

ES Newsletter Week of Dec. 6

ON CAMPUS EVENTS

Screening of the movie *Food Inc.*

Tuesday, December 7th

7:30p.m., Cleveland Hall 151

The Bowdoin Democrats will be screening *Food Inc.*, nominated for Best Documentary at the Academy Awards. Directed by Emmy Award-winning filmmaker Robert Kenner, the film examines corporate farming in the United States, concluding that agribusiness produces food that is unhealthy in a way that is environmentally harmful and abusive of both animals and its employees. The film is narrated by Eric Schlosser and Michael Pollan, author of *The Omnivore's Dilemma* and *In Defense of Food*. Local, organic refreshments will be provided.

FOR UNDERGRADUATES: INTERNSHIPS, FELLOWSHIPS, SCHOLARSHIPS & JOB OPPORTUNITIES

Environmental Studies Psi Upsilon Fellowships

The Environmental Studies program offers two fellowship programs that place ES majors in stipended summer internships - the **Community Matters in Maine - Psi Upsilon and Logan Environmental Fellowships** and the **Psi Upsilon Sustainability/Environmental Justice Fellowships**. Students must be rising juniors or seniors and have an interest in environmental issues. Students' academic record and financial need are all important criteria, though students not receiving aid are eligible if a paid summer job is a necessity. Preference is given to ES majors.

[Psi Upsilon Sustainability and Environmental Justice Fellowship.](#)

The Psi Upsilon Sustainability and Environmental Justices Fellowships provide students with the opportunity to explore the topic of sustainability or environmental justice by working directly with a business, at the government level or through a nonprofit organization. The Environmental Studies Program will award one Sustainability and one Environmental Justice Fellowship in the summer of 2010. Students are encouraged to take time over winter break to identify a list of organizations that they might work with through this fellowship.

Application Due Date: Tuesday, March 1st, 2011 at noon

[Community Matters in Maine Psi Upsilon and Logan Fellowships](#)

The ES Program coordinates the 10-week internships, working with Maine non-profit organizations and governmental agencies. Commitment to work in the environmental field, academic record, and financial need are all important criteria, though students not receiving aid are eligible if a paying summer job is a necessity. The Environmental Studies program will award seven Psi Upsilon~Community Matters in Maine Fellows. The list of organizations participating in the program will be available in early January.

Application Due Date: February 14th, 2010 at noon

ES Events Fellow, Spring Semester

If you have an interest in helping the ES Program plan and manage events, including creating event posters, please see the SEO website and apply.

https://studentemployment.bowdoin.edu/cm_content.aspx?cpid=79

NOAA Undergraduate Scholarship Opportunities

The National Ocean and Atmospheric Association announced a variety of opportunities for undergraduates interested in marine policy, coastal management, and other related fields.

Ernest F. Hollings Undergraduate Scholarship Program:

Application Deadline: Friday, February 4, 2011, 5:00pm

The National Oceanic and Atmospheric Administration (NOAA) Ernest F. Hollings (Hollings) scholarship program is designed to: 1) increase undergraduate training in oceanic and atmospheric science, research, technology, and education and foster multidisciplinary training opportunities; 2) increase public understanding and support for stewardship of the ocean and atmosphere and improve environmental literacy; 3) recruit and prepare students for public service careers with NOAA and other natural resource and science agencies at the federal, state and local levels of government; and 4) recruit and prepare students for careers as teachers and educators in oceanic and atmospheric science and to improve scientific and environmental education in the United States.

The Hollings Scholarship Program provides successful undergraduate applicants with awards that include academic assistance (up to a maximum of \$8,000 per year) for full-time study during the 9-month academic year; a 10-week, full-time internship position (\$650/week) during the summer at a NOAA facility; and, if reappointed, academic assistance (up to a maximum of \$8,000) for full-time study during a second 9-month academic year. The internship between the first and second years of the award provides the Scholars with "hands-on"/ practical educational training experience in NOAA-related science, research, technology, policy, management, and education activities. Awards also include travel funds to attend a mandatory Hollings Scholarship Program orientation, conferences where

students present a paper or poster, and a housing subsidy for scholars who do not reside at home during the summer internship.

