ON CAMPUS EVENTS

Design Equity: Sustainable Design and Community Collaborations in San Francisco
Special Talk by Liz Ogbu from Public Architecture, a San Francisco Pro Bono Design Program

Monday, Oct. 6 7:00 pm
Kresge Auditorium, Visual Arts Center

Liz Ogbu of Public Architecture will speak on recent works and issues about the new hot topic in San Francisco of design equity. An advocate for the non-profit sector for sustainable design and community collaborations, Liz blends her passion for design with an eye on working for the public good. Ogbu recently developed a prototype design for Day Labor Station that was featured at the Design for the Other 90% exhibit at the Cooper-Hewitt, National Design Museum, in the summer of 2007. Learn more at http://other90.cooperhewitt.org/Design/day-labor-station and: http://www.bowdoin.edu/mckeen-center/activity/2008/design-equity.shtml

Commute Another Way Fall Campaign Walker/Biker Kickoff
Tuesday, 10/7 8:00-9:30 AM
Moulton Union, Lancaster Lounge

Come meet and learn from other bike commuters and walkers. Find out about Bowdoin resources such as showers/lockers and free bike tune-ups. Tap into bicycle and pedestrian safety resources. A continental breakfast will be provided. For more information contact Keisha Payson at x3086 or cpayson@bowdoin.edu

Off Campus Study Fair
Tuesday, 10/7 3:00-5:30 pm
Morrell Lounge, Smith Union

Representatives from over 40 programs and universities will be available to answer your questions and discuss international and domestic off-campus study options.

Duke University Professional Environmental Graduate School Visit:
Forging a Sustainable Future  (Bring your Brown Bag Lunch)
Wed. 10/8 12:30
ES Common Room
Make a career out of your concerns about climate change, ocean pollution and sustainable development. Learn how you can make a difference by choosing Duke University's Nicholas School of the Environment.

Duke’s Nicholas School is among the world’s premier graduate professional schools for the interdisciplinary study of the environment. Meet Lisa Rattray, Admissions Officer for the Nicholas School and learn about graduate opportunities as well as undergraduate courses available at the Duke Marine Lab.

The Nicholas School fully integrates science, business and policy in its environmental sciences program, providing both theoretical and practical education in Environmental Sciences & Policy, Marine Science & Conservation and Earth & Ocean Sciences.

- Lisa will discuss the two-year professional Master of Environmental Management (MEM) degree that blends science, business and policy to solve environmental issues.

Duke’s MEM degree trains and prepares future environmental scientists, leaders in environmental policy and ecosystem managers. Our graduates dominate national policy and are widely employed in industry, government and not-for-profit NGOs.

To learn more about Duke University's Nicholas School programs, go to http://www.nicholas.duke.edu. You can also email Lisa Rattray at lisa.rattray@duke.edu.

**Info Session: Global Citizen’s Grant**  
Wed. 10/8  6:30-7:30  
Joseph McKeen Center for the Common Good  
Bannister Hall, Room 106

The Global Citizens Grant provides students with the opportunity to pursue summer volunteer and public service projects outside of the United States. The intent of the program is to support student projects that are independently designed and focus on providing direct service by working in local communities. By enabling students to immerse themselves in foreign cultures, the Global Citizens Grant aims to encourage a broadening of perspective among volunteers, the foreign communities in which they will work, and the Bowdoin community to which they will return. To learn more about this grant, visit http://www.bowdoin.edu/mckeen-center/fellowships-beyond/global-citizens-grant/index.shtml. Any students interested in applying for this grant should try to attend at least one information session. First deadline for grant submissions is November 10th!

**(Re) Visions of Industrial Spaces**  
Drawings and Photography from Eastern Europe/ Watson Fellowship  
Cotton Estes ‘07  
Exhibit in the VAC 9/29-10/11

**Operation Wallacea**  
Biodiversity & Conservation Management Research Programs  
Wed Oct 15th  4pm  
Adams Hall  Rm 103
Operation Wallacea will be giving a presentation and information session about how students from US Colleges and Universities can contribute to conservation research conducted in remote areas of Indonesia, Honduras, Egypt, South Africa, and Peru next summer. 2, 4, 6, & 8 week expeditions available to students.

