

Position Title: Peconic Estuary Partnership Internship: Alewife Monitoring & Data Analysis
Location: Grangebel Park, Riverhead, NY, and/or Remote

Position Summary: The Peconic Estuary Partnership (PEP) is an innovative partnership of local, state, and federal governments, citizen and environmental groups, businesses and industries, and academic institutions charged with carrying out the goals of improved water quality and ecosystem health as outlined in PEP's Comprehensive Conservation Management Plan.

The intern will assist with Alewife monitoring during the spring to determine how many Alewife are using the Grangebel Park fish passage and coming up the Peconic River to spawn. The field work portion of the internship will be based out of Riverhead, NY. The majority of the work will be outdoors during the day in potentially adverse weather conditions. A reliable source of transportation is necessary. The virtual portion requires a computer to perform video analysis and data entry. Participation in the virtual component only may be considered. Field work occurs from March through May while the virtual component has flexible end dates. This is a paid internship and requires between 10-20 hours per week.

Background: Every spring, Alewife travel from the ocean to coastal waters and eventually make their way into freshwater rivers and streams to spawn. However, barriers – such as dams and road culverts – can block them from reaching their spawning habitat. The Peconic Estuary Partnership (PEP) is working with its partners to [restore access for alewife to their critical freshwater habitat](#) by providing passage through or around these barriers. In 2010 a fishway was built at the Grangebel Park Dam on the Peconic River, restoring access to 25 acres of habitat for alewife and other diadromous fish. Since the completion of this fishway, the PEP has been [monitoring Alewife on the Peconic River](#), through visual fish counts and biological sampling. During Spring, a camera is installed annually the Grangebel Park fishway to get a better estimate of the number of Alewife using this fishway and coming up the Peconic River to spawn. The intern will assist with the analysis of recorded video footage to ascertain abundance and trends.

Major Responsibilities

- Visit Grangebel Park in Riverhead, NY 2-3 times per week to assist with cleaning and maintenance of video camera
- Assist with biological sampling of Alewife at Woodhull Dam in Riverhead, NY.
- Watch recorded video footage, record species and number of fish
- Assist with data analysis

Skills:

- Ability to volunteer outdoors and perform physical tasks as needed.
- Ability to use Excel spreadsheets
- Ability to work independently and as part of a team
- Ability to maintain a positive and professional attitude

Please send resume and cover letter to Barry Volson barry.volson@stonybrook.edu and Valerie Virgona valerie.virgona@stonybrook.edu to apply. The position will remain open until filled.