

## ES Newsletter, Week of February 9, 2009

### **Reminder – Deadline for Psi Upsilon Summer Fellowships – February 13**

Interested in spending a summer in Maine and gaining experience in the environmental field? 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 are eligible for summer housing.

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

<http://www.bowdoin.edu/environmental-studies/beyond/psi-u-internship/application-info.shtml>

For more information, contact Eileen Johnson

### **Consider applying for a coastal studies fellowship:**

The application deadline is Tuesday, February 24<sup>th</sup> at noon.

#### **Rusack Coastal Studies Fellowship:**

This award supports students engaged in summer research at the [Coastal Studies Center](#) or locations nearby that impact the coastal environment. Student projects in the humanities, social sciences and natural sciences are encouraged. For more information and to apply follow the link:

<http://www.bowdoin.edu/student-fellowships/undergrad-research/rusack.shtml>

#### **Doherty Charitable Foundation Coastal Studies Research Fellowship:**

Doherty Fellowships in marine and coastal studies are intended to support substantial participation in a scientific research project by a student under the direction of a faculty/staff member who is independently interested in the area under study. Research projects should give the student firsthand experience with productive scholarly scientific research. <http://www.bowdoin.edu/student-fellowships/undergrad-research/doherty.shtml>

For more information on fellowships at Bowdoin, follow the link provided:

<http://www.bowdoin.edu/student-fellowships/undergrad-research/institutional.shtml>

## **ON CAMPUS**

### **Green Global Initiatives meeting**

Tuesday, Feb. 10 8:30 pm

ES Commons Room Adams Hall

Come and be a part of an initiative on the topic of green jobs!

For more information, contact Jackie Li at [jli@bowdoin.edu](mailto:jli@bowdoin.edu)

### **A World of Change : Climate Yesterday, Today and Tomorrow**

Kibbe Science Lecture, by Susan Solomon, National Medal of Science laureate

Thursday, February 12 8:00 pm

Kresge Auditorium, VAC

Susan Solomon is a former co-chair of the Intergovernmental Panel on Climate Change Working Group One and National Medal of Science laureate. The Solomon Glacier in Antarctica was named after her. Solomon's Kibbe lecture will address scientific aspects of climate change as well as some of the reasons why international agreement on climate change policy has proven particularly difficult. Evidence for widespread changes in the Earth's climate include warmer temperatures, rising sea levels, and reductions in snow and ice. The present mix of anthropogenic radiative forcing agents are forcing the climate system to change. On the human side, emissions of greenhouse gases arise from a mix of different countries, both

developed and developing, with different emissions, infrastructure capabilities and commitments that are among the factors influencing policy discussions.

### **Ozone Depletion from Pole to Pole**

by Susan Solomon, National Medal of Science laureate

Friday, February 13, 3:00 pm

Searles Hall, Room 315

Reception 2:00 in Searles 314

### **Screening of BBC's "Earth"--A compilation of the best of BBC's hit-series, "Planet Earth"**

Feb. 20 7:30 pm

Smith Auditorium

Organic goodies will be provided

Sponsored by Residential Life and BFC. For more information, contact Jeff Cook at [jdcook@bowoin.edu](mailto:jdcook@bowoin.edu)

## **SUMMER INTERNSHIPS/JOBS**

### **Climate Fellowships** (posted 2-9-09)

CA-CP is recruiting for its 2009 *Climate Fellowships*, a competitive program designed to pair outstanding students with challenging real-world opportunities to propel society toward a low-carbon future. We are seeking highly motivated qualified graduate and undergraduate students in diverse fields and locations for paid 2009 placements:

Full-time Summer Placements:

- Carbon Reduction Analysis for the Nwana/Poland Spring Water Fleet, Poland Spring, ME
- Climate Change Science and Policy, Washington D.C.
- Climate Protection Action Plan, Nantucket, MA
- Climate Risk, Portsmouth, NH
- Greenhouse Gas Reduction Planning and Education for Strawberry Banke Museum, Portsmouth, NH
- Greenhouse Gas Reduction Planning and Education for York Hospital, York, ME
- Greening the Science Center, Northeast Science Center Collaborative Member, Flexible Location, CT
- Policy Communications, New Canaan, CT, Washington D.C., or Portsmouth, NH

Part-time Summer through Fall Placements:

- Regional Energy and Climate Protection Plan, Tupper Lake, NY
- Community Climate and Energy Action in CT, New Canaan, CT

More details at: [http://www.cleanair-coolplanet.org/for\\_campuses/Climate\\_Fellows.php](http://www.cleanair-coolplanet.org/for_campuses/Climate_Fellows.php)

### **Cape Cod Commercial Hook and Fishermen's Association** (posted 2-9-09)

Cape Cod Commercial Hook Fishermen's Association (CCCHFA) Internships offer an opportunity for partnership between self-motivated, ambitious, adventurous students and a leading conservation organization comprised of innovative commercial fishermen and their professional staff. All intern experiences feature a unique opportunity to integrate into a working fishing community and learn firsthand about a variety of commercial fishing gears and vessel types by engaging in policy development

and implementation as well as heading offshore with CCCHFA members. Successful candidates will possess excellent communications and writing skills, along with the ability to research and disseminate information.

