Undergrad Research Assistant in McLellan Laboratory at School of Freshwater Sciences

The student research assistant will help with research on bacterial contamination of surface waters and beach environments. The student will be responsible for performing microbiological and molecular analyses of bacteria collected from water and sand. We are willing to train in both microbiological and molecular techniques. Must be willing to do field work in rainy weather (experience on boats a plus). Must be self-motivated and capable of working independently. Lab experience is preferable. Full-time position is available for summer and 10-15 hours during school year. We are willing to train.

Personal transportation is preferred – SFS is located at 600 E Greenfield Ave.

Specific duties will include:

- Assist in field collection (via boat and car) of water, sand and the occasional wildlife feces for bacterial analyses
- Microbiological analysis of water, sand and sewage samples
- DNA isolations and molecular analysis of bacterial isolates
- Daily logging of scientific results in lab notebook and computer database
- Assist graduate students as needed
- Preparation of media and other laboratory supplies/solutions as needed
- General laboratory maintenance (wash glassware, autoclave supplies, maintain lab equipment, etc.)

Requirements include:

- Introductory Chemistry
- Introductory Biology
- Introductory Microbiology (Preferred)

For more information please email Deb Dila at dila@uwm.edu