For more information and application materials, please visit
<http://www.csc.noaa.gov/cms/fellows.html>

Northern New England Chapter – SWANA Scholarship

The Northern New England Chapter of SWANA has announced the availability of a scholarship for undergraduates or graduate students committed to a degree in Solid Waste Management, Environmental Science, Civil Engineering, or a related field of study. The scholarship is limited to students studying in state owned and private colleges/universities operating in Maine, New Hampshire and Vermont. The scholarship is for \$1,000 per semester for the 2010-2011 academic year.

Award: \$1,000 per semester

Deadline: December 24th, 2010

Web site: <http://swanachapters.org/nne/AboutUs.aspx>

Open to: Students committed to a degree in Solid Waste Management, Environmental Science, Civil Engineering, or a related field of study.

Submit application to: Kevin H. Roche, ecomaine, 64 Blueberry Road, Portland, ME 04102,
or via e-mail: trufant@ecomaine.org

For more information, contact Kevin H. Roche at trufant@ecomaine.org.

FOR GRADUATING SENIORS: INTERNSHIPS, FELLOWSHIPS, JOB OPPORTUNITIES

Fall 2011 EPA Greater Research Opportunities (GRO) Fellowships For Undergraduate Environmental Study

Deadline: December 9, 2010

The U.S. Environmental Protection Agency (EPA), as part of its Greater Research Opportunities (GRO) Fellowships program, is offering Greater Research Opportunities (GRO) undergraduate fellowships for bachelor level students in environmental fields of study. The deadline for receipt of applications is December 9, 2010 ET 4:00 PM for receipt of paper applications, and December 9, 2010, at 11:59:59 PM ET for submittal of electronic applications to Grants.gov. Subject to availability of funding, the Agency plans to award approximately 40 new fellowships by July 29, 2011. Eligible students will receive support for their junior and senior years of undergraduate study and for an internship at an EPA facility during the summer between their junior and senior years. The fellowship provides up to \$19,700 per academic year of support and up to \$9,500 of support for a three-month summer internship.

For more information:

http://epa.gov/ncer/rfa/2011/2011_gro_undergrad.html#SUMMARY

Post-Graduate Fellowship: Climate Ready Water Utilities US Environmental Protection Agency

Deadline: December 9, 2010

A postgraduate internship is available at the U.S. Environmental Protection Agency's (EPA) Office of Water/Office of Ground Water and Drinking Water in Washington, D.C. Sea level rise, more extreme weather events, and changes in precipitation and runoff patterns can have significant impacts on water (drinking water and wastewater) sector utilities and their ability to meet their public health and environmental protection goals. Therefore, owners and operators require effective education and training, as well as practical and useful tools in their efforts to address these impacts. To assist water sector utilities, EPA has established its Climate Ready Water Utilities (CRWU) program. This internship will be served in the Water Security Division, which is primarily responsible for implementing activities to assist water utilities in protecting their infrastructure all-hazards, including the impacts of climate change.

For more information and to apply see the website:

<http://orise.orau.gov/science-education/internships-scholarships-fellowships/description.aspx?jobId=1172>

An application can be found at http://www.orau.gov/partform/EPA/EPA_Application.pdf. The EPA mentor for this project is Curt Baranowski. He can be contacted at (202) 564-0636 or at Baranowski.Curt@epa.gov.

NOAA Graduate Fellowship Opportunities

The National Ocean and Atmospheric Association announced a variety of opportunities for postgraduates interested in marine policy, coastal management, and other related fields.

NOAA Coastal Management Fellowship:

Application Deadline: Friday, January 28, 2011, 5:00pm

The Coastal Management Fellowship was established in 1996 to provide on-the-job education and training opportunities in coastal resource management and policy for postgraduate students and to provide project assistance to state coastal zone management programs. The program matches postgraduate students with state coastal zone programs to work on projects proposed by the state and selected by the fellowship sponsor, the National Oceanic and Atmospheric Administration (NOAA) Coastal Services Center. This two-year opportunity offers a competitive salary, medical benefits, and travel and relocation expense reimbursement.

