ES Newsletter, Week of January 25, 2010

ON CAMPUS EVENTS

Psi Upsilon Fellowship Info Session
Wednesday, January 27th 7:30 pm
Maine Lounge, Moulton Union

Interested in spending a summer in Maine and gaining experience in the environmental field? Interested in working with an organization on Sustainability or Environmental Justice issues? The Environmental Studies Program runs a 10 week fellowship program that places students with environmental and conservation organizations. Students receive a $4,000 stipend and for positions based in Maine, are eligible for summer housing. **Deadline for applications is February 10.** Psi Upsilon Fellowship application and fellowship descriptions are now available on line. [http://www.bowdoin.edu/environmental-studies/beyond/psi-u-internship/index.shtml](http://www.bowdoin.edu/environmental-studies/beyond/psi-u-internship/index.shtml)

For more information, contact Eileen Johnson at ejohnson@bowdoin.edu

In addition, there will be several other programs presented as part of this same session:

- **Career Planning Center** Learn about the multiple Funded Summer Internship grants which allow for self-designed placements/projects anywhere in the country (with various focuses including business, entrepreneurial/community service, government, Projects for Peace, public interest careers, addressing the needs of the underprivileged) (Dighton Spooner)
- **Bowdoin Scientific Station.** Find out more about summer fellowships to conduct research at the Bowdoin Scientific Station on Kent Island. **For more information there will be an additional session on Tuesday, Feb. 2nd** [http://www.bowdoin.edu/kent-island/research/index.shtml](http://www.bowdoin.edu/kent-island/research/index.shtml) (Damon Gannon)

**Bowdoin Scientific Station Summer Fellowship Information Session**
Date: Tuesday, February 2nd Time: 7:00 pm
Location: Druckenmiller 20

Do you like the outdoors? Are you interested in conducting field research or in creating art that is inspired by beautiful scenery and natural materials? Do you want a rewarding summer experience that enhances your education (and pays you a stipend)? Then you should attend this information meeting. **All Bowdoin students are eligible for fellowships, regardless of their major.** Information on the following topics will be given at the meeting:

- Fellowship application process
- Fellowship structure, expectations & deliverables
• BSS facilities and natural environment
• Daily life at the research station
• Research and artistic projects available
  Contact Damon Gannon for more information (dgannon@bowdoin.edu or x4267).

INTERNSHIPS AND FELLOWSHIPS

Environmental Studies Summer Fellowship Program

This summer, the Environmental Studies Program will be offering 9 summer fellowships through two programs, The Psi Upsilon Sustainability and Environmental Justice Fellowship program and the Community Matters in Maine Fellowship program:

 Psi Upsilon Sustainability and Environmental Justice Fellowship

Application Due Date: March 1st, 2010 at noon

The Psi Upsilon Sustainability and Environmental Justices Fellowships provide students with the opportunity to explore the topic of sustainability or environmental justice by working directly with a business, at the government level or through a nonprofit organization. The Environmental Studies Program will award one Sustainability and one Environmental Justice Fellowship in the summer of 2010. Students receive funds to work with an organization of their choice.

Information and application information can be found at: http://www.bowdoin.edu/environmental-studies/beyond/psi-u-internship/Sustainable_EJ_info.shtml

Community Matters in Maine Psi Upsilon and Logan Fellowships

Application Due Date: February 10th, 2010 at noon

The ES Program coordinates the 10-week internships, working with Maine non-profit organizations and governmental agencies. Commitment to work in the environmental field, academic record, and financial need are all important criteria, though students not receiving aid are eligible if a paying summer job is a necessity. The Environmental Studies program will award seven Psi Upsilon–Community Matters in Maine Fellowships Fellowship placements will be offered through the following organizations:

- Town of Brunswick
- Town of Topsham
- City of Bath/Kennebec Estuary Land Trust
- Maine League of Conservation Voters
- Natural Resources Council of Maine
- Cultivating Community
- Brunswick Topsham Land Trust

Application and fellowship descriptions can be found at: http://www.bowdoin.edu/environmental-studies/beyond/psi-u-internship/application-info.shtml

Climate Change Internship

Deadline: Feb. 12

The National Estuarine Research Reserve System (NERRS) is a network of protected areas established for long-term research, education and stewardship. This partnership program between
NOAA and the coastal states protects more than one million acres of estuarine land and water that provides essential wildlife habitat; offers educational opportunities for students, teachers and the public; and serves as a living laboratory for scientists.

