



Bigelow Laboratory for Ocean Sciences

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SUMMER 2009 INTERNSHIP OPPORTUNITIES AT BIGELOW LABORATORY FOR OCEAN SCIENCES: Lobster Ecology

Interested undergraduates and recent graduates are invited to apply for summer internships in subtidal benthic ecology research. The number of internships will depend on the availability of funding. Internships will begin as early as mid-May and will likely extend through November 2009. We especially encourage students interested in pursuing a career in marine science, ecology, or fisheries who are available into the fall. Students returning to school in the fall should also consider applying Bigelow's REU Program <http://www.bigelow.org/education/REU/>.

Two projects supported by NOAA will be under way during the summer of 2009. We will be continuing a fisherman-scientist collaboration to evaluate the efficacy of genetic fingerprinting techniques to distinguish hatchery-reared from wild lobsters in population enhancement trials. This year also begins a new project on the spawning and fertilization dynamics of the giant sea scallop.

Interns will spend much of their time in the field conducting underwater surveys and experiments and working with fishermen on their boats. In the laboratory, interns will assist with experiments, sample processing, data entry and preliminary analysis.

Applicants must be SCUBA certified and provide their own equipment, except tanks. Divers can expect water temperatures ranging from 9-18°C in the Gulf of Maine, and sometimes low visibility. Dry-suits are not required, but are highly recommended, as field days will regularly consist of multiple dives in all weather conditions. Prior experience with outboard motor boats, computer spreadsheets and statistical software is desirable but not required. **This is an intensive field-based research program with long hours and physically demanding work. Therefore, a commensurate level of physical fitness is expected.**

Work will be staged from Bigelow Laboratory <http://www.bigelow.org/> in West Boothbay Harbor and the University of Maine's Darling Marine Center in Walpole. Interns are housed at the Darling Marine Center <http://www.dmc.maine.edu/>. Interns are provided a living stipend and dormitory housing.

Applications should include a completed questionnaire, resumé, academic transcripts (unofficial is acceptable), and two letters of recommendation. Questionnaires are available at www.bigelow.org. If you have any questions or problems, please contact Charlene Bergeron (see below).

Send all material by ground mail to:

Charlene Bergeron
Wahle Lab Internships
Bigelow Laboratory for Ocean Sciences
West Boothbay Harbor, Maine 04575

email: cbergeron@bigelow.org

tel: 207 633 9670

fax: 207 633 9641

Review of applications begins April 1, 2009. *If not a US citizen please apply early.*

SUMMER LOBSTER INTERN QUESTIONNAIRE 2009

CONTACT INFORMATION

Name:	e-mail:
Phone:	
Mailing Address:	

ACADEMIC EXPERIENCE

University:	Graduating Class: (season and year)
Area of Concentration:	
Courses in Biology/Ecology/Marine Science (List all you feel are relevant)	
Briefly describe any research you have been involved in:	

SCUBA EXPERIENCE

Certification Agency:	Current Certification Level:	Year of Certification:	# Open Water Dives:
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Current Certifications (Please Check all that apply)			
CPR:	First Aid:	DAN O2 Provider:	SCUBA Rescue:

How would you rank your experience on a scale of 1 to 5 (5 being most experienced):			
Cold Water Diving:		Low/Zero Visibility:	
Diving in Currents:		Diving from Boats:	
Identification of New England Invertebrates:		Identification of New England Fish:	

Do you have your own dive gear?	
If NO, are you willing to invest in the gear you need?	
Can you repeatedly lift 50 pounds?	
Any health problems that would prevent you from diving?	
Are you prone to motion sickness?	

BOATING EXPERIENCE

How would you rank your experience on a scale of 1 to 5 (5 being most experienced):			
Vessel Operation (18-23ft):		Navigation (Compass, GPS):	
Boat Repair:		Trailing/Launching Small Vessels:	

COMPUTING EXPERIENCE

How would you rank your experience on a scale of 1 to 5 (5 being most experienced):			
MSExcel:		MSWord:	
MSPowerPoint:		MSAccess:	

OTHER QUALIFICATIONS

Please use the space below to describe any other qualifications you think are relevant:

AVAILABILITY

Please list approximate dates available.
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REFERENCES (Please provide contact info for your TWO references)

Name		
e-mail		
Phone No.		
Relationship		