

SUMMER POSITIONS AVAILABLE AT LSSU's CENTER FOR FRESHWATER RESEARCH AND EDUCATION



We are seeking applicants for **summer positions** to assist on multiple research and outreach projects, which may have opportunities for senior projects. Please review the information below on all projects before applying.

- 1. CFRE FISH HATCHERY (summer only; 2-3 positions)** – Techs will assist with daily operations of the CFRE Fish Hatchery, including hatchery operations and field and lab research as needed. **Period of employment:** full-time, early May-end of August (potential for part-time employment exists). **Responsibilities:** routine hatchery operations including culture of Atlantic salmon, care of lake sturgeon, and general maintenance and cleaning. Students also will assist with sea lamprey control, other aquatic ecology projects and fisheries surveys in the St. Marys River, and providing tours of the CFRE Fish Hatchery. **Special requirements:** must have a passport or enhanced driver's license, good driving record and a Boating Safety Certificate (can be taken on-line) by the start of employment. Applicants may be subject to a background check. **Wage:** \$9.65/hr., 15 weeks
- 2. COASTAL WETLANDS (up to 3 positions)** – This project is a large collaboration with organizations including CMU, GVSU, Notre Dame, and USEPA collecting ecological data on Great Lakes wetlands to develop the first Great Lakes-wide monitoring protocol. **Period of employment:** full-time, early June–end of August. **Responsibilities:** sample and identify wetland fishes, collect and analyze water samples in the field and lab, collect aquatic invertebrates, maintain gear, and enter data. **Special requirements:** applicants must have a passport or enhanced driver's license and a Boating Safety Certificate (can be taken on-line) by the start of employment. Some overnight travel may be required. Training is mandatory and will be provided in early June along with crews from other universities. At the end of training, all research technicians will be required to take certification exams to demonstrate proficiency in fish identification and general sampling protocols. Comfort operating and trailering small boats is a plus. **Stipend:** \$5,280-\$5,520 depending on experience; 12 weeks.

3. **ST. MARYS RIVER RESEARCH PROJECT (2 positions)** – These positions will work on two projects, the Little Rapids Restoration monitoring larval fish and the effects of *Didymosphenia geminata* (aka Didymo, rock snot), an invasive algae, on spawning success of salmonids in the St. Marys River. **Period of employment:** full-time, May 1-end of Aug (potential to extend part-time in the fall); **Responsibilities:** sample and identify larval and adult fishes, collect macroinvertebrate samples, measure water quality, sort larval fish samples, collection of Didymo, maintain gear, and enter data. **Special requirements:** must have a passport or enhanced driver's license and a Boating Safety Certificate (can be taken on-line) by the start of employment. **Wage:** \$11.00-12/hr., 15-16 weeks.
4. **EUROPEAN FROG-BIT (up to 3 positions)** – These positions will contribute to a collaborative project with the Three Shores CISMA, University of Central Michigan, and the Michigan Natural Features Inventory to assess effects of invasive European frog-bit on invaded sites of Munuscong and Raber bays of the St. Marys River. Additionally, the responses of European frog-bit and native species to removal of European frog-bit will be assessed. **Period of employment:** full-time, May 1-end of Aug. **Responsibilities:** assist CFRE's Research Technicians with surveys of water quality, aquatic plants, macroinvertebrates, and fishes. **Special requirements:** must have a driver's license and Boating Safety Certificate (can be taken on-line) by the start of employment. Aquatic plant and fish identification skills desired. **Wage:** \$11.00-12/hr.
5. **Environmental Outreach (1 position)** - This position will involve teaching and curriculum work related to P-20 student outreach events to build freshwater stewardship in the region. **Period of employment:** part or fulltime, 14 weeks. **Responsibilities:** assist CFRE educational staff with event planning, development, and presentation. Possible events include summer camps, school field trips, and community activities. **Special requirements:** excellent communication skills, ability to balance several projects at once, understanding of lesson/activity planning, and ability to work with people of diverse interests. **Wage:** \$9.65/hr.

Requirements for all positions: Applicants should have a positive attitude, interest in gaining experience in freshwater science, and willing to work long, and sometimes unpredictable hours as needed. Students from all majors are encouraged to apply. Applicants should be comfortable in and around water, tolerant of biting insects and harsh weather.

Preferred qualifications for positions 1-4: Experience with fish and invertebrate sampling and identification, experience operating and trailering a boat, an interest in aquatic ecology, and **an interest in developing an undergraduate research project associated with the summer positions.**

TO APPLY:

Submit an application by email, along with a formal cover letter summarizing your experience and interest in the position(s), and a resume to Jesse Wesolek (jwesolek@lssu.edu). Applications are due February 12, 2020 by 10:00 pm.