**ON CAMPUS EVENTS**

**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 Common Room in Adams Hall.

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, or visit the MaineHousing website at www.MaineHousing.org.

**ES Alumni Panel- brown bag lunch**
Friday, February 2 12:30-1:30 pm  
ES Common Room, Adams Hall

Come and meet two 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. Grab a brown bag lunch and join us.


A second Alumni Panel will take place Friday, February 16.

**The Untilled Garden: Science, Religion, and Conservation in Nineteenth Century America**
Tuesday, February 6  
Reception, ES Common Room, Adams Hall 3:30 pm  
Lecture, Druckenmiller Hall, Room 4 4:00 pm

Richard W. Judd received his B.A. and M.A. from California State University at Fullerton in 1970 and 1972, and his Ph.D. in American History from the University of California, Irvine, in 1979. He is Adelaide C. and Alan L. Bird Professor of History at the University of Maine.

Dr. Judd’s current research involves early scientific exploration and inquiry along the Trans-Appalachian frontier, documenting the formation of a natural history of the frontier and the development of an ecological and conservation perspective in America.

**Paleoecology: the History of Human Impacts on Coastal Ecosystems**
Thursday, Feb 8 4:00 pm
Druckenmiller 20

While at Bowdoin, Dr. Cooper is analyzing sediment cores from the Back River, near Arrowsic. From these samples she hopes to trace back water quality and habitat before the first European settlers made their homes there.

**OFF CAMPUS**

GREEN EGGS - POROUS ASPHALT PAVEMENT
Experience in Maine & New Hampshire
February 7, 2007 from 7:30 - 9:00 a.m.
Abromson Center Room 109/110 Bedford Street USM Campus in Portland

Jim Hanley of Pike Industries, will discuss porous asphalt pavement production, specifications, installation and costs and Zach Henderson, of Edwards & Kelcey (formerly of Hillier & Associates, Inc.) will discuss project specific design and installation of pervious pavement systems. Case studies from recent projects in Maine, such as the Freeport Community Center, and from New Hampshire will be presented and discussed.

Please Register Early for this Popular Forum!
Download the registration form from the weblink below:

Attendance is limited and pre-registration with payment is required If you are not a ME Chapter USGBC member, the event will cost $15. Admission for ME Chapter member is only $10. Payment should be made in advance to reserve your seat. To register for the event use the attached registration form and mail or e-mail it to Danuta Drozdowicz at danuta@fore-solutions.com.

Spitzer Forum on Social Justice: Sustainability
Feb. 25-27
Washington D.C.

The Spitzer Forum will hold a public policy conference on Sustainability Feb. 25-27.

Ben Freedman was scheduled to go to this conference, but due to conflicting exams, he won’t be able to attend. **Bowdoin Hillel will cover all expenses.**

http://www.hillel.org/conferences/spitzer/default

** 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 $5,000 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.

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.
Applications for the Hollings Scholarship Program are available online at: http://www.oesd.noaa.gov/Hollings_info.html and additional information is available by e-mail at: 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

** ALTERNATIVE SPRING BREAK**

**Solar Culture Spring Break**
One week alternative spring break opportunity in rural Nicaragua to learn about Renewable Energy Applications for Sustainable Communities. Learn about solar theory, and get hands-on practice working alongside community members. Course includes a homestay in rural mountain village.

For more information, visit: www.grupofenix.org Email: pagemcclean@gmail.com Courses run from March 4-10 and March 11-17 Cost of trip, excluding airfare is $595, which includes a subsidy toward development funds and solar equipment for the village. A deposit of $50 is requested by Feb. 7.

**GRADUATE PROGRAMS**

Columbia University’s MA Program in Climate and Society 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.
Demand for professionals and academics that are able to understand and navigate the issues of climate change grows ever more so as human activity alters the global atmosphere. Alumni are currently working in organizations such as the International Research Institute for Climate and Society (IRI), the United Nations Development Program (UNDP), Heliopower, Pew Center on Global Climate Change, Asian Disaster Preparedness Center, and the Lesotho Meteorological Service. Several graduates have continued to pursue PhDs in the areas of interdisciplinary climate studies, geography, as well as alternative energy solutions.

Additional information on the MA program can be found at: www.columbia.edu/cu/climatesociety Alternatively, you may contact Arezou Raeisghasem (Assistant Director) at arezou@ei.columbia.edu or call 212 854 9896.

