ES Newsletter Week of February 7

ON CAMPUS EVENTS

Psi Upsilon Fellowship Info Dinner
Monday, Feb 7 6:00
South Campus Dining Room, Moulton Union

Grab dinner and join students who received a Psi U fellowship last summer and find out about applying for the fellowship, how the program works and why you should consider applying!! A few spaces for the dinner tonight. If interested, please drop Eileen Johnson ejohnson@bowdoin.edu an email so we know that we have room!

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 14. We also offer one Sustainability and one Environmental Justice fellowship that allows students to receive a stipend while working in a placement and location of their choice. Deadline is March 1.

Psi Upsilon Fellowship application and fellowship descriptions are now available on line.

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

Kenneth V. Santagata Memorial Lecture:
Geoengineering as a response to Climate Change: A Bad Concept Meets an Urgent Problem (Dale Jamieson)
Wednesday, February 9

Lunch 12-1 Hutchinson Room, Thorne Hall
Informal discussion 4:00-5:00 p.m. ES Common Room, Adams Hall
Lecture: 7:30p.m. Kresge Auditorium, Visual Arts Center

Dale Jamieson is a leading expert on the ethics of climate change. In this presentation, he will focus on his recent critiques of geoengineering as an approach for alleviating climate warming. Dr. Jamieson is Director of Environmental Studies at New York University, where he is also Professor of Environmental Studies and Philosophy, and Affiliated Professor of Law.

Interested in spending the summer on Kent Island?

The Bowdoin Scientific Station on Kent Island (BSS) is soliciting applications from students for summer fellowships in science and art. BSS is a remote academic research station in the Bay of Fundy. Students at BSS design and carry out their own independent research or artistic projects. Areas of research include organismal biology, population biology, community ecology, geology, and oceanography. "Art" is defined broadly, and includes visual arts, music, creative writing, and filmmaking.
Information Session:
Tuesday, February 8th at 7:00 in Druckenmiller 24. Contact Damon Gannon (dgannon@bowdoin.edu) if you have any questions.

Application Deadline: March 1. Applications are available on the home page of BSS’s web site: http://www.bowdoin.edu/kent-island/index.shtml (scroll down to the bottom of the right-hand panel)

Maine Employer Career Fair:  Land Jobs & Internships in Maine
Thursday, February 10, 2011  2:00 - 5:30 PM  MORRELL LOUNGE, SMITH UNION

Start your career in the state you love. Bowdoin Career Planning has brought together amazing entry-level and summer opportunities. Maine companies have the qualities that drew you to Bowdoin - high standards of excellence, a balanced lifestyle and a chance to make your mark.

Stop by Smith Union to meet face-to-face with employers and Bowdoin alumni with current opportunities. Apply to positions through eBEAR. If you have a resume make sure to bring copies with you!

Companies will Include: Baxter State Park Authority, Maine Conservation Corps, Wells National Estuarine Research Reserve, Stantec (Environmental Consulting)

Environment Maine Fellowship Opportunity Information Session
Thursday, February 10  2-5:30 (stop in and chat about opportunities)
   Info session 7:00-7:45 pm
   Lancaster Lounge

Interviews to be held on Friday, Feb 11. Please contact Nathaniel Meyer for more information
Environment America is a national federation, with groups in 29 states and in Washington, D.C.
and a staff of 100 issue experts, policy advocates, attorneys, and grassroots organizers working to
reduce our dependence on oil, repower America with wind and solar energy, and better protect
our rivers, lakes, parks and forests.

Apply on line at: www.environmentamerica.org/jobs, or contact : Nathaniel Meyer
nathaniel@environmentmaine.org

UNDERGRADUATE INTERNSHIPS AND JOB OPPORTUNITIES

Environmental Studies Psi Upsilon Fellowships
Applications due: Feb 14 and March 1
Questions?  Eileen Johnson is happy to meet with any students interested in this fellowship – contact her at ejohnson@bowdoin.edu
The Environmental Studies program offers two fellowship programs that place ES majors in stipended summer internships - the Community Matters in Maine - Psi Upsilon and Logan
Environmental Fellowships and the Psi Upsilon Sustainability/Environmental Justice Fellowships. Students must be rising juniors or seniors and have an interest in environmental issues. Students’ academic record and financial need are all important criteria, though students not receiving aid are eligible if a paid summer job is a necessity. Preference is given to ES majors.