In addition to the 2009 position descriptions below, CCCHFA encourages candidates to develop and implement alternative independent projects which will enhance and expand their professional development while providing benefits to CCCHFA members and the marine environment. Past projects have often served as a springboard to graduate level thesis work. CCCHFA is committed to assisting candidates with this process, including applications for funding support. Plans for independent projects should be discussed with CCCHFA and finalized prior to May 1.

[http://www.ccchfa.org/pages/about\\_us/30/](http://www.ccchfa.org/pages/about_us/30/)

**Azafady** (posted 2-9-09)

Azafady offers a limited number of unique internship opportunities for students to participate in humanitarian, environmental and conservation work while having the chance to see how a grassroots development NGO operates. Last year, our Pioneer Madagascar and Lemur Venture programs saw the highest ever number of interns from the USA travel to Madagascar to take part. On the back of this success, we have launched a number of new short-term opportunities for those who may be looking for a more concise placement.

We are currently taking applications for our 2009 internship programs and would like to offer students at Bowdoin College the chance to apply. We feel these opportunities would be especially beneficial to the students in your Environmental Studies Department and will particularly suit those who have a specific interest in working in the international sustainable development or conservation sector. Feedback from past US volunteers has been very positive with many people telling us that their internship experience enabled them to gain course credits at their university or college.

If you have any problems viewing this information, please click [here](#) for a web version of the information sheet.

### **Green Energy eForum Webcast**

#### **CALL FOR PRESENTERS**

We are seeking 7 presenters for the April 8, 2009 interactive webcast starting at Noon Eastern time. Each speaker will give a 17 minute presentation online via webcam with microphone. The webcasting technology will be provided. Presenters are responsible for providing their own webcams.

Possible Topics include:

- New Green Energy Technologies
- Energy Efficiency solutions for cities and commercial buildings
- Cities with effective policies for energy efficiency, green energy implementation and green job creation
- Financing options for green energy projects
- University green energy projects that are within 1 - 2 years of production

If you would like to become a presenter, please go to this page and complete the submission form in the middle of the page. <http://www.GreenEnergyEconomyCTR.com/exhibit.htm>

Deadline for submission is February 14, 2009

**Mother Nature Network**

Mother Nature Network ([www.mnn.com](http://www.mnn.com) <<http://www.mnn.com/>> ), an environmental online news source, is currently assembling a network of college-aged eco-conscious reporters for their student correspondents program. Writing for the Network offers a great opportunity to get green journalism. The specifics about the program can be found at:

<http://www.mnn.com/family/education-activities/stories/join-mnns-student>

### **Maine Tree Foundation and Maine Project Learning Tree**

2009 Forest of Maine Teacher Teachers' Tours- 4 day tour of Maine's Forests and Mills

Reserve your place on one of these tours:

Leen's Lodge on West Grand Lake in Downeast Maine July 14-17

Rangeley Lakes & Western Mountains July 28-31

Become certified as a Project Learning Tree Teacher. You'll earn contact hours plus 3.0 CEU's

Registration fee is \$75 per person

Space is limited- call or e-mail:

207-621-9872 or [mtf@gwi.net](mailto:mtf@gwi.net) For more info: <http://www.mainetreefoundation.org>

### **E-Bear internships: (posted 2-9-09)**

For more information on the following, see eBear

#### **The Wilderness Society**

(D.C.)

National Landscape Conservation System

Internship

Research, Writing Feb. 12

#### **Triumvirate Environmental**

(MA, NY, MD)

Environmental Summer Intern and

Environmental Specialist

Research – All sciences especially chemistry

Feb. 12

#### **Environment America**

(multiple)

Feb. 12

Feb. 6

#### **Apogee Adventures**

(nationwide)

Outdoor Adventure Trip Leaders, Teaching,

Feb. 13

#### **University of New Hampshire**

Research & Discover Intern environmental

studies, biology, chemistry, mathematics,

geology and other earth sciences

Feb. 13

#### **Overland**

Interviews Feb. 13-14

#### **Harvard Forest (MA) REU**

Ecological Research

## **JOBS FOR SENIORS**

### **Storm Hazard Analyst**

The GIP will assist with a project assessing the storm vulnerability of natural and cultural resources in coastal national park units and contribute to ongoing research or develop a unique project within the larger on-going NPS study. A thorough understanding of how past storm events have impacted coastal parks is critical to improved management of these resources, particularly within the context of rising sea level, a cycle of increasing storm frequency and continued coastal development. The participant is encouraged to submit brief outlines (less than one page) for potential projects in specific coastal parks. This project is an excellent opportunity to fund storm hazard research that would benefit both the participant and National Park Service. The work location is flexible. The participant may work either in the NPS Lakewood CO office, independently from her home, or in a park. More information about park units can be found at <http://www.nps.gov/>

