

ES Newsletter, Week of April 6, 2009

CLIMATE DAYS EVENTS

“Green Jobs and Environmental Justice”

Faculty/Student Collaboration UTube Videos and Discussion

Monday, April 6 7:00 pm ES Common Room

Students are invited to join faculty in the common room for a showing of U-tube videos and discussion of environmental justice and green jobs as a prelude to Majora Carter’s Common Hour! The videos: “Environmental Justice and Environmental Racism in Chester, PA”, “Green Jobs not Jails”, and “The Green Jