

ES Newsletter, Week of February 23, 2009

Last Day!! Consider applying for a coastal studies fellowship:

The application deadline for most fellowships is Tuesday, February 24th at noon.

Rusack Coastal Studies Fellowship:

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

Doherty Charitable Foundation Coastal Studies Research Fellowship:

<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 EVENTS

Canada's Toxic Tar Sands: The Most Destructive Energy Project on Earth

Wed. Feb 25 7:00 pm

Cram Alumni Barn

Matt Price, from Environment Defense of Toronto, will provide a presentation on the environmental impacts of tar sands operations in Canada. Tar sands are extracted through massive strip mine operations, potentially threatening hundreds of thousands of acres of boreal forest – a vital wildlife habitat for millions of migratory song birds. Oil produced from tar sands produces three times as much greenhouse gas emissions as conventional oil. The largest dam in the world currently holds back a toxic sludge reservoir created from tar sand operations. Matt Price will provide a compelling overview of the damage being caused by tar sands mining in order to satisfy our oil addiction.

Polar Extremes: Changes in a Warming World: Modern Changes in the Arctic and Antarctic Environments

Thursday, Feb 26. 7:00 pm

Sills Hall, Smith Auditorium

Polar environments are warming the fastest of any region on Earth. In this lecture, Professors Mark Battle (Physics) and Phil Camill (Environmental Studies and Biology) will discuss the current state of knowledge of climate warming in the Arctic and Antarctica and its likely environmental effects. Topics will include recent warming trends, loss of sea ice, thaw of permafrost, loss of land ice from Greenland and Antarctica and their role in sea level rise, and feedbacks between the land surface and climate, including changes in vegetation and the carbon cycle.

This event is free and open to the public.

Protecting Russia's Forests: Communities, NGO's and International Actions

Monday, March 2 7:30 pm

ES Common Room, Adams Hall

Dr. Tysiachniouk has spent years studying efforts to promote international forest certification in the forests of Karelia, Kamchatka, and the Russian Far East. She will speak about the interaction of transnational initiatives for sustainable forestry and the domestic Russian context, including the complex legal and political environment and the interests of local communities dependent on forest products. Her research highlights the role of Russian NGOs as mediators between communities and transnational environmental activists.

Dr. Maria Tysiachniouk holds a Master of Science in Environmental Studies from Bard College, NY, a Ph.D. in Biology from the Russian Academy of Sciences and a Certificate in Nonprofit Studies from Johns Hopkins University. She has taught at Herzen Pedagogical University in St. Petersburg, St. Petersburg State University, Johns Hopkins University, Dickinson College, PA, Ramapo College of New Jersey, Towson University, and short courses at several universities in Europe. Dr. Tysiachniouk has written more than hundred publications on topics related to the third sector and has had fieldwork experience in Kamchatka and the Far East. She is currently chairing the Environmental Sociology group at the Center for Independent Social Research, St. Petersburg, Russia.

Learn more about Bottled Water- and “Take the Pledge”

(Posted 2.23.09)

Not only is bottled water no safer than tap water, a whole lot more expensive, and responsible for putting more hormone-altering toxins into our environment, but bottled water companies (like Nestle of Poland Springs) are some of the most exploitative corporations in the world!:

To sign our pledge, click here:

<http://www.petitiononline.com/bobotap/petition.html>

To read more about Nestle and other problems with bottled water companies:

<http://www.counterpunch.org/begley1224.html>

<http://takebackthetap.org/learn-more/justice>

Sincerely, The Evergreens

SUMMER INTERNSHIPS/JOBS

Internships and summer positions – for more information, see e-bear:

(posted 2.23.09)

Tanglewood 4-H Camp and Learning Center (ME), teaching and internship positions Feb 26 Deadline

Echo Hill Outdoor School (MD), looking for: Environmental Educators/Trip Leaders/Camp Positions Feb 26 Deadline

Maine Natural Areas Program (ME), Teaching Positions and Internships Feb. 27 Deadline
2009 Summer Internship Opportunities

Maine Volunteer Lake Monitoring Program & Maine Department of Environmental Protection

www.MaineVolunteerLakeMonitors.org — www.maine.gov/dep/blwq/lake.htm

(posted 2.23.09)

Make a difference: Learn a lot!

Interns will work closely with Volunteer Lake Monitoring Program (VLMP) staff and volunteers as well as with Department of Environmental Protection (DEP) biologists. Learning opportunities as a VLMP and DEP intern are potentially extensive. All interns attend special workshops that are designed to train volunteers to measure various aspects of lake water quality, and to identify and take preventive measures against invasive aquatic plants. Interns can become certified to collect water quality data in Maine. Maine DEP projects will require field work and assisting with special studies, including equipment preparation and deployment. As a staff member of VLMP's small non-profit organization, interns may also assist

with aspects of program administration, including scheduling, materials preparation and budget management.

Some 2009 Projects

Training Workshops

- Assist in Conducting Volunteer Training Workshops
- Collect and Organize Plant Specimens
- Prepare Workshop Materials

VLMP Lake Monitoring Conference

- Coordinate Volunteer Award Ceremony, and Registration
- Assist with Planning

Baseline water quality monitoring

- Visit Lakes Statewide as a VLMP/DEP Team Member

Biological Monitoring

- Assist with Biological and Habitat Surveys Related to Water Levels in Lakes or Ecological Reserves

Invasive Species Monitoring and Management

- Assist Teams in Surveys for Invasive Plants
- Outreach Projects about Invasive Plants

All interns should be prepared to assist the permanent staff with routine administrative tasks, such as preparing volunteer information materials and data entry. These tasks are necessary for the successful training and education of our volunteers in all areas of the program.

There will be two internship positions available. Both will be paid hourly and will include some weekend work. How to apply:

Contact the VLMP with information concerning your availability, area of interest, and how you learned about the program. Inquiries are welcomed.

Jim Entwood, Program Coordinator

Maine VLMP, 24 Maple Hill Road, Auburn, ME 04210

jim@mainevlmp.org, 207-783-7733

Link to online internship flyer: <http://www.mainevolunteerlakemonitors.org/boardandstaff/VLMP-DEPInternBrochure2009.pdf>

Summer Institute in Earth Sciences- NASA Goddard Space Flight Center's (GSFC) Earth Sciences Division (posted 2.23.09)

Offering undergraduate students research opportunities at the Earth Sciences laboratories at NASA GSFC, located near Washington DC in Greenbelt, MD. This is a unique opportunity to conduct an intensive research project, both theoretical and experimental in Earth Sciences. Students select from a number of available projects and are matched with a Goddard Earth scientist. Program includes an Earth Science seminar series, NASA Tours, and a variety of optional social and professional development events. To complete the program both an oral and a written report of the research effort will be required. Students receive a grant of \$4,000, local housing and economy travel expenses. The program must be completed to receive the total amount of the grant.

Online application instructions are available at:

<http://www.gest.umbc.edu/>

Deadline: March 6, 2009

Contact Valeries Cassasanto, e-mail: ycasa@umbc.edu

Phone : 301-286-6605

Unpaid Internship Opportunity: Marine Conservation Biology Institute
Washington DC, Website: www.mcbi.org

(Posted 2.23.09)

Ocean Policy Intern (Washington DC)

Marine Conservation Biology Institute (MCBI) is a non-profit scientific and conservation advocacy organization that has been working since 1996 to promote cooperation essential to protecting and restoring the Earth's biological diversity and to advance the science of marine conservation biology. From our headquarters in Bellevue WA and our Washington DC, California and Hawaii offices, we work to protect marine life around the United States and beyond by encouraging research and training in marine conservation biology, bringing scientists together to examine crucial marine conservation issues, doing policy research to frame the marine conservation agenda, conducting outreach to educate scientists, the public and decision makers on key issues, and building partnerships to solve problems affecting marine life and people.

In addition to providing the opportunity to participate in many aspects of our policy work, the Marine Conservation Biology Institute's Ocean Policy Internship offers exposure to government agencies, non-governmental groups and other organizations involved in the policy-making process.

MCBI's Government Affairs office in Washington DC works on policy research and advocacy on a variety of marine issues, including preserving Hawaii's marine ecosystems, deep sea corals and seamounts conservation, marine protected areas such as marine sanctuaries, and combating destructive fishing practices such as bottom trawling. Past interns have found the internship useful in narrowing their focus/interest in marine issues and learning about lobbying and the legislative process, particularly how to package science information for decision makers.

Duties

Internship activities include:

- Conducting research on US marine policy**
- Setting lobbying appointments with congressional staffers**
- Accompanying MCBI Staff on lobby visits and keep records of visits* *
- Staying abreast of and briefing Staff on marine conservation news and hot topics**
- Preparing educational materials and fact sheets**
- Providing administrative support (answer phones, keep VP calendar, file, purchase some office supplies, open & distribute mail, etc.)**

Opportunities for independent research in Ocean Policy should be discussed at the time of interview.

Desired applicant qualifications

- Excellent research, writing, and communication skills.
- Excellent organization skills.
- At ease working with Windows-based computer applications and mild computer troubleshooting.
- Demonstrated ability to work independently, with minimal direct supervision.
- Commitment to the preservation of marine life and biological diversity.
- Substantive education, knowledge or professional experience in marine or environmental science or policy.
- College graduates or graduate students in law, environmental policy, or ocean management.

* *

*Period of Internship: May – August 2009

Compensation: Interns are expected to work 40 hours per week. The internship is unpaid. No benefits or relocation costs are provided, except standard holidays falling during the internship term. We are willing to work with interns and their universities to obtain academic credit for internship work.

Application: Send all application materials by email to internships@mcbi.org by April 6th. Reference "Ocean Policy Intern" in the subject line.

1. A cover letter detailing your interests, relevant experience, goals and availability;
2. A résumé;
3. A writing sample (1-2 pages);
4. A course list detailing applicable coursework experience;
5. And a list of 3 references or completed recommendation letters.

MCBI is an equal opportunity employer./

JOBS FOR SENIORS

Organization: Beyond Benign

Position: Outreach Coordinator in K-12 Science Education

(Posted 2.23.09)

Location: Boston, MA area

Website: http://www.beyondbenign.org/position_available.html

Position Opening: Outreach Coordinator in K-12 Science Education

Beyond Benign is a non-profit that promotes science driven by the principles of Green Chemistry in order to create an environmentally, socially and economically prosperous world. Beyond Benign is seeking an outgoing individual to act as a coordinator in K-12 Science Outreach. The position involves organizing and managing the K-12 and community outreach program at Beyond Benign, helping to plan and run K-12 science workshops and will also involve K-12 science curriculum development.

http://www.beyondbenign.org/position_available.html

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