



INTERESTED IN WATER QUALITY AND WETLAND ECOLOGY?

Summer 2015 UNDERGRADUATE RESEARCH INTERNSHIPS



Old Woman Creek National Estuarine Research Reserve (OWC) is offering one to two undergraduate research internships during summer 2015. The internships are expected to last 10 weeks, from late May or early June-August (start dates are somewhat flexible). Located in Huron, Ohio, on the south-central shore of Lake Erie, Old Woman Creek is one of the state's few remaining examples of a natural estuary. OWC is part of the National Oceanic and Atmospheric Administration's National Estuarine Research Reserve System, a network of 28 coastal reserves whose mission is to address state and regional coastal management needs through research, education, and stewardship.

The Aquatic Ecology intern will assist Dr. Kristi Arend, OWC Research Coordinator, with wetland research primarily related to fish and benthic invertebrate communities. The intern may also assist with other research program activities, including water quality and vegetation monitoring. This internship will include a combination of field, laboratory, and computer work. We are looking for someone with a strong interest in aquatic ecology, particularly habitat impacts on aquatic food webs. Desired qualifications include: progress toward a Bachelor degree in biology, ecology, natural resources, or a related degree; the ability to use a dichotomous key for identifying organisms.

The Water Quality intern will assist Dr. Kristi Arend and Mr. Dick Sinwald, OWC Chemist, with water quality monitoring and chemical analyses of environmental water samples. This internship will primarily involve water chemistry in the lab, instrument calibration and some fieldwork. We are looking for someone with a strong interest in environmental water quality and chemistry, particularly impacts of nonpoint source pollution on stream and lake water quality. Desired qualifications include: progress toward a Bachelor degree in chemistry, environmental science, or a related subject; at least two semesters of undergraduate-level chemistry.

All applicants must: be able to swim; have some experience using self-powered boats or motorboats; be able to lift at least 35 pounds; and be tolerant of working in poor weather or in the presence of biting insects. Interns will earn approximately \$10/hour, either through a stipend or wages. Free onsite housing in shared accommodations is available.

Interested students should submit electronic copies of the following application materials to Kristi Arend at kristin.arend@dnr.state.oh.us by March 27: (1) a letter of interest, which identifies to which internship(s) the student is applying; (2) current CV/resume; and (3) the names of 3 references. Interested students can contact Kristi Arend by email or phone (419.433.4601) with any questions.