“I had an amazing time in Peru. I never feel I can adequately describe my experience and be able to do it justice. It was truly once in a lifetime opportunity and would do it again in a heartbeat.”
Tom Daly UMass Amherst (Peru 2008)

“My project supervisors were so enthusiastic that it really made the project enthralling. I am so glad that I chose the senior thesis that I did and am now super interested in pursuing ornithology further!”
Keely Craig, Union College (Indonesia 2008)

“Africa has been one of the most life changing experiences I’ve ever had. Within the first minute of arriving in the game reserve we were caught in a breeding herd of over 30 elephants, we were immediately immersed into a world most people will never be able to imagine, let alone experience. The passion of the workers and guides was inspirational.”
Matt Favazza Salem State (South Africa/Mozambique 2008).

Operation Wallacea is currently signing students up for next summer’s programs! Places are limited so call us today (Ph: 732-746-3140) or email us at usa@opwall.com to learn more about how you could join us on expedition and maybe even earn credit for an internship, or independent study!

McKeen Center for the Common Good
Manufactured Landscapes Series
Wed. Oct. 15 7:30 pm, Smith Auditorium
Film Screening: Manufactured Landscapes with producer/director Jennifer Baicheal
For more information, see the link provided:

** Applications due Oct. 10, 2008 – apply online today at http://www.greencorps.org **

Green Corps Application Deadline approaching- Oct. 10
Info session 10/16 and Interviews 10/17 at Bowdoin
Information session, location TBA, Interview 8AM-6PM Student Union, LaMarche Lounge

In Green Corps’ year-long paid program, you’ll get intensive training in the skills you’ll need to make a difference in the world. You’ll get hands-on experience fighting to solve urgent environmental problems — global warming, deforestation, water pollution and many others — with groups such as Sierra Club and Greenpeace. And, when you graduate from Green Corps, we’ll help you find a career with one of the nation’s leading environmental and social change groups.

In your year with Green Corps:

You’ll get great training with some of the most experienced organizers in the field: Green Corps organizers take part in trainings with leading figures in the environmental and social change
movements: people such as Adam Ruben, political director of MoveOn.org, and Bill McKibben, author and organizer of the “Step It Up” rallies for climate action.

You’ll get amazing experience working on environmental issues across the country: Green Corps sends organizers to jumpstart campaigns for groups such as Rainforest Action Network, Sierra Club, Greenpeace and Environment America in San Francisco, Chicago, Boston and dozens of other places in between.

You’ll even get paid: Green Corps Organizers earn a salary of $23,750. Organizers also have a chance to opt into our health care program with a pre-tax monthly salary deferral. We offer paid sick days and holidays, two weeks paid vacation and a student loan repayment program for those who qualify.

And when you graduate from the program, you’ll be ready for what comes next: Green Corps will help connect you to environmental and progressive groups that are looking for full-time staff to build their organizations and help them create social change and protect our environment.

In the next few months, we’ll invite 35 college graduates to join Green Corps in 2009-2010. We’re looking for people who are serious about saving the planet, people who have taken initiative on their campus or community, and people who are willing to roll up their sleeves and work for change over the long haul.

If you think you’re one of those people, visit http://www.greencorps.org/apply to submit your application to join the 2009-2010 class of Green Corps’ Field School for Environmental Organizing.

Green Corps’ year-long program begins in August 2009 with Introductory Classroom Training in Boston, and continues with field placements in multiple locations across the U.S. Candidates must be willing to relocate.

For more information, visit www.greencorps.org or contact Dan Cannon, Green Corps Field Organizer, at Dan@greencorps.org or 440-724-4716.

OFF CAMPUS EVENTS

Solar Power: Electricity from the Sun
Thursday, October 9  7:00 pm to 8:30 pm.
F.W. Horch Sustainable Goods & Supplies, 56 Maine St. Brunswick. Call 729-4050 to reserve a seat.

For each five hundred and fifty square feet (25'x22') of sunny, south-facing roof space in Maine, solar photovoltaic panels can generate 6,500 kilowatt hours of electricity every year -- well over 100% of an average family's annual power consumption. As Mainers consider higher energy prices and rising levels of global greenhouse gases from fossil fuels, many are turning to the sun to generate electricity reliably and cleanly on their own rooftops.

John Capron, of Revision Energy will explain the basics of generating electricity from the sun. Attendees will learn how photovoltaic systems work, how much power is available
to be harvested from the sun, which types of solar electricity systems are available today, and how much they cost. The talk will also cover common questions and concerns, such as how a homeowner can find out if her roof is sunny enough, how long an installation will take, whether a system will pay for itself in energy savings, and what financial incentives are available.