For more information and application materials, please visit:

<http://www.csc.noaa.gov/cms/fellows.html>

Office Administrator/Publications and Events Coordinator Charles River Watershed Association, Weston, MA

The Charles River Watershed Association (CRWA), a dynamic environmental non-profit organization in Weston, MA is seeking an office administrator/publications and events coordinator for immediate hire. Duties include daily responsibility for office administration, production of web and print publications, including CRWA's on-line newsletter, event planning, keeping CRWA's website current; working with volunteers, and making occasional public presentations.

See the webpage for details: <http://www.crwa.org/employment.html>

A cover letter and resume should be submitted electronically by **December 15, 2010** to Pallavi Mande at pmande@crwa.org. The successful candidate must be available to start in January, 2011. Competitive salary and benefits.

CRWA is an Affirmative Action/Equal Opportunity Employer and does not discriminate on the basis of age, class, color, disability, ethnicity, faith, gender, national origin, race, or sexual orientation. For more information about Charles River Watershed Association, visit www.charlesriver.org.

OFF CAMPUS EVENTS, CONFERENCES

Last of the Kennebec Log Drives

Dave Calder, Log Driver, Song Writer & Storyteller

Wednesday, December 8th, 7:00p.m.

Bath City Hall Auditorium, Bath, ME

Join Friends of Merrymeeting Bay (FOMB) on Wednesday, December 8th at 7pm for the 3rd presentation of their 14th annual Winter Speaker Series. This program, "Last of the Kennebec Log Drives" features Dave Calder, former log driver, song writer and storyteller.

For early European settlers, the [Kennebec River](#) afforded access to Maine's interior woods and waterways. In the wake of the Industrial Revolution, such natural abundance was viewed as a resource to be exploited. By the early nineteenth century, lumber and textile mills sprang up along the river, taking advantage of plentiful woods and waterpower. Lumberjacks laboring with bucksaws, axes and draft horses, worked all winter to cut trees and readied them for spring log drives, when thousands of long logs were floated to mills downriver. In later years as demand changed, the drives were mostly made up of four foot pulp wood some of which remain in the river today.

Dave Calder, former log driver and riverman, grew up in the Skowhegan area and started working on the Kennebec River drives at age sixteen. Calder worked on the drives 10 years until they ended in 1976. Following that, he worked in heavy construction until retirement.

Calder will provide us with some history, tall tales and music as he relates what it was like to work a log drive on the Kennebec. Once a rite of spring, log drives no longer take place, and only a relatively small number of people know firsthand of the hard work and brutal conditions.

2011 Maine Water Conference

Wednesday, March 16th, 7:30a.m. to 4:00p.m.

Augusta Civic Center, Augusta, ME

Submission Deadlines: Oral Abstracts due December 17, 2010
Poster Abstracts due February 18, 2011

ORAL ABSTRACTS

Oral abstracts must fit within the guidelines of one of the session topics listed below. In-depth session descriptions are available on the web at:

http://www.umaine.edu/waterresearch/mwc/sessions_11.html

*****2011 Session Topics*****

- A. Groundwater Geochemistry: Natural and Human Influences
- B. Spanning Boundaries and Disciplines: Integrating Social and Natural Sciences for Effective Water Resource Management
- C. Shoreland Zoning and Beyond: Municipal Planning Issues and Water Resources
- D. Water and Land Conservation: Interactions & New Models
- E. Innovations in Water Resources Outreach & Education
- F. Developed, Urbanizing, and Undeveloped Watersheds
- G. Green Remediation - Practical Considerations
- H. Biotic Interactions with Water Quality
- I. Maine's Water Resources Research Institute Grants Program: Success Stories
- J. River Restoration: Avoiding the Post-Dam-Removal Blues
- K. Wetland Ecology and Conservation
- L. Threats to Maine's Freshwaters and Sustainability

Guidelines and submission information for Oral Abstracts is available at:
http://www.umaine.edu/waterresearch/mwc/call_for_abstracts_11.html

POSTER ABSTRACTS

Posters invited for display will address one or more aspects of water quality or quantity issues. These may include chemical, biological, hydrological, and geochemical aspects of surface and ground waters, and their policy and economic implications.

The juried poster competition will include three judging categories: graduate, undergraduate and high-school. Non-student poster presentations based on appropriate research findings are also accepted for display.

Guidelines and submission information for poster abstracts is available at:
http://www.umaine.edu/WaterResearch/mwc/call_for_abstracts_11.html