



GUEST STUDENT INTERNSHIP AVAILABLE

Woods Hole Sea Grant Marine Debris Project: Boat Shrink Wrap Recycling

April 2021 – end of August or early September 2021

Woods Hole Sea Grant is seeking an undergraduate guest student to assist in the program's marine debris shrink wrap recycling and alternatives study on Cape Cod. This internship will be mostly remote with some travel within the Cape Cod area. We are seeking a matriculating student with coursework in environmental sciences, sustainability science, marine/coastal science, social science and/or science communication. Schedule is flexible, especially during school semester. Some local travel (April 15 – June 30) and a valid MA driver's license are required.

The student will gain skills in survey data analysis, computer software (Excel, potentially MatLab/Python), science communication, and project management.

Woods Hole Sea Grant is committed to building inclusive programs that serve people with unique backgrounds, circumstances, needs, perspectives and ways of thinking. We encourage applicants from all races, ethnicities, gender identities, sexual orientations, disabilities, cultures, religions, marital statuses, veteran status, and socioeconomic status.

Guest students are responsible for arranging their own room and board and are expected to arrive with their own health insurance. A monthly housing stipend and per diem will be provided. **We estimate approx. 30 hours per week or ~\$20 per hour.**

Interested students should send a CV and letter of interest to Stephanie Murphy, samurphy@whoi.edu by April 1, 2021. (Deadline has been extended.)

GUEST STUDENT INTERNSHIP DETAILS:

Alternatives study

The WHSG marine debris project includes a study to investigate alternatives to shrink wrap and public perceptions of shrink wrap recycling and shrink wrap alternatives. The student intern activities will include:

- surveying citizens at recycling container locations and ensuring host locations distribute survey link/QR code
- assisting in survey data analysis
- investigating the carbon footprint of shrink wrap recycling

Deliverable: develop messaging, fact sheets and social media posts related to alternatives to shrink wrap that can be distributed to the public. The student will also have freedom to explore their own research interests related to the study and its data.

Communication and outreach

The intern will assist in getting program information into the hands of as many people across the Cape as possible, tapping into networks of other NGOs, state representatives, municipal managers, town recycling committees, and the like. For example:

- expanding our outreach to non-host transfer stations to help direct citizens to our recycling containers
- developing new networks by liaising with other non-profit organizations with concerns about marine debris, plastics, and preserving the Cape Cod environment
- educating citizens across the Cape

Deliverable: Develop a database of contacts in various sectors for program's future use

Collection site monitoring

The student intern will visit each of our four recycling locations (Bourne, Falmouth, Dennis, Eastham) at least one time per week to monitor the collections for contamination, liaise with transfer station staff, replenish program print materials, take photos for social media use, and interact with boat owners (at a safe distance) at the recycling container, administering the survey and/or encouraging them to take the survey at home.

Deliverable: Program-related social media posts

About Woods Hole Sea Grant

The Woods Hole Sea Grant program, based at the Woods Hole Oceanographic Institution (WHOI), supports research, education, and extension projects that encourage environmental stewardship, long-term economic development, and responsible use of the nation's coastal and ocean resources. It is part of the National Sea Grant College Program of the National Oceanic and Atmospheric Administration, a network of 34 individual programs located in each of the coastal and Great Lakes states. Together, these programs form a national network of over 300 participating institutions involving more than 3,000 scientists, engineers, educators, students, and outreach experts. More information is available at <http://seagrant.whoi.edu>.