** STUDY AWAY OPPORTUNITY**

**Greenpeace Organizing Term, a semester of ACTION, TRAINING, and TRAVEL**

The Greenpeace Organizing Term (GOT) is an action-filled semester and the best hands-on training for you to become an environmental leader. You'll be making an investment in your leadership skills and get trained in grassroots organizing, media, direct action, and campaign strategy. You'll travel abroad with Greenpeace and join a team of incredible activists working to protect the planet.

Greenpeace knows that students have played an integral role in every major social movement in recent history and that we cannot win the fight for a green and peaceful world without working with and training the next generation of environmental leaders. We are looking for the best college students; primarily freshmen or sophomores; who are passionate, bold, smart, visionary, strategic, savvy, and ready to stand up and join us in the trenches.

You can learn more and apply at http://www.greenpeaceusa.org/got
For more information, contact Samantha at 202-319-2468 or got@wdc.greenpeace.org

**Green Corps Fellowship Program**

Green Corps is a unique program that offers 25 full-time, paid positions to recent college graduates with its Environmental Leadership Training Program. The program is designed to train the next generation of environmental leaders and participants in the program receive in-depth training and experience with leading environmental groups.

Green Corps is currently taking applications for our year-long full-time paid training program in environmental leadership, organizing and advocacy. The application deadline is January 19th!

For more information: www.greencorps.org

**INTERNSHIP OPPORTUNITIES**
**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.

**Seasonal Streams Survey Technician:**

The Maine Department of Inland Fisheries and Wildlife, Fisheries Research Section will be filling about 10 full-time seasonal (May – September/October 2007) positions to assist a statewide effort toward surveying and assessing stream fishery and habitat resources.

Responsibilities include: conducting stream electrofishing surveys, cataloging samples and collections, conducting fish habitat and stream geomorphic surveys, data entry and record keeping. Must be willing to work outdoors in all weather conditions. Field experience preferred, but not required. Basic computer skills preferred.

Please contact or send resume with references to:
Merry Gallagher, Fishery Research Biologist
MDIFW- Fisheries Research Section
650 State St.
Bangor, ME  04401
[Merry.Gallagher@Maine.gov](mailto:Merry.Gallagher@Maine.gov)
207-941-4381

**Pioneer Internship in Madagascar:**

The Pioneer Intern Program is an initiative of Azafady, a registered charity in the UK (No. 1079121) and a Malagasy NGO. Azafady has been working on environmental, humanitarian and sustainable development projects in southeast Madagascar since 1994.

As a grassroots development organization Azafady works directly with local communities ensuring that our work is requested by, as well as being useful to, the people of Madagascar. Although we have a skilled and dedicated team made up of Malagasy and non-Malagasy staff in the South East of the country, much of our work is dependent upon our interns.
Azafady welcomes applications for potential Pioneers who are studying or have studied anthropology, biological/environmental studies or science, African studies, international relations and other related courses. Our opportunities are suitable for people interested in a future in not-for-profit organizations, NGOs, conservation, sustainable development or humanitarian causes. Although we do not require interns to have previous experience or knowledge in these areas, we believe that people with interest in these fields will make ideal candidates.

Over the course of the Program, as a Pioneer, you will have the opportunity to learn how a small NGO operates and the inherent challenges that it faces when working in a developing country. More specifically you will be working on our projects in the field and gaining understanding of the resource needs of impoverished village communities and how this impacts on conservation efforts. You will work in three interrelated areas over the course of the Program:

- Sustainable livelihoods capacity development
- Health-based infrastructure and education
- Habitat and species conservation

Our projects are led by some of the most competent conservation and development workers on the island and are entirely based on communities' expressed needs. You will be an integral part of our team and gain an insight into real grassroots conservation and development. In order to take part in this life-changing experience, prospective Pioneers are required to fundraise a donation of at least 2,000 British pounds sterling (approximately $4,000. You'll need also to pay for pre-project costs such as flights). But don't panic! We will be with you every step of the way with great ideas on how you can raise the funds in about three months, raising public awareness of a 'Lost World' and little known people as you do so. The money you raise will ensure the continued operation of essential projects such as building wells in remote villages and safeguarding some of the most globally important forests.

Our Pioneer schemes last for 10 weeks (or less by arrangement) and begin in January, April, July, and October each year and you can apply to start on any scheme whose timetable suits you.

