Summer Research Opportunity: Marine Ecology

Interested in getting involved in undergraduate research? The Freestone Lab is currently recruiting motivated undergraduate interns for the summer 2013 field season.

We are broadly interested in marine community ecology, predator-prey interactions, invasive species and climate change. We conduct both laboratory-based and field research. Interns will assist with four major projects being carried out by Dr. Freestone and her doctoral students.

1. The effects of both temperature and consumer diversity on species interactions

2. Examining habitat connectivity and the influence of predation on invasion success

3. The relative importance of native and non-native prey naïveté in marine invasions

4. Effects of consumer pressure on diversity in seagrass ecosystems

The positions are either volunteer or can be for done for credit. Interns will be required to work a minimum of 10 hours a week for at least 8 weeks (only need to be consecutive weeks if being done for credit), which may be spent in the lab, in the field, or both. For more information about our work, check out our website (http://astro.temple.edu/~afreesto/), and if interested in a position, email Katherine Papacostas (kpapacostas@temple.edu) with your resume, a brief description of your background and interests along with your summer schedule availability.
Summer Internship Opportunity in Marine Ecology

Essential Duties and Responsibilities:
- Assistance with laboratory and field experiments
- Collecting and manipulating samples
- Making observations
- Recording data

Schedule:
- Field and lab work will be ongoing from May through early September. Field days will be full days (>8hrs), and will require travel to field sites in New Jersey. Overnight stays are possible. Transportation will be provided.
- Interns will need to commit a minimum of 10 hours per week for 8 weeks (weeks do not necessarily have to be consecutive). Interns willing to commit more than the minimum hours will be strongly preferred.

Skills Required:
- Enjoy scientific activities and have an interest in ecology and marine systems
- Ability to prepare accurate records and reports
- Ability to work as part of a team
- Willing to work in remote locations and in inclement weather
- Being a confident swimmer

Why Volunteer?
- Advance your classroom knowledge of ecology by applying your skills in a research setting
- Gain exposure to marine systems and the species that occur there
- Gain experience with scientific research and a variety of field and laboratory techniques
- Gain academic credit
- Have fun!

To Apply:
Please send your CV or resume with a short description of your background and interests, as well as summer schedule availability to Katherine Papacostas (kpapacostas@temple.edu).

Ongoing Projects:
1. The effects of both temperature and consumer diversity on species interactions (field collections and laboratory experiments)
2. Examining biodiversity loss in Barnegat Bay, NJ, habitat connectivity and the influence of predation on invasion success (field surveys and experiments)
3. The relative importance of native and non-native prey naïveté in marine invertebrate invasion (field surveys and laboratory trials)
4. Effects of consumer pressure on diversity in seagrass ecosystems (field experiments)