The objective of the NERRS WATCH (Watershed Actions To Climate Health) intern program is to provide a framework through which undergraduate students from diverse academic backgrounds may enhance their educational experience through practical assignments related to climate change.

Program participants will have an opportunity to work in a variety of coastal and estuarine settings at one or more of New England’s National Estuarine Research Reserves as appropriate for their project design. Participating Reserves are located in Rhode Island (Narragansett Bay; www.nbnerr.org), Massachusetts (Waquoit Bay; www.waquoitbayreserve.org), and Maine (Wells; www.wellsreserve.org).

For more information and application materials: http://www.nbnerr.org/nerrswatch.htm

**Clear Air-Clean Planet Climate Fellowships**

**Deadline: Jan. 31**

Clean Air-Cool Planet (CA-CP) is inviting applications for their competitive Climate Fellowship program. CA-CP is an action-oriented nonprofit that works with corporations, campuses, communities and science centers to find and promote solutions to global warming. They provide practical solutions that demonstrate the economic opportunities and environmental benefits of climate leadership. CA-CP’s Climate Fellowships pair outstanding students with challenging, important projects that will propel the US toward a low-carbon future. Climate Fellows receive supervision and mentorship, unique networking opportunities, and a stipend.

A Maine-based CA-CP Fellow will work throughout the summer in the GPCOG area to ensure regional and municipal project implementation. This will result in a Maine Energy Efficiency and Climate Change Handbook that is modeled upon existing NH and CT handbooks developed by CA-CP over the past two years. In addition, the Fellow will support the Maine Local Energy Committee Working Group that has been formed to advance the goals of the project and that will meet monthly. The intern will earn a $5,000 stipend. For more information on this and other CA-CP internships, see the website: http://www.cleanair-coolplanet.org/for_campuses/Climate_Fellows_2010.php

Letters of Interest should be addressed to: Anne Stephenson, Climate Fellows Coordinator. Applicants may only apply for one fellowship position.

**Summer Internship Opportunity with the CDC, Collegiate Leaders in Environmental Health (CLEH)**

**Deadline: Feb. 15**

This is a 10-week summer internship program for students in Environmental Studies, Ecology, Biology, Chemistry, Engineering, and other related majors June 9-August 13, 2010. Interns will participate in environmental health projects, interact with federal officials and scientists, and visit important environmental health sites in Atlanta. Other activities may include "brown-bag" lunches with CDC staff, as well as attending lectures from prominent environmental health leaders in the Atlanta area. In addition, interns will be able to attend the many seminars offered by CDC during the summer. The internship program will provide a stipend for living expenses ($500 per week). Travel to Atlanta will be the student’s responsibility. Potential housing options will be provided in advance;
2010 Environmental Intern Opportunities @ Green Mountain Conservation Group, Effingham, NH

The Green Mountain Conservation Group is a non-profit, 501(c)(3) organization founded in 1997 and dedicated to the protection of the natural resources of the Ossipee Watershed, which includes the towns of Effingham, Freedom, Madison, Ossipee, Sandwich and Tamworth. Located in north-central New Hampshire, about 45 miles from Portland and 50 miles from Durham, the Ossipee Watershed is home to New Hampshire’s largest stratified drift aquifer – a critically important statewide resource for existing and future drinking water supplies. Through education, research, advocacy and land protection, the Green Mountain Conservation Group strives to promote an awareness and appreciation of our natural resources and encourage a commitment to protect them. Currently, GMCG is working with municipal officials, community and business leaders, schools, summer camps and other concerned citizens on water quality protection and other natural resource conservation efforts. This is a great opportunity to help a grassroots environmental organization with fun, hands-on, exciting work that makes a difference! In the fall, spring and summer of 2010, we are looking to hire interns to work in the following positions:

- Water Quality Intern
- Source Water Protection Intern
- Water Quality Analysis Intern
- Fundraising/Grant Writing Intern
- Public Outreach Intern
- School Program Intern
- Patagonia Wild & Scenic Environmental Film Festival Intern
- GIS Intern
- Web Design Intern

Please email or mail your letter of interest and resume to:
Tara Schroeder, Program Director, Green Mountain Conservation Group, PO Box 95
Effingham, NH 03882, Phone: (603) 539-1859, Fax: (603) 539-3525, gmcgnh@roadrunner.com
For more information, see the webpage: http://www.gmgc.org/opportunities.php

Maine Coastal Heritage Trust (MCHT) Summer 2010 Positions:

- Downeast Summer Stewardship Assistant (part-time)
- Marshall Island Steward (2 short term, full time positions. Candidates must apply as a team)
- Whaleboat Island Caretaker (part-time)
- MCHT Stewardship Crew Leader (14 week- mid May-August, 40 hr/wk, $15/hr)
- MCHT Stewardship Crew (3 short term positions)

For more information, see the website: (see the website: http://www.mltn.org/view_jobs.php

Summer Internship at Wildflower CSA Farm, Bend Oregon
Bowdoin alum, Gigi Meyer is searching for an eager, capable candidate to become her farm intern this coming season.

