

**Environmental Studies Newsletter  
For The Week of January 22, 2006**

**\*\*ON CAMPUS EVENTS\*\***

**~SAVE THE DATE~**

**ES Alumni Panel**

Friday, February 2 12:30-1:30 pm  
ES Common Room, Adams Hall

Come and meet four of our alumni and talk with them about their careers since Bowdoin and the types of environmental issues and projects that they are working on now. We will be holding two brown bag lunches in February so grab a brown bag lunch and join us- the first will be Friday, Feb 2.

Maureen Drouin, ('96 Geology-ES) Northeast Regional Representative - Manager, Sierra Club and Trevor Peterson, ('04 Bio - ES) Environmental Scientist, Woodlot Alternatives

**Winning Green Home Designs on display**

January 22-February 5 9:00 am- 4:00 pm  
ES Common Room, Adams Hall

If you are interested in learning more about homes that are energy efficient, environmentally friendly, healthy for the occupants, and affordable, visit the winning green home designs on display in the Environmental Studies Lounge on the Bowdoin College campus in Brunswick from January 22 to February 5.

The winning designs are from the Mainstream Green Housing Design Contest, organized by MaineHousing.

The exhibit features the best green home designs submitted to the competition. These include the first prize award that went to John Gordon of Gordon|Stanley Architecture of Southwest Harbor; the second place design from Ryan Senator of TFH Architects of Portland; and the third place design submitted by Chris Briley, founder of the new Green Design Studio in Yarmouth.

For more information contact Kathy Poulin at MaineHousing at [kpoulin@mainehousing.org](mailto:kpoulin@mainehousing.org), or visit the MaineHousing website at [www.mainehousing.org](http://www.mainehousing.org).

**\*\* ON CAMPUS EMPLOYMENT\*\***

**Work for Sustainable Bowdoin?**

Sustainable Bowdoin is looking to hire one more student recycler. The job requires van certification, one late afternoon each week when you can spend 1.5-2 hours on the job, knowledge of what can and cannot be recycled in Brunswick, ability to work outside in all conditions and potentially lift heavy objects. The pay rate is \$7.25/hour. The job is quite fun and fulfilling and makes you feel like a more integral piece of Bowdoin and Brunswick. I want to open the job up to all you environmentally-minded folk first, so let me know if you're interested. It will soon be placed on the Student Employment webpage. There will be a van training class early next semester, so don't worry if you aren't already certified.

Katherine Creswell  
Organic Garden Manager/Sustainable Bowdoin Intern  
270 B Maine Street  
Brunswick, ME 04011-3317  
503.970.1877

**\*\* SCHOLARSHIP OPPORTUNITIES\*\***

**UDALL UNDERGRADUATE SCHOLARSHIPS**

The Udall Undergraduate Foundation awards approximately 80 \$5,000 scholarships to juniors and seniors who have demonstrated commitment to careers related to the environment each year. The Udall Foundation seeks future leaders across a wide spectrum of environmental fields, including policy, engineering, science, education, urban planning and renewal, business, health justice and economics. **Our three Udall scholars include: 2006 – Ruth Morrison; 2004 – Meg Boyle; 2003 – Ali Rau**

In addition to the \$5,00 scholarship, recipients participate in a weekend long gathering of Udall scholars in the summer after the award is announced. This group of environmental leaders is a wonderful network that our Udall scholars have valued while at Bowdoin and after graduation.

**If you are a sophomore or junior and at all interested, please contact Eileen Johnson as soon as possible to meet with her about the particulars of the program.** Bowdoin can nominate up to six applicants for the scholarship. Past recipients have mentioned that the time they spent on the application over the January break was critical to the overall success of their application.