Applicants should be advanced undergraduate or graduate students whose educational background and career objectives are in coastal environments. Applicants must have completed basic undergraduate course work toward a degree in geology, biology, environmental science, engineering or a related field. Students who are beginning graduate or undergraduate thesis projects, are especially encouraged to apply. Professional level applicants are also welcome to apply. Experience with ARCGIS 9.x is preferred.

## **OTHER OPPORTUNITIES**

### **OurEarth.org Volunteer**

OurEarth.org is a new grassroots initiative that intends to completely transform the way environmental programs, activities, and information are found on the internet so that the public can become more proactive in protecting the environment.

OurEarth.org is looking to dramatically expand its core of student volunteers and Bowdoin's environmental studies students might be very interested in this opportunity. There are many different ways to participate and individuals also get a lot of creative freedom; we are even looking for a Bowdoin student to serve as a campus representative to our organization. Depending on the type of work, students may also be able to collaborate with peers at other institutions as well as environmental experts from around the country. Overall, this is an opportunity for students to join at the ground level of an up-and-coming organization, make an impact on a national scale, and expand their networks and connections.

For more information, contact:

John Ullman: [jgu@duke.edu](mailto:jgu@duke.edu)

### **MPA-ESP**

Final Application Deadline - February 15th

There is still time to apply to Columbia University's 12-month MPA Program in Environmental Science and Policy beginning in May 2009. The last deadline to apply without fellowship consideration is Sunday, February 15, 2009.

Information on our program, as well as admissions and application information, can be found online at: [www.columbia.edu/cu/mpaenvironment](http://www.columbia.edu/cu/mpaenvironment)

### **National Science Foundation's Research Experience Undergraduate (REU) Program in Integrated Ecology (posted 2.9.09)**

Bradley University's Biology Department is recruiting six undergraduate students to participate in a 10-week intensive summer research experience in integrated ecology. From June 8 - August 14, 2009, participants will work in collaborative research teams and will gain experience in molecular, physiological, organismal, community and ecosystem approaches to address real environmental problems along the Illinois River Corridor. Previous research has included forest and wetland ecology, invasive species, river ecosystem health, and the effects of land-use change on soil and plants. Participants will receive training in techniques necessary to carry out their research, as well as engage in weekly talks about broader scientific topics and ethical practices. Projects will culminate in a final report and presentation of results at an end-of-summer scientific colloquium.

Students will receive a \$3,500 fellowship stipend, \$1,000 food stipend, free on-campus housing, and travel funds. Minority and female students are strongly encouraged to apply.

The program is funded through the National Science Foundation's Research Experiences for

Undergraduates (REU) program. We especially encourage applications from underrepresented minorities and from students from 2-year institutions. All participants must be U.S. Citizens or permanent residents, and must be planning to enroll as an undergraduate in an accredited college or university in the fall of 2009.

Applications will be reviewed beginning March 2, 2009. Successful applicants will be notified on or before April 3, 2009. Applications are available at:

<http://www.bradley.edu/academics/las/bio/research/underGrad.shtml>

Questions may be directed to Dustin Hermann at [dherrmann@bradley.edu](mailto:dherrmann@bradley.edu)

### **National Student Lobby Day on Climate Change (posted 2.9.09)**

As leaders of organizations that are focused on social justice issues around the world, an important part of your role in social change is political activism. Many problems can only be fixed by influencing policy at the local, national, and even international level. If your organization is looking for an opportunity to get involved in helping shape policy at the national level, please attend the National Student Lobby Day on Climate Change, which will be held on March 27th, 2009.

Lobby day organizers will work with you and your organization to set up meetings with your representatives prior to lobby day, and will help you organize lobby training on your own campus, if you wish. In addition, we will provide you with some information on how to obtain funding from your own campus for travel to and from Washington, D.C. Housing will be provided at little or no cost on a first come, first served basis on the night of March 26th, so get your school signed up soon! Groups and individuals should plan on arriving in Washington D.C. on Thursday evening, when we will have a group meeting. Friday morning, the 27th, there will be a short training session. At the conclusion of training, groups of students will meet with their senators and/or representatives about specific pertinent climate change legislation which will be determined closer to the time of lobby day. No one will have to lobby alone.

Registration begins January 21st, 2009 at <http://vsa.vassar.edu/~operationdonation/> and registration will end Wednesday, March 18th, 2009

**\*For Previous Newsletters, Please Visit** <http://www.bowdoin.edu/environmental-studies/resources/newsletter.shtml>