For further information on Azafady please visit www.madagascar.co.uk. For more details on the Pioneer Madagascar Program (and application forms), go to the same website and follow the connections for Pioneer Intern Program.

**OTHER OPPORTUNITIES**

**Peace Corps Master’s International Program**

The Master's International Program in Applied Science Education ([http://www.ed.mtu.edu/peacecorps/index.html](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](http://www.ed.mtu.edu/peacecorps/index.html) programs in:
People admitted to our program will join a large and enthusiastic family of Peace Corps students whose members are here on campus, posted around the world, and back after their Peace Corps service.

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) or Prof Brad Baltensperger (brad@mtu.edu), for more information.

U.S. Environmental Protection Agency (EPA): STUDENT APPLICANTS SOUGHT FOR $1.25 MILLION IN SUSTAINABILITY GRANTS

Contact: Suzanne Ackerman, (202) 564-4355 / ackerman.suzanne@epa.gov

EPA is tapping into Generation Y’s innovation and creativity in finding solutions to environmental challenges through the agency's People, Prosperity and the Planet competition. The agency plans to award up to $1.25 million in grants that enable teams of college students to research, develop and design scientific and technical solutions to sustainability challenges that protect the environment while achieving continued economic prosperity.

EPA will award as many as 50 grants up to $10,000 each to student teams. The money will be used to research and develop sustainable solutions during the 2007-08 academic year. In spring 2008, the teams will be invited to bring their designs to Washington, D.C. to compete for EPA's P3 Award, which includes an additional award worth up to $75,000 to further develop and implement the project in the field. The competition will be judged by the National Academy of Engineering for design innovation and technical merit along with relevant social, economic and environmental considerations that are the keys to sustainable designs.

Proposals must reach EPA by December 21, 2006. Application procedures and materials for this year's grants:

Details about the P3 competition: http://www.epa.gov/P3
U.S. Environmental Protection Agency · 1200 Pennsylvania Avenue NW · Washington DC 20460 · 202-564-4355
**JOB ANNOUNCEMENTS FOR GRADUATES**

**Environmental Education Teacher/Trip Leader**  
*Chewonki Foundation, Wiscasset, ME*  
*April 1- November 4, 2007*

The Chewonki Foundation is a year-round nonprofit educational institution located on a 400-acre peninsula in Wiscasset, Maine. Our environmental educator is a three-season position from April to November with some opportunities for continuing through the winter. It involves teaching natural history and leading group challenges in our residential camping program for school groups during the spring and fall as well as taking a leadership role in our summer camp program. Those with trip leading experience may assist in leading Chewonki’s canoeing, kayaking, hiking, sailing or sea-kayaking trips for the summer.

**Qualifications:**

Qualifications include a BS or BA. Degrees in education, natural sciences, outdoor recreation, or related field preferred. Teaching experience required. Experience teaching environmental topics and leading low ropes courses a plus. We are looking for educators with strong leadership ability, a dynamic personality and a passion for living and working with children outdoors. We also require Wilderness First Responder (WFR) certification and lifeguarding. We host a WFR at Chewonki in January and lifeguard training in April.

**Salary:**

Salary is $504 biweekly plus room and board, $300/month health plan paid by employer, one week paid vacation and six paid weeks of environmental education and wilderness trip training. We also provide staff discounts on purchasing out-door gear.

For more information or to set up an interview contact:  
Dot Lamson, Director of the Center for Environmental Education, 485 Chewonki Neck Road, Wiscasset, ME 04578. 207-882-7323 ext 34. dotlamson@chewonki.org  
Visit our website and download application form: www.chewonki.org

**Two positions are available at Wells National Estuarine Research Reserve (Wells, ME)**

One position involves working with our interpretive education programs (40-32hrs/wk), and the other position involves working with municipal decision makers on local watershed issues (32 hrs/wk).

**Interpretive Education Associate**

32-40 hour/week for 18 months with potential of extension contingent on funding. Some nights and weekends required. Application deadline: Nov. 24

For more information, please follow the link below:  
http://www.wellsreserve.org/internships.htm
SCA Positions
Hudson Valley Conservation Corps

There are currently 15 positions available. For more information, and to apply, visit http://www.thescacorp.org/Internships_\%26_Fields/Internships/Hudson_Valley_Conservation_Corps/

Past Newsletters:

Visit the website to view past ES weekly Newsletters: http://academic.bowdoin.edu/environmental_studies/resources/es-newsletter.shtml.