**Deadline: March 6**

For more information see: <http://www.udall.gov/udall.asp?link=200>

**NOAA SEEKS APPLICANTS FOR THE 2007 ERNEST F. HOLLINGS UNDERGRADUATE SCHOLARSHIP PROGRAM**

**Up to \$29,000 Available to Each Student for Studies and Internships**

**Note: Mike Taylor '07 is a recipient of this scholarship.**

The National Oceanic and Atmospheric Administration is accepting applications for a scholarship program in honor of retired South Carolina Senator Ernest F. Hollings who promoted ocean and atmospheric study and research throughout his career. This is the third year the scholarship is being made available to students interested in pursuing degrees in ocean and atmospheric sciences and education.

The 2007 NOAA [Ernest F. Hollings](#) Scholarship Program will provide approximately 100 college undergraduates up to \$29,000 to further their academic studies related to NOAA science, research, technology, policy, management, and education activities; and to offer a related summer internship designed to provide a “hands-on,” multi-disciplinary training experience. Applications will be accepted through February 9, 2007.

The Hollings scholarship program will provide selected undergraduate students with awards that include academic assistance for full-time study during their junior and senior years (up to a maximum of \$8,000 per academic year); a 10-week, full-time internship position (\$650/week)

during the summer at a NOAA facility; a housing subsidy for scholars who do not reside at home during the summer internship; and travel expenses to attend and participate in a mandatory Hollings Scholarship Program orientation and conference at the beginning and end of the internship respectively.

“Fostering interest in environmental literacy is a vital issue to Sen. Hollings and to all of us at NOAA. We are proud to administer the Hollings scholarship program which is designed to increase undergraduate training in oceanic and atmospheric science, research, technology and education. The students who receive this award may someday become our next generation of teachers, oceanographers, marine biologists, or climate scientists,” said retired Navy Vice Adm. [Conrad C. Lautenbacher](#), Ph.D., under secretary of commerce for oceans and atmosphere and NOAA administrator.

In support of these efforts, Hollings scholars will be selected from applicants majoring in a broad range of disciplines including: biological, physical, and social sciences; mathematics; engineering; computer and information sciences; and teacher education.

“The Hollings Scholarship Program expands and supports NOAA’s commitment for over 35 years to enhance economic security and national safety through the prediction and research of weather and climate-related events and provide environmental stewardship of our nation’s coastal and marine resources,” said Louisa Koch, Director, NOAA Education. “The program is part of a larger effort to enhance NOAA’s strategic efforts to promote environmental literacy and ensure a future, world-class workforce to assist the agency in fulfilling its mission.”

Applications for the Hollings Scholarship Program are available online at:

[http://www.oesd.noaa.gov/Hollings\\_info.html](http://www.oesd.noaa.gov/Hollings_info.html) and additional information is available by e-mail at: [StudentScholarshipPrograms@noaa.gov](mailto:StudentScholarshipPrograms@noaa.gov) or by mail:

NOAA Office of Education Hollings Scholarship Program  
1315 East West Highway, Rm. 10703  
Silver Spring, MD 20910

### **\*\*VOLUNTEER OPPORTUNITY\*\***

The Cathance River Education Alliance (CREA) is an environmental non-profit based in the Brunswick/Topsham area. We have a terrific new Ecology Center---construction completed earlier this year, complete with solar panels--- located amongst hiking trails on preserved land along the Cathance River. (The nature preserve, center, and trails are all located within the Highland Green community in Topsham--just a few minutes drive from Bowdoin).

We are currently planning youth education programs for upcoming seasons, and are looking for help in staffing the programs. Bowdoin students from the Environmental Education class would be ideal candidates to help us provide quality programs.

We are currently looking at the possibility of holding a February Vacation Camp for kids (probably grades 3-5, held during vacation week). Activities would include winter tracking, snowshoeing, hiking/exploring, as well as other indoor games, activities, crafts, etc to foster an appreciation and love of nature in children. The camp will most likely run from 9-3 on Tues, Wed, and Thursday of February Vacation week.

If any Bowdoin students are interested in volunteering, please contact Sarah Rodgers ('02) via email to discuss further details. [sarahrodgers711@hotmail.com](mailto:sarahrodgers711@hotmail.com)

Students only need to commit to PART of a day--certainly not the entire camp. If students have particular interests, activities, or crafts they would like to lead during camp, that is definitely doable. We are open to new ideas, and this camp can certainly provide students with a chance to get plenty of practice designing and leading environmental education activities.

