

Student Fish Husbandry Assistant position

The Genomics and Chemical Ecology Lab in the Department of Fisheries and Wildlife is looking for an undergraduate student to assist with zebrafish and sea lamprey fish husbandry and laboratory experiments. The successful applicants will join our team's (lilabmsu.com) research efforts on sea lamprey and zebrafish, including projects focused on behavioral ecology, physiology, and functional genomics. Together with assisting with fish care and ongoing projects, interested students may have the opportunity to work with researchers in the lab to develop their own projects. Techniques used in the lab include gene editing using CRISPR, behavioral assays, computer assisted sperm analysis, extraction and analysis of pheromones and other metabolites, and electrophysiology.

The position is full-time (40 h per week), with some flexibility in start and end dates (~May-August) and the possibility of continued part-time employment in the Fall 2024 semester. Starting pay is \$13- 15 per hour.

Job duties include:

- Fish husbandry (Feeding and food preparation, monitoring fish health, water quality checks, water treatment system maintenance, fish breeding and egg collection)
- Assisting with experimental setup and data collection
- General lab maintenance (cleaning, stocking of materials, preparing stock solutions for experiments)

Requirements:

- Reliable, good work ethic, and good communication skills.
- Ability to work at least 10 hours/week during the semester on M-F between ~ 8 am- 5 pm. Occasional weekend work.
- Interest in fish biology, behavioral ecology, molecular biology, genomics, or related fields.

Application Deadline: Applications will be accepted until the positions are filled, with preference given to applications received by March 22nd.

Pay: \$13.00- 15.00 per hour

Start date: Flexible, May 2024

Application instructions: Apply directly on Handshake – <https://msu.joinhandshake.com/stu/jobs/8774001>

Please include a brief cover letter highlighting your experience and interests and your resume.

For more information, please contact Jake Kimmel (kimmelja@msu.edu)