

Dear Ocean Engineering undergraduates,

There may be a number of internships available to ocean engineering undergraduates on the Bay Campus this summer.

The acoustics and electromagnetics component of the RI offshore wind project will require some student help doing the following:

- 1) Doing literature searches on the effects of wind turbines on marine life including marine mammals, turtles, and fish.
- 2) Assisting the principal investigators (Jim Miller, Gopu Potty, and Kathy Vigness-Raposa) in planning and carrying out field measurements offshore and onshore of Block Island.
- 3) Analyzing acoustic and electromagnetic data in Matlab.
- 4) Writing draft reports, preparing powerpoint presentations, and participating in both technical and public discussions about the work performed.

Those selected should have a academic preparation in matlab (EGR106), mathematics (MTH142), ocean engineering (OCE101), and physics (PHY204, 205 preferred) and be willing learn more about acoustics, electromagnetics, wind turbine noise issues, instrumentation, and marine biology. This internships will require some travel to Block Island and time on a small boat.

If you are interested, please send resume to miller@egr.uri.edu including your availability for this summer, e.g. start and end dates, summer class commitments. Hours are flexible except during the field work which will likely be in late July or August.

Thanks,

Prof. Miller