The quality of our camp will depend in part on the volunteers we are able to recruit, so I hope Bowdoin students will be interested in spending a few hours with us during February---- These vacation camps are always lots of fun, and the ecology center and trails are in a beautiful location along the river, perfect for exploring with kids.

At this point, I do not need a firm commitment of hours...Just an indication that a student would like to help (and will 'probably' be able to lend a few hours at some point during the week) will give me an indication as to whether or not we have enough support to move forward with planning the camp.

Thanks in advance for your interest!--- Sarah  
(sarahrodgers711@hotmail.com)

### **\*\*INTERNSHIPS\*\***

#### **Maine Natural Areas Program Summer Field Ecology Intern**

The Maine Natural Areas Program seeks a summer intern to assist with inventory of rare plant and natural community sites in various locations throughout the state of Maine. Activities include recording data, collection and identification of plant specimens, use of hand-held GPS, and data entry. Individual must be able to work outdoors for long periods of time under a wide variety of conditions, including long hikes and some canoeing. Requires a strong interest in plant ecology, ability to read USGS topographic maps, and unmitigated enthusiasm. Familiarity with GIS software such as ArcMap or ArcView a plus, as well as familiarity with New England's flora or related field experience. Position is 40 hours/week @ \$9.00/hour. Position runs from approximately May 2007 to September 2007.

To apply, send a cover letter and resume with references to:

Maine Natural Areas Program

Attn. Kristen Puryear

93 State House Station

Augusta, ME 04333-0093

By: March 2, 2007

#### **Summer Internship in Stream Restoration and Management**

The BOND BROOK WATERSHED PLANNING AND SALMONID PROTECTION PROJECT is aimed at (1) identifying key threats to and opportunities for protecting Bond Brook, and (2) raising the awareness of and appreciation for the brook among local governments and residents. We are looking for one summer intern for 2007 to assist TU staff on this project.

Given its urban location within a stones throw of the statehouse in Augusta, Bond Brook is a remarkably healthy stream. Until the removal of the Edwards Dam, the brook supported a reproducing population of Atlantic salmon, and it still supports wild (unstocked) populations of

brook and brown trout. Anadromous fishes including blueback herring and rainbow smelt use the lower, most urbanized reaches. Yet the long term health of Bond Brook is threatened by urbanization and development of its watershed.

Tasks to be tackled by the interns may include the following:

- Initiating publicity and public outreach efforts to increase the visibility of and help foster grassroots interest in the brook;
- Coordinate third annual Stream Walk / Volunteer Geomorphology survey other on-stream public events.
- Draft press releases and other documents supporting efforts to protect the brook
- Organize stakeholder meetings and meetings of watershed advisory committee
- Research urban stormwater amelioration techniques and identify key opportunities throughout the watershed for restoration and protection of the brook and its tributaries
- Assist in drafting the watershed management plan
- Other tasks as needed to complete the watershed management plan.

This is a full time or largely full time internship for a period of 10 to 12 weeks. The position will start approximately June 11 and run through August 17; exact dates are negotiable. We offer a monthly stipend (\$1000 for undergraduate students for 40 hours/week or \$500 for 20 hours/week), (\$1500 for graduate students for 40 hours/week or \$750 for 20 hours/week) and we support academic credit.

Please submit a letter of application by February 28, 2007 to: [cbohlen@tu.org](mailto:cbohlen@tu.org) with your resume and phone numbers for two references.

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**The U.S. Department of Justice, Environment Division is accepting applications for the 2007 Honors Paralegal Intern Program.**

The full-time paralegal positions are located in Washington DC, although some travel may be required. Program participants in this two year program will receive an attorney mentor and formal and on-the-job training.

We are looking for 2007 college graduates who are organized, analytical, have strong research and writing skills, and can work both independently and collaboratively, starting Summer 2007.