"Windflower CSA Farm in beautiful Bend, Oregon is looking for a qualified intern for the upcoming growing season. We raise organic vegetables, herbs, fruit, flowers, horses, laying hens and dairy goats. For an enthusiastic, responsible, hardworking individual, opportunities abound for an intensive, hands-on education in organic horticulture and all aspects of sustainable farming. Wildflower is a small, diverse CSA and Market farm in Central Oregon and is offering a room, kitchen facilities and a stipend. Students would need their own transportation. Prior horse experience, although not necessary, would be a plus. Call Gigi Meyer (Bowdoin ’81) 541-318-1417 or email
Charles G. Koch Summer Fellow Program
Deadline: Jan. 31, 2010

The Charles G. Koch Summer Fellow Program combines a paid public policy internship with two career skills seminars and weekly policy lectures. You’ll gain real-world experience, take a crash course in market-based policy analysis, and hone your professional skills. The intensive ten-week program begins in June and includes a $1,500 stipend and a housing allowance. For more information visit:

OFF CAMPUS EVENTS

Wolf Neck Farm Winter Community Forum Series: “Sustainability: Transitions to Resilience”
January 28 “Sustainability: Then and Now” with historian Fred Koeber 6:30 pm
Freeport Community Center (53 Depot Rd, Freeport)

Local historian Fred Koeber will talk about changes in the use of land and water throughout history. Using examples from Maquoit Bay, he will connect historic land use to our contemporary search for sustainability.

POSITION ANNOUNCEMENTS FOR GRADS

Cultivating Community. Americorps Positions

Cultivating Community located in Portland Maine has two Americorps Positions available, Farm Apprentice and Refugure Farmer Marketing Coordinator. For more information on these positions, visit, http://cultivatingcommunity.org/news.shtml

Green Mountain Conservation Group, Water Quality Monitoring Coordinator 2010
This is a 40 hour per week, $10 per hour position January-December 2010. The coordinator will oversee Water Quality Monitoring programs for 2010 season, work with WMCG staff, board members, schools, teachers and partner organizations to create the Watershed Workbook (per grant guidelines). For more information see the website: http://www.gmcg.org/gmcg.php?id=165

Appalachian Mountain Club, Maine Policy Associate
The Appalachian Mountain Club (AMC) is the oldest conservation, recreation, and education organization in the nation, with more than 100,000 members, supporters and volunteers from D.C. to Maine. AMC is seeking a Maine Policy Associate to work directly with the Maine Policy Manager in furthering AMC’s conservation interests in the state of Maine, with some work in northern NH. The focus of this position encompasses AMC’s involvement in the Mahoosuc Initiative, public funding for land conservation programs, engaging grassroots support for strategic land conservation projects, building a coalition for outdoor recreation, and promoting appropriate management of public land. As our Maine Woods Initiative (MWI) is a substantial component of AMC’s efforts in Maine, the Maine Policy Associate will also work with other MWI and Conservation staff to ensure continuity
and consistency between the MWI and other Maine conservation issues. This is a year round, exempt position based in Southern Maine with excellent benefits, reporting to the Maine Policy Manager.

To apply: Please send resume and cover letter to: amcjob143@outdoors.org
For more information: Contact Bryan Wentzell, AMC Maine Policy Manager at bwentzell@outdoors.org.

**Maine Farmland Trust Project Coordinator**
Maine Farmland Trust, a fast-growing statewide non-profit organization, seeks a highly capable person to coordinate a community-centered project from a satellite office in Unity. The ideal candidate will have a passion for farms, an ability to work with a wide range of people, and experience with at least two of the following: community organizing; business development; land conservation; farming practices; and land use planning. Applications due February 5th. Position begins March 2010. Contact Kristin at 207/338-6575 or info@mainefarmlandtrust.org to receive an application package.