ReVision Energy is a full service renewable energy company offering design, sales, installation and service. Formerly known as Energyworks, ReVision Energy has emerged as an industry leader, having installed more than half of all solar energy systems in Maine for the past three years. Their engineers from MIT and Brown University have a combined 25 years experience in the design, installation and service of renewable energy systems.

This talk is part of the F.W. Horch series on sustainable living. Each monthly talk is held on the second Thursday of the month at the F.W. Horch Sustainable Goods & Supplies store, 56 Maine Street, Brunswick. Space is limited, so those interested in attending are encouraged to call the store at 729-4050 to reserve a seat.

For more information, please visit www.FWHorch.com.

Contact:
Fred Horch, Owner
729-4050
fred@fwhorch.com

**Climate Change 21 -- Choices for the 21st Century (CC21)**
October 23 & 24, 2008

All undergraduate and graduate students from Maine’s colleges and universities are invited to submit abstracts describing posters or presentations they would like to display at CC21 in October 2008.

There will be five categories of student work at CC21:
- Undergraduate student posters -- research on climate change causes, effects, and choices
- Graduate student posters -- research on climate change causes, effects, and choices
- Arts and humanities presentations related to climate change (performance, fine arts, etc.)
- Public education posters on climate change causes, effects, and choices
- Student team report posters on campus initiatives related to climate change

In each category there will be a cash prize of $500 and recognition at the conference session during Day 2 for the best poster or presentation. In addition there will be up to ten honorable mention awards drawn from any of the five categories.

The competition judging team will be led by internationally-recognized climate scientist Dr. Paul Mayewski, Director, Climate Change Institute, The University of Maine. Honorary Judge and awards presenter will be Scott Pelley of “60 Minutes” -- CBS News.
To register your poster or presentation, please send the following by Tuesday, September 30 to Mark W. Anderson, Coordinator, Ecology & Environmental Sciences Program, 5782 Winslow Hall, University of Maine, Orono, Maine  04469-5782. Inquiries to: mark.anderson@umit.maine.edu

Name:  
Email address:  
Institution:  
Title:  
Abstract: (no more than 100 words)

at one of the Bay's most scenic spots. Cutko is a botanist, ecologist and forester and a former FOMB Steering Committee member. Participants must pre-register with Cutko at 666-3162.

Merrymeeting Bay Wildlife Management Area near the mouth of the Cathance River, offers a spectacular view of Merrymeeting Bay including the mouths of the Muddy and Androscoggin rivers as well as the Cathance. The over 300 acres of fields and forest are owned by the state and managed by the Department of Inland Fisheries & Wildlife [IF&W]. Participants should be prepared to walk about ¾ mile to the water.

The last FOMB Outing of the season on Saturday September 13th from 11-1pm will be a Paddle to Bird Island led by Anne Hammond departing from Butler Cove in North Bath.

**Smart Growth Summit**  
Friday, Oct. 10  
Augusta Civic Center

Special rates for students $35.

Maine’s students share our optimistic vision of a prosperous, environmentally sustainable future for Maine. For these reasons, we’d like to invite Maine’s high school, college, and graduate students to attend GrowSmart Maine’s annual Summit: Friday October 10th in the Augusta Civic Center. This year’s Summit is focused on how Maine can adapt to and prosper from the revolutionary changes our state is facing. How will our governments respond to persistent budget shortfalls? And what are the opportunities of growing a new “green innovation” economy to escape our climate and energy crises? The event is also an ideal networking opportunity for students searching for a job or an internship: our guest list includes hundreds of leaders from Maine’s State House, the private sector, nonprofit organizations, and government agencies. The $35 student registration rate includes lunch and snacks. For more information and to register on line: [http://www.growsmartmaine.org/blog/?p=213](http://www.growsmartmaine.org/blog/?p=213).

**INTERNSHIPS/RESEARCH**

**Energy Internships – Maine Department of Environmental Protection**

*The Maine Green Schools –* is a program to bring greater awareness to Maine schools and communities around the topics of climate change and clean air. DEP will be hiring 2-3 interns whose role will be to build the capacity of the participating organizations and schools by connecting the schools to resources to meet community needs. The projects will address air quality/energy efficiency related issues of concern and actually engages school administrators, building managers, teachers and students in doing Basic Energy Assessments at their schools and
in selected homes. The Interns will be asked to facilitate school and community awareness as well as service learning projects with local school teams.