Applications will be accepted on a rolling basis until February 26, 2007. The application process includes submitting a resume and school transcript and completing an online questionnaire.

For more information, please contact:

Ms. Lynn S. Kim  
Environment and Natural Resources Division, Executive Office  
[lynn.kim@usdoj.gov](mailto:lynn.kim@usdoj.gov)  
202 305 1996 (phone)  
202 616 3362 (fax)

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### **Vermont Youth Conservation Corps Advertisement:**

Outdoor Leaders Wanted! The Vermont Youth Conservation Corps (VYCC) seeks highly motivated, well-organized individuals to train and supervise small teams of high school and college-age crew members in our conservation work and education programs. As a VYCC Leader you will build a cohesive team while completing high-priority conservation projects and facilitating educational activities. VYCC Crews work on trail construction and watershed restoration projects across the state of Vermont, as well as in a number of Vermont State Parks in both day and residential settings. Benefits include a salary of \$430 - \$500 per week plus the potential for an AmeriCorps Education Award, room and board (depending on position), and compensated staff training. VYCC leadership positions span from four to ten months in length and have start dates beginning in late March through mid May. Visit our website [www.vycc.org](http://www.vycc.org) today for more information or to apply on-line or call us at: (800) 639-8922/(802) 434-3969. The VYCC is proud to be an AmeriCorps program.

**\*\*OFF CAMPUS JOB\*\***

### **Part time position at F.W. Horch Sustainable Goods & Supplies**

We are hiring for a part-time sales clerk to work 4 pm to 7 pm Tuesday through Friday. If you know a "people person" who is passionate about the environment, please encourage him or her to apply.

\* The Brunswick Sustainability Group will meet in Curtis Memorial Library during the last week in January. Drop by the store if you are interested in learning more about this group or getting on their mailing list.

Fred Horch, Owner, F.W. Horch Sustainable Goods & Supplies, 56 Maine Street, Brunswick, ME 04011, (207) 729-4050 [www.FWHorch.com](http://www.FWHorch.com)

**\*\*SUMMER RESEARCH\*\***

### **Sea Grant Research 12 week program during summer 2007**

~\$3700 stipend plus housing, travel to and from site

~<http://www.mdsg.umd.edu/Education/REU/index.html>

~Applications due: February 13, 2007

We invite applications from undergraduates in diverse disciplines, including engineering, biology, chemistry, physics, mathematics, ecology and marine and environmental science.

Since 1989, NSF has supported this program to bring students to undertake individual research projects with a scientist-mentor at either Chesapeake Biological Lab or Horn Point Lab of the University of Maryland Center for Environmental Science.

Details at our web site: <http://www.mdsg.umd.edu/Education/REU/index.html>

A downloadable PDF flyer is available at:

<http://www.mdsg.umd.edu/Education/REU/reu2007.pdf>

### **Undergraduate Research opportunities at Stony Brook University**

Ten-weeks at Stony Brook University working on high-pressure research or Earth Sciences.

For more information visit the website:

<http://www.mpi.stonybrook.edu/SummerScholars>

### **The Center for Environmental Molecular Science**

At Stony Brook invites applications for students to participate in a summer research program.

For more information:

<http://www.cems.stonybrook.edu>

### **\*\*GRADUATE PROGRAMS\*\***

The Climate and Society program is now in its third academic year and is serving the acute need for professionals who understand the links between climate and society. The interdisciplinary nature of the program, allows students to combine climate science with elements of established programs in earth sciences, earth engineering, international relations, political science, sociology, and economics, to understand the causes, consequences, and solutions in a holistic manner.

The MA Program in Climate and Society combines the expertise of Columbia University's leading researchers in the fields of climate change, climate prediction, and earth and atmospheric sciences with its unparalleled experience in training policymakers, leaders, and thinkers. As a result, graduate of the program are able to:

For more information, visit the website:

[www.columbia.edu/cu/climatesociety](http://www.columbia.edu/cu/climatesociety)

Arezou Raeisghasem

Assistant Director, MA Program in Climate and Society, Columbia University

### **Post Graduate Peace Corps Service**

Service in the Peace Corps brings many benefits, including 3 months intensive, in-country training, student loan deferment and/or cancellation, graduate school opportunities, a monthly

living allowance, full medical and dental care, transportation to and from the country of service, and a little over \$6,000 as a readjustment allowance after completion of service. For more information, e-mail Josh Strauss [jstrauss@peacecorps.gov](mailto:jstrauss@peacecorps.gov) or visit the website: [www.peacecorps.gov](http://www.peacecorps.gov)

For information on the graduate fellows program opportunity following service, follow the link below:

[www.peacecorps.gov/fellows](http://www.peacecorps.gov/fellows)

## **\*\* STUDY AWAY OPPORTUNITY \*\***

### **Peace Corps Master's International Program**

The Master's International Program in Applied Science Education (<http://www//ed.mtu.edu/peacecorps/index.html>) allows students to combine service in the Peace Corps with study and research to earn a master's degree in Applied Science Education. Students spend one year at Michigan Tech before being assigned to a post with the Peace Corps. Those who complete the program will be close to teacher certification in the state of Michigan.

Michigan Tech has four [Peace Corps Master's International](#) programs in:

- [Applied Science Education](#)
- [Civil and Environmental Engineering](#)
- [Forestry](#)
- [Mitigation of Natural Geological Hazards](#)

For our Applied Science Education Program we are looking for applicants with an undergraduate degree in any field of science or engineering and a strong academic record. They should have an international outlook and a strong commitment to service in the global community. The program is appropriate both for those planning a career in science education and for those who desire a unique international experience before pursuing other vocations.

Application is made simultaneously to the MI program and to the Peace Corps. Details are provided on our web site. Please contact either of us, Prof Sarah A. Green ([sgreen@mtu.edu](mailto:sgreen@mtu.edu)) or Prof Brad Baltensperger ([brad@mtu.edu](mailto:brad@mtu.edu)), for more information.

## **\*\*JOB ANNOUNCEMENTS FOR GRADUATES \*\***

### **Chewonki Foundation, Wiscasset Maine**

Environmental Education opportunities

For more information visit the website below:

<http://www.chewonki.org/About/OutdoorClassroomTripLeadingOpportunities.asp>

### **The Oxfam America CHANGE Initiative**

is now accepting student applications for the 2007-2008 academic year. Here is your chance to become more involved with Oxfam!

The CHANGE Initiative aims to develop capable and confident young leaders, who are active agents for positive social change. Oxfam is looking for a diverse group of undergraduate students - rising sophomores and juniors - committed to social justice issues. Students must have an interest in global issues including mining, Fair Trade Coffee, hunger,

and international trade, and be willing to carry out campaigns on their campuses and in their communities.

Applications are due April 1, 2007.

Apply online at [www.oxfamamerica.org/change](http://www.oxfamamerica.org/change). If you have any questions please call 800-77-OXFAM ext. 2464 or email CHANGE@oxfamamerica.org.

Know someone who would make a good candidate? You can nominate students by going to the Tell a Friend section of our website at [www.oxfamamerica.org/change](http://www.oxfamamerica.org/change). Students will be sent an email informing them of this opportunity at your request.

The Change Initiative is a challenging and exciting program. Working together with Oxfam you can help end poverty and injustice.

Nancy Delaney

Fast and Outreach Manager

Oxfam America

226 Causeway St.

Boston, MA 02114 617-728-2435

800-77-OXFAM x 435

email: ndelaney@oxfamamerica.org

website: [www.oxfamamerica.org](http://www.oxfamamerica.org)

**Past Newsletters:**

Visit the website to view past ES weekly Newsletters:

[http://academic.bowdoin.edu/environmental\\_studies/resources/es-newsletter.shtml](http://academic.bowdoin.edu/environmental_studies/resources/es-newsletter.shtml).