Psi Upsilon Sustainability and Environmental Justice Fellowship.
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 are encouraged to take time over winter break to identify a list of organizations that they might work with through this fellowship.

Application Due Date: Tuesday, March 1st, 2011 at noon

Community Matters in Maine Psi Upsilon and Logan Fellowships
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 Fellows. The list of organizations participating in the program will be available in early January.

Application Due Date: February 14th, 2011 at noon

Coastal Studies Fellowships
Applications due: Tuesday, March 1 at noon (see the student fellowships website to apply: http://www.bowdoin.edu/student-fellowships/undergrad-research/institutional-spring.shtml

The Coastal Studies Center offers two summer fellowships: 
The Rusack Coastal Studies Fellowships support faculty mentored student projects that focus on coastal issues or topics and that are investigated from a humanities, social science or natural science discipline.

Doherty Charitable Foundation Fellowships support faculty mentored coastal or marine student research.

Stewardship Crew
Applications due: March 1
Maine Coast Heritage Trust (MCHT) is looking for three crew members who will work with a leader on many of the Trust’s 70 mainland and island preserves over the summer months. Work will include trail clearing, trail improvement, boundary marking, painting structures, basic carpentry, and vegetation control. The crew will move frequently, although will occasionally work on the same site for more than one week. Accommodations for the crew will vary, depending on location. There will be cabins at some sites, other sites will require camping. Days will be long and days off will be clustered (possibly 8 on, 4 off). Some basic gear will be provided. Send resume and letter of interest by March 1, 2011 to Peg Adams, Maine Coast Heritage Trust, One Bowdoin Mill Island, Suite 201,
Topsham, Maine 04086 or to padams@mcht.org. For more information go to www.mcht.org and click on “About MCHT” and “Jobs”.

**Intern OurEarth.org**

This summer, join the OurEarth.org community and become an intern in OurEarth.org’s 2011 Environmental Leadership Program. This is a rare opportunity for you to develop as a leader and learn many of the skills that are necessary if you want to create significant environmental changes in the future. In addition to leadership training, you will work on a number of diverse environmental projects that will help the OurEarth.org organization and website expand, be in a team with students from other colleges, earn course credit, connect with OurEarth.org’s large network of environmental professionals.

A more detailed program description, the internship application, and further information about the OurEarth.org organization is available here: [http://www.ourearth.org/students/](http://www.ourearth.org/students/). Finally, if you want to apply, act quickly since admission is done on a ROLLING BASIS and acceptances will begin to be mailed in February. If you have any questions, please contact John Ullman at (410) 878-6485 or jgu@duke.edu, to get additional information.

**The Maine Association of Wetland Scientists Research Stipends**

The Maine Association of Wetland Scientists (MAWS) is offering up to two wetland research stipends to actively enrolled students or student teams for use on a research project relating to Maine wetlands for up to $1,000 total. This announcement is being circulated to other colleges and universities in the Northeast with departments known to be involved in wetland-related studies. Members of the MAWS Executive Committee will review applicants’ Proposals/Abstracts and award the stipend(s) in May of 2011.

The selected student(s) are required to give a presentation on the outcome or progress of the research project at the MAWS annual membership meeting, usually held in March, within one-year of receiving the stipend. The winner(s) will also receive free attendance at the annual meeting, and reimbursement of travel expenses subject to approval. The annual meeting typically includes lunch and various technical speakers in the field of wetland science.

In the event you have questions about these stipends or have suggestions to offer about future stipends, contact Laura Lapierre at (207) 518-6763 or at llapierre@normandeau.com. In addition, for related information including the enclosed stipend application materials, visit MAWS on-line at [http://www.mainewetlands.org](http://www.mainewetlands.org).

**The Mount St. Helens Institute is currently seeking hardworking and outgoing interns in the fields of Environmental Education, Conservation and Outdoor Recreation for the summer of 2011**

To apply send the following information to [internships@mshinstitute.org](mailto:internships@mshinstitute.org)
- Cover Letter
- Resume
- Contact Information for 3 references
- Preferred start and end date
For full job descriptions, please visit: http://mshinstitute.org/index.php/programs/internships
Laura Kerr, Director of Science Education, Mount St. Helens Institute
tel: (360) 891-5069
fax: (360) 449-7801
www.mshinstitute.org

2011 International REU Site Program in Ghana
Deadline for receiving applications is February 11, 2011
Virginia Tech invites students to participate in its NSF-funded International Research Experiences for Undergraduates (REU) Site Program at the University of Cape Coast, Ghana from May through July 2011. The program will run pending funding by the NSF. The goal of this program is to expand the educational experience of participants through research in ecology, environmental science, and conservation biology in tropical sub-Saharan Africa. Participants will travel with the Program Director to the University of Cape Coast, Ghana during the summer to work on defined research projects under the mentorship of Ghanaian scientists. They will conduct carefully selected projects focusing on ecological studies in the Cape Coast area such as the Kakum National Forest, one of the few virgin forests in Africa. Weekly seminars and workshops, led by Ghanaian professors, will provide participants opportunities to learn beyond their disciplines. Field trips to cultural sites will take place during the weekends. Airfare, stipends, room and board will be provided. Additional information and applications are available at http://www.undergraduate.vt.edu/GhanaREU/. Deadline for receiving applications is February 11, 2011

Maine Coast Heritage Trust/ Harvard Forest
Deadline is February 11
Maine Coast Heritage Trust (MCHT) is looking for a crew leader who will supervise three crew members and work on many of the Trust’s 70 mainland and island preserves over the summer months. Deadline is February 11. See the website for more information: http://www.mltn.org/view_jobs.php click on “About MCHT” and “Jobs”. Harvard Forest- Harvard University: Assistant Program Coordinator/Resident Assistant needed. See the webpage for more information: http://www.mltn.org/view_jobs.php click on “About MCHT” and “Jobs”.

Summer Positions with Friends of Acadia
Ridge Runner Position (4 positions)  Recreation Technician (1 position)
Deadline: February 11th
Friends of Acadia is looking to hire for the summer 2011 season. Ridge Runner duties include hiking selected trails, educating park visitors about Leave No Trace principles and offering trail guidance, first aid, water, maps, and information about Friends of Acadia and Acadia National Park programs. Recreations Technician duties include: Maintains electronic trail counter, uses GPS to map and record conditions of trails, etc. Deadline: February 11th  See the website for more information: http://www.friendsofacadia.org/ See the Bowdoin Student Research and Fellowships webpage for additional fellowship and research opportunities, and deadline dates:
Eco-Informatics Summer Institute

Deadline: February 18th, 2011


Eco-Informatics, an emerging discipline, integrates mathematics, computer science, statistics, and engineering with the study and management of ecosystems. Through a ten-week undergraduate/early graduate research experience, the EISI will provide interdisciplinary training for young scientists to help manage ecosystems in our technologically sophisticated, globalized world.

For more details and application, please go to: [http://eco-informatics.engr.oregonstate.edu/](http://eco-informatics.engr.oregonstate.edu/) or email coxma@engr.orst.edu. The application deadline is February 18th, 2011.

MARUM Center for Marine Environmental Sciences at the University of Bremen, Germany (July 1-August 31, 2011)

Deadline: February 28

Summer Student Fellowships at the Center for Marine Environmental Sciences (MARUM) are awarded to undergraduate students who have completed their junior or senior year at colleges or universities studying in any of the fields of science including but not limited to the fields of biology, chemistry, geology, geophysics, mathematics, meteorology, physics, and oceanography. Students must have at least a tentative interest in the ocean sciences. Women and persons from underrepresented groups are encouraged to apply.

This program will last during the whole period of these 8 weeks. Students from all over the world will work on their own projects but also visit seminars especially given for them. The program will be finished by the final presentation seminar in which each of the Fellows will present her or his project. The Summer Student Fellowships will take place from July 1 until August 31, 2011. Deadline: February 28. For more information, see the website: [http://www.marum.de/Ausschreibung_Summer_Student_Fellowships_2011.html](http://www.marum.de/Ausschreibung_Summer_Student_Fellowships_2011.html)

HERO Fellowship

The Human-Environment Regional Observatory (HERO) program is an undergraduate-graduate-faculty experience that engages in research on human-environment relationships in Massachusetts. HERO Fellows conduct hands-on research under the mentorship of Clark University faculty. The research conducted by HERO Fellows often leads to scholarly publications, presentations at academic conferences across the USA, and awards and honors.
This eight-week curriculum (June 7th through July 30th) is sponsored by the U.S. National Science Foundation through its Research Experiences for Undergraduates Site (REU Site) program. HERO Fellows analyze the causes and consequences of global environmental changes at local scales in faculty-led research projects. Fellows and faculty study the causes, patterns, and consequences of changes in forest and urban land uses, using an inter-disciplinary approach that includes social science (eg, using interviews), geographical information science (eg, using remote sensing/GIS), and landscape ecology (eg, using forest mensuration). Fellows spend a lot of time on professional development skills, too. For information, see the website: http://www.clarku.edu/departments/hero/fellowship.cfm

Questions should be directed to Dr. Colin Polsky, cpolsky@clarku.edu, or 508-421-3828

**Chicago Botanic Garden Summer Internship and Conservation and Land Management (CLM) Intern**

The **Chicago Botanic Garden** is 385 acres of natural beauty with 24 gardens and four natural areas. The second most visited public garden in the United States, it has more than 2.3 million plants of nearly 9,000 taxa, the largest collection in the Upper Midwest. The Garden, which is a recognized center of education, research, and conservation, has a respected internship program. Most interns work between 37.5 and 40 hours per week at $9 per hour. Housing is not provided. However, assistance in finding local accommodations is given. Interns are ultimately responsible for finding housing. International students are accepted.

For information on various internship and research opportunities (undergraduate and graduate) see the webpage: http://www.chicagobotanic.org/reu/index.php For application info: http://clminternship.org/ Applications accepted and reviewed on a rolling basis.

**Northern Forest Canoe Trail Internship Positions**

The **Northern Forest Canoe Trail** (NFCT) is now accepting applications for its 2011 Internship Program. The NFCT, based in Waitsfield, Vermont, stewards a 740-mile canoe route traversing New York, Vermont, New Hampshire and Maine. Nine interns will be hired this summer.

For more info follow this link: http://www.northernforestcanoetrail.org/GetInvolved-2/Internships-49

Questions can be directed to: Walter Opuszynski at (802)496-2285 x2 & walter@northernforestcanoetrail.org, or to Roger Poor at (802)496-2285 x3 roger@northernforestcanoetrail.org

Applications are due Friday March 11th.

**Coal River Mountain Watch Research Internships**

Coal River Mountain Watch is an environmental justice organization fighting mountaintop removal in southern West Virginia. We are particularly in need of students with backgrounds in geology, engineering, environmental science, environmental chemistry, biology, public health, GIS, or related fields and with a strong commitment to environmental justice. The results of student research will be valuable to Coal River Mountain Watch and other organizations in drawing connections between irresponsible mining practices and public health and safety.
2011 Maine Preservation Internship Opportunity

Maine Preservation, the statewide nonprofit historic preservation organization, is offering four summer intern positions in conjunction with the preservation trades for historic preservation students. Internships span approximately nine weeks in the summer, split between hands-on site work with Preservation Timber Framing and organizational work at Maine Preservation's office headquarters. Five weeks of field service will be compensated full time at $10 per hour. Four weeks of service at Maine Preservation's headquarters is unpaid. Duties at the trade sites will be according to skill level.

For more information visit: http://www.preservationtimberframing.com/index.html

To apply, please submit a cover letter and resume to Robert O'Brien at Robert@MainePreservation.org by Monday, February 28, 2011

UNDERGRADUATE SCHOLARSHIPS

The Lewis E. Kimball Scholarships for Environmental Studies ($2,500)

In the spring of each year, up to two $2,500 scholarships are awarded by Friends of Chatham Waterways to selected student entering their junior or senior year of college, or in graduate school, and who are majoring in Environmental Studies, Environmental Management or a related field.

