Summer Internships at Shoals Marine Laboratory

Shoals Marine Laboratory (SML) interns work directly with SML scientists to conduct a research project or design an educational program during the summer field season. SML provides room, board, and round-trip transportation to and from Appledore Island. Interns receive a program stipend upon completion of the internship. Questions? Email shoals.lab@unh.edu

APPLICATION DEADLINE: March 1, 2019

Examples of some of Shoals Internship opportunities include:

Aquatic Ecology Internship
June – August 2019 // The Aquatic Ecology Intern will conduct field research on the physical, chemical, and biological limnology of two freshwater ponds on Appledore Island. The intern will gain experience in field sampling methods for water quality monitoring, planktonic and benthic invertebrate sampling and taxonomy, and sediment sampling. Stipend: $150/week. 1 intern will be selected.

Marine Mammal Biology Internship
June – August 2019 // The Marine Mammal intern(s) will participate in a multi-year research project investigating population dynamics of two seal species in found in the Isles of Shoals. 2-3 boat-based surveys per week are conducted at Duck Island. Research questions include: photographic mark-recapture, species-specific site fidelity, and monitoring of entanglements and injuries. Stipend: $150/week. 1-2 interns will be selected.

Parasite Ecology Internship
June – August 2019 // The Parasite Ecology Internship collects parasite diversity data in invertebrate hosts on Appledore Island. Experiments are conducted that induce parasite infection in hosts, explore host behavior and physiology across an infection gradient, and determine influence of parasitism on competition. Stipend: $150/week. 1 intern will be selected.

Other internships being offered in 2019 include:
Sustainable Engineering – monitor and improve the island’s electrical and freshwater systems
Intertidal Ecology – participate in Shoals’ 50+ years of monitoring in the intertidal zone
Gull Population Biology – monitor reproductive success of two species of gulls on Appledore

TO APPLY: A cover letter, resume/CV, and unofficial academic transcripts and 2 letters of recommendation (at least one from a professor/faculty member. Letters should be emailed directly to SML’s Associate Director, Dr. David Buck (david.buck@unh.edu).

For more information and to apply: www.shoalsmarinelaboratory.org/student-research-internships
The Shoals Research Apprenticeship is a two-part, four-week program to learn the ins & outs of field research and prepare you in 2019 to be a competitive applicant for internships and NSF REU’s in 2020.

Combine MEFB 403: Investigative Marine Biology Laboratory (July 15 – July 29) with MEFB 751: Research in Biology (July 29 – August 12) to complete the Shoals Research Apprenticeship. You will conduct your own independent research project with the help of faculty mentors and your group of fellow apprentices. Build your resume/CV over the summer!

<table>
<thead>
<tr>
<th>Shoals Research Apprenticeship</th>
</tr>
</thead>
<tbody>
<tr>
<td>Part 1 of 2</td>
</tr>
<tr>
<td><strong>MEFB 403</strong></td>
</tr>
<tr>
<td>Investigative Marine Biology</td>
</tr>
<tr>
<td>Laboratory</td>
</tr>
<tr>
<td>July 15 – July 29</td>
</tr>
<tr>
<td>4 credits</td>
</tr>
</tbody>
</table>

Students will be eligible for regular SML financial assistance, need-based and merit-based scholarships.

Further questions? Email Dr. Elizabeth Craig (ecc79@cornell.edu)