



DEI Research Fellowship Proposal Guidelines

Once interviews are complete, we will award the Fellowship. The winning student is required to submit a full project proposal that will incorporate feedback gathered during the interview.

Proposal Format:

1. Title page, including:
 - a. Informative title
 - b. Synopsis (abstract) written for general audience (200 words max)
 - c. Author names and affiliations

2. Project Narrative (6 pages max)
 - a. Introduction with statement of purpose/problem/significance. (2 pages max)
 - b. Methods/procedures to be used in conducting the work involved. Include any required equipment or lab space.
 - c. Information on proposed statistical design and analysis.
 - d. Expected outcomes and dissemination plan for the presentation or publication of results.

3. Timetable (1 page max) including projected start and end dates.

4. References including peer-reviewed sources used in the proposal.

5. Budget and narrative summarizing and explaining any materials and supplies to be purchased and cost estimates.

Besides the actual research idea and proposal format, we are looking for

1. A quality proposal
 - a. Provides evidence of an understanding of scientific writing, scientific process and experimental design.

- b. Justifies project objectives by building upon the published literature.
 - c. Clearly links expected outcomes with research goals, and/or describes how outcomes will advance the program's stated areas of interest.
2. Well-reasoned plans to disseminate the results.

Limitations

1. To avoid the need for clearance from university oversight committees, research is restricted to invertebrate marine species and algae, including macroalgae and phytoplankton.
2. To avoid the need for special licenses and permits, proposals must be conducted in the lab and/or on DEI's existing leases using species sourced in Maine. Experiments should not include hazardous chemicals other than those routinely used by DEI, or potentially infectious or invasive microorganisms.
3. Boat use is prohibited.
4. Projects will be conducted in DEI's Marine Ecology Lab and temperature control lab. Field work will be conducted on DEI's campus or within a 25 mile radius.
5. The ocean acidification laboratory has been scheduled for use throughout the summer, and is not available for this fellowship.