The scholarships are for residents of Cape Cod, Martha's Vineyard and Nantucket, or students who have graduated from secondary school there. They are awarded in the belief that providing grants at the college level and beyond will enable and encourage tomorrow's leaders to commit themselves to careers in these fields. For an application, contact Dick Evans, 16 Old Saltworks Road, Chatham, MA 02633, or e-mail him at ahecc@comcast.net, or visit the website for more information and an application:

Application deadline is March 31, 2011

Nell Goff Scholarship and the GCFM Horticultural Scholarship

The Bar Harbor Garden Club- St. Croix District, encourages college students to take note of the availability of a scholarship of $1,000 open to legal Maine residents. Applicants should be students majoring in, or planning to take a graduate degree in horticulture, floriculture, landscape or urban design, conservation, forestry, botany, agronomy, plant pathology, environmental control and/or other related fields. The Nell Goff scholarship will be awarded to a student entering their junior or senior year or in graduate school in the fall of 2011. Applications will be judged in the basis of academic record, vocational potential, vocational interests, character and financial need. Contact Diane Benson for an application: dtalia23@gmail.com Return completed
There is also a **GCFM Horticultural Scholarship of $3,000 for 2011**. The GCFM scholarship is available to encourage and financially aid students who are majoring in horticulture, landscape design, conservation, or related fields. The scholarship is open to juniors and seniors or graduate students who are legal residents of Maine, and not related to a GCFM Board member. College sophomores are eligible to apply. Obtain applications by e-mailing Diane Benson:
dtalia23@gmail.com
Mail completed applications to: Mary Blackstone, 5 Christian Ridge Rd., Ellsworth, ME 04605

**Garden Club Federation of Maine Scholarship**

Attention: Maine residents majoring in horticulture or related areas. See the application form for the specific majors. The Garden Club Federation of Maine gives a scholarship to college junior, seniors and master candidates.

The winner of the Maine scholarship is eligible for one of the 34 National Garden Clubs, Inc. Scholarships. These are $4,000 each. **Deadline: March 1, 2011. For more information**, visit:
http://www.mainegardenclubs.org/GCFM_Scholarships.html

**FOR GRADUATING SENIORS: INTERNSHIPS, FELLOWSHIPS, JOB OPPORTUNITIES**

**Policy Advocate, Environment Northeast**

ENE (Environment Northeast) [www.env-ne.org](http://www.env-ne.org) is seeking an organized, motivated professional to join our climate and energy project program staff. The primary responsibilities for this position focus on advocacy in Maine to advance energy efficiency and sustainable energy policy, global warming solutions and the Regional Greenhouse Gas Initiative; representing ENE at coalition meetings and facilitate cooperation with other organizations; attending legislative hearings and appearing before selected agencies including the Maine PUC and Efficiency Maine Trust; building and maintaining relationships with business and industry, municipal and other interests. In addition to Maine based work, other program areas may include advancing reforms of regional electric transmission planning and advancing a regional low carbon fuel standard. The individual will work directly with the Executive Director and Climate and Energy Policy Director as well as ENE’s communications team.

The ideal candidate will project a positive image of the organization and possess exceptional writing and speaking skills and the ability to work cooperatively and productively with coworkers. Prior experience in energy and climate policy issues is preferred but not required. A J.D. or master’s degree in a relevant field is preferred, but full consideration will be given to candidates without advanced degrees who evidence a strong interest in sustainable environmental and economic policies.

ENE is an equal opportunity employer. This position will be based in Maine. Salary is commensurate with the selected candidate’s experience and skill level. ENE offers a generous benefits package including health and retirement plans.
To apply: Please send a resume and two references to admin@env-ne.org. Phone calls will be not accepted at this time.

The Sonoma County Economic Development Board Program Development Internship provides recent college graduates with a remarkable opportunity to gain practical experience and make substantive contributions in program development, policy analysis, project management, and research in the field of economic development.