Possible duties include: Making presentations on the Carbon Footprint 2% Solution to challenge students to take certain actions to reduce carbon emissions by 2 percent annually. The presentation is followed with the introduction of the audit kit tools; Working with teacher to support students investigations and facilitating students’ efforts to engage the community in awareness and action by documenting their findings/experiences and then create an information campaign for a target audience in the community.

This is a one-two semester time commitment of a minimum of 50 hours of service to be paid a $500 scholarship cash stipend at end of service terms along with any approved travel expenditures for required trips >25 miles. The Intern(s) will be assigned a list of tasks and deliverables to be completed over the duration of the service term. Many of the tasks will be independently scheduled while work assisting a teacher or school or community team will need to be coordinated to meet the needs of the partners the Intern is assigned to assist. This should average about 3 hours of service per week over the course of a semester.

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

**Internship – Alternative Energy project**

Midnight Oil Company is a privately held Fuel Distribution and Service Company located in Newcastle Maine. Beginning in the spring of 2008 we have begun to market Geothermal and solar solutions to our customers as a reasonable alternative to using fossil fuels. We also have built a working “lab” of Geothermal systems that encompass many variables including “open” and “closed” loop wells, and various heat distribution methods (Air, radiant heat). We are considering further advancements in the lab including DX wells. All of this technology is working and in fact heats and cools our facility.

Our objective this winter is to meter our various permutations of Geothermal solutions to demonstrate costs of operation vs. heat production to make a case for our customers to invest in this new technology. To do this we intend to develop scenarios over time and capture kilowatts used vs. heat output, degree days and various other factors. We have made a preliminary selection of a software/hardware tool which we would acquire that would capture and model this data.

Our secondary objective will be to use this data to support financial models to demonstrate the advantage of capital investment (Geothermal Home System) vs. consumption of a post tax commodity (Fossil Fuel).

The appropriate student would have an interest in alternative energy, and a desire to measure practical application of Geothermal Energy in our lab. The student would be expected to build and execute a project plan that includes the following milestones:

1. Select the tools (software and hardware) from a short list and install or assist in the installation of the same.
2. Establish test cases and work with our technicians to set the equipment to run as desired (e.g. A home running radiant heat for 1 month using a heat pump on an “open loop” well).
3. Collect and incorporate other data points (e.g. degree days).
4. Model, test, and report the output.
This program could begin in early September and continue through the winter. Compensation would be negotiated. Hours are flexible so long as they are incorporated into a working project plan.

Contact: Eileen Johnson at ejohnson@bowdoin.edu

**Conservation Finance Forum**
The Conservation Finance Forum is pleased to announce the Conservation Capital in the Americas Conference and Student Competition. This is a great opportunity to participate in an international conference. Funds are available for a Bowdoin student to attend this conference in Chile.

The Conservation Capital in the Americas Conference will be held January 17 through 19, 2009, in Valdivia, Chile, and will explore some of the most effective practices and promising innovations in the field of conservation finance. Approximately 100 invited conservation practitioners, educators and students from North, Central, and South America will participate. The conference includes a student competition to identify, assemble, and support emerging leaders in conservation finance. Students selected on the basis of essays on conservation finance will be awarded the funded opportunity to attend the conference.

To access the competition application information, please visit the Forum website: `http://www.conservationfinanceforum.org/competition.html`

Applications will be accepted September 2 through October 20, 2008. For further inquiries please contact:
- Jim Levitt at James_Levitt@harvard.edu
- Elizabeth Reardon at studentcompetition@conservationfinanceforum.org

**Climate change and the future of the Northern Forest**
Northern Forest Alliance 2008 Climate Change Conference
November 1 and 2, 2008; day long events
Dartmouth College, Hanover, New Hampshire
Note: Registration and lodging are at no cost to Bowdoin students

Who should attend this conference?
- Undergraduate students concerned about the impacts of climate change on the Northern Forest.

Why should you attend?
- Learn from experts in the field
- Develop the best emission reduction options for your campus
- Take action to enhance the future of the Northern Forest
- Contact Shelly Martin to register at smartin@nfainfo.org or at 802.253.8227 ext. 13

Visit the website at www.northernforestalliance.org).

**Maine Environmental News Volunteer opportunity**
Maine Environmental News is looking for student volunteers to help update this webpage by posting articles in the area of contemporary environmental issues.
If you would like to find out more and become involved, contact Eileen Johnson at ejohnson@bowdoin.edu.

Link for Maine Environmental News: www.mainenvironews.com

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