



2020 Summer Science Internship Description

Each year the Great Pond Foundation engages the services of high school and college interns to assist with our Ecological Monitoring Program and work with our Science Programs Manager. GPF is committed to scientific data collection, much of which involves assessing water quality at 12 stations around Edgartown Great Pond twice weekly. In addition to water sampling, interns will help monitor eelgrass (*Zostera marina*) beds and survey for invertebrates such as shellfish, jellyfish, and tunicates. In summer 2020, we will be starting a Biodiversity Monitoring Program, where we will study species composition and abundance of fish, zooplankton, and phytoplankton in the Pond using beach seine and plankton nets. Additionally, GPF hosts a STEM camp for Island youth, where middle school students build an ROV (Remotely Operated Vehicle) with Woods Hole Oceanographic Institution engineer, Megan Carroll. GPF Summer Science Interns act as teaching assistants for this weeklong class.

We are looking for one high school and one college student for a Summer Science Internship. The ideal candidates should have an interest and enthusiasm for marine biology, environmental science, and science communication. Candidates must be capable of conducting repetitive tasks and spending long hours in the sun, with field days starting just after sunrise. Ability to collect and record scientific data accurately is required. Experience operating small boats and knowledge of New England coastal habitats and commonly found species is a plus. A typical week will be 25-30 hours, but occasionally up to 40 hours/week, with 3-4 workdays each week.

To apply, please send a cover letter, resume, and the names and contact information of three references to jobs@greatpondfoundation.org by March 1st, 2020.

Responsibilities and Tasks:

- collecting water samples and conducting water quality analyses
- prepare and process samples for further laboratory analyses
- conduct beach seine hauls and plankton tows
- data entry and processing in Excel
- prepare written and/or oral communications for interested stakeholders
- assist with community outreach events

Skills and Qualifications

- basic laboratory skills
- strong written and verbal communication skills
- self-motivated with the ability to work independently and with a team
- adaptable, hardworking, willing to learn, and have attention to detail
- must be comfortable working outside in all conditions
- must be comfortable handling marine species such as fish and crabs
- preferred start-end dates are early-mid June to mid-August, dates are flexible based on school schedules
- must have own transportation