**The Department of Conservation’s Maine Natural Areas Program (MNAP) has an opening for the position of Conservation Aide Intern.** The MNAP conducts ongoing statewide inventories and monitoring efforts to document the location, condition, and status of Maine’s biota. The Program maintains a comprehensive data management system consisting of computer, map, and manual files used primarily for planning and protection efforts for rare plant species and exemplary natural communities and ecosystems. The MNAP partners with other state agencies (Maine Department of Inland Fisheries and Wildlife-MDIFW, Bureau of Parks and Lands, State Planning Office) to create or update GIS parcel data for state and some private lands. MNAP also performs environmental reviews of various types using MNAP and MDIFW data.

The intern will assist MNAP ecologists, environmental review, and data management staff with tasks such as:

- Digitize parcel data for public and private land parcels
- Quality control existing data
- Assist with environmental review
- Transcribe information about the location and status of rare plants and natural communities into the MNAP’s databases
- Respond to information and publication requests
- Collect and link landowner information to rare plant and natural community locations
- Maintain and organize rare plant and natural community manual files
- Summarize field survey data
- Contact landowners for permission to inventory and notify landowners of inventory results
- Draft sections of final reports for Natural Resource Inventories, Ecological Reserve Monitoring, and Ecoregional Surveys

It is desired that the intern will have the following skills or comparable experience:

- Knowledge of GIS and ArcMap 9.X
- Biology background, especially ecology and biology of northeastern biota
- Strong computer skills
- Strong organizational skills and meticulous attention to detail
• Willingness to work in an office environment

The internship will be based at the MNAP office in Augusta. This is a full-time, short-term (3 to 6 month) position and pays $11.00/hour.

To apply for this position, send a cover letter, resume and list of 3 references to Lisa St. Hilaire, Information Manager, Maine Natural Areas Program, 93 State House Station, Augusta, ME 04333, (207) 287-8046 by January 27, 2010. **Applications received after January 27, 2010 will be considered if the position remains open.** For more information, see the website: [http://www.maine.gov/doc/nrimc/mnap/staff/jobs.htm](http://www.maine.gov/doc/nrimc/mnap/staff/jobs.htm)

**Intertidal Marine Ecology Seasonal Research Assistant**  
From Bowdoin alumnus Sarah Close  
position at Oregon State University. Partnership for Interdisciplinary Studies of Coastal Oceans (PISCO)  
Job ID# ONSH-2010

This is a fulltime seasonal position lasting for six months beginning at the end of March 2010 through September. We are looking for enthusiastic individuals to assist in rocky intertidal research on the Oregon Coast. The marine ecology research focuses include mussel and barnacle larval recruitment and settlement, community ecology, and species interactions projects. This position involves both lab and field work. The lab work will include counting samples at a stereo microscope. The field work activities will involve hiking to field sites, climbing on coastal cliffs with heavy equipment and working on rocky exposed shores in the surf. The individual must be willing to work early mornings or late nights, some weekends, and some overnight stays at field sites.

Required qualifications:
* Self-motivated, ability to work both in a team setting and also independently
* Undergraduate course work in marine biology/ecology
* Familiarity with the rocky intertidal ecosystem and marine invertebrates of the Pacific Northwest
* Previous field work experience a must, preferably in the rocky intertidal
* Excellent problem solving ability and organizational skills
* Valid driver's license and a good driving record
* Hardworking and willing to work weekends and after hours

Program:
PISCO is a large-scale marine research program that focuses on understanding the nearshore and intertidal ecosystems of the U.S. West Coast. An interdisciplinary collaboration of scientists from four universities, PISCO integrates long-term monitoring of ecological and oceanographic processes at dozens of coastal sites with experimental work in the lab and field. We explore how individual organisms, populations, and ecological communities vary over space and time. PISCO's findings are applied to issues of ocean conservation and management, and are shared through public outreach and student training programs. For more information visit our website at: [http://piscoweb.org/](http://piscoweb.org/)

Salary: $11.00/hr  
Dates: March 22, 2010-September 2010  
Location: Oregon State University in Corvallis, Oregon  
Housing: We do not offer housing.  
Transportation: Transportation is provided to and from field sites.

If you would like to apply for this position, please email with Job ID# ONSH-2010 as subject:
* a letter of intent explaining your interest in this work, your background, your dates available, and other pertinent information
  * a CV or resume
  * a copy of your college transcripts (unofficial copies accepted)
  * email and phone contact information for at least two references

To: Jerod Sapp; PISCO lab manager; pisco@science.oregonstate.edu
for more information, contact Jerod by email or check out our website at
http://mytilus.science.oregonstate.edu

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