

2. **Description of Duties and Responsibilities:**

Performs or assists with scientific field investigations primarily in the field of biology. Processes, separates, identifies to lowest possible taxon, counts, and measures specimens. May also assist with laboratory studies of biological samples using the full range of laboratory procedures and appropriate equipment. Representative duties could include: collecting and recording data as a member of a field crew or team, including routine surveys, field collections of animals, and habitat characterizations. The Incumbent must abide by drug free workplace laws.

3. **Level of Knowledge or Skills:**

Completion of two to four years of academic course work (a completed BS/BA is preferred) including study of biological science disciplines. Knowledge of biological principles and practices to apply standard scientific techniques in the completion of assignments involving scientific investigations and studies. Knowledge of scientific disciplines related to the collection and interpretation of biology related data. Knowledge of basic computer use and applications. Effective written communication skills and experience in the preparation of reports pertaining to scientific research. The ability to learn new skills and information. The ability to swim and boater's safety certificate preferred.

4. **Working Conditions:**

The work will be in the field (60%) doing moderately strenuous physical activity and the laboratory (40%) working at a microscope and working with preservatives and preserved specimens, or at a computer entering and evaluating data. Field work can, at times, involve working in inclement weather conditions and hours that may include early mornings. The ability to work in the field, including carrying heavy equipment over uneven terrain and handling field specimens, is required. Applicant must maintain a valid driver's license