Each year, the Sonoma County Economic Development Board offers five one-year paid internships that run from approximately July 15, 2011 to June 30, 2012. Each intern will be assigned to an area or program of focus: Tourism Research, Green Business Program, Workforce and Youth Development, Business Environmental Alliance, and Economic Research, based on qualifications and interest. Students with backgrounds in economics, political science, public policy, or liberal arts who have research and report experience are particularly encouraged to apply; applicants must have a Bachelor's degree by the start of the position. The application deadline is Friday, February 25th 2011, 5 p.m. PST (received at the EDB office). We are also posting this listing to the Nacelink Network, and Experience.com.

Additional information on the Economic Development Board (EDB) is available at www.sonoma-county.org/edb. Direct questions to Ms. Colette Thomas at edb@sonoma-county.org or (707) 565-7170.

Progressive Campaign Job Opportunities Nationwide
Grassroots Campaigns, inc. has joined forces with the American Civil Liberties Union, Oxfam America, Equality California, Planned Parenthood Federation of America, Amnesty International, Save the Children, and other progressive and humanitarian organizations to drive forwards a progressive agenda by taking action!

Grassroots Campaigns is interviewing top student leaders from Bowdoin to join our teams as Assistant Canvass Directors! There is no better time or place to get involved and help to shape the new generation that will take this country in a more progressive direction. For info on jobs see: http://www.grassrootscampaigns.com/summerjobs.php

Positions are available beginning post-graduation, in cities nationwide. Ask Tashia for details. To Apply: Contact Tashia Graham at 617-338-7800 or tgraham@grassrootscampaigns.com.

Master of Science Research Assistantship SUNY College of Environmental Science and Forestry

SUNY College of Environmental Science and Forestry, Syracuse, NY

Unique opportunity to work on a research project to: (1) document the number of and classify the provisions of NYS local government ordinances affecting forest management, (2) analyze these ordinances’ effect on opportunity to harvest traditional forest products and forest-based bioproducts, and (3) recalibrate models developed to estimate woody biomass available from NYS forests to account for the impact of local ordinances.
Candidates should have a bachelor degree in forest or natural resources management, environmental studies, environmental science, political science, or a related field. E-mail a one page letter of interest, including undergraduate and graduate GPAs, GRE scores, and work experience to Dr. Robert Malmshheimer (rwmalmsh@esf.edu) by February 20, 2011. Applicants must apply for admission to SUNY ESF Department of Forest and Natural Resources Management graduate program by March 1, 2011. The two-year assistantship begins August 2011 and includes a tuition waiver, medical benefits, and $13,750 per year stipend.

For more opportunities for graduating seniors, visit http://jobs.oriongrassroots.org/.

OFF CAMPUS EVENTS, CONFERENCES

2011 Maine Water Conference
Wednesday, March 16th, 7:30a.m. to 4:00p.m.
Augusta Civic Center, Augusta, ME

Submission Deadlines: Poster Abstracts due February 18, 2011
In-depth session descriptions are available on the web at:
http://www.umaine.edu/waterresearch/mwc/sessions_11.html

POSTER ABSTRACTS
Posters invited for display will address one or more aspects of water quality or quantity issues. These may include chemical, biological, hydrological, and geochemical aspects of surface and ground waters, and their policy and economic implications.

Guidelines and submission information for poster abstracts is available at:
http://www.umaine.edu/WaterResearch/mwc/call_for_abstracts_11.html

Real Food Summit
February 25-27th
Northeastern University, Boston, MA

All around us, movement is growing. In a neighborhood of Boston where debris-filled lots once stood, 60 dedicated teens now have summer jobs growing fresh food for thousands of families across the city. At a nearby college in Rhode Island, a team of 15 students is rallying to get their school to invest in community-based, fair and sustainable farms—in real food. Across the northeast, youth are standing up for food justice. See the website for details: http://realfoodchallenge.org/

See the ES webpage for the ES Weekly Newsletter:
http://www.bowdoin.edu/environmental-studies/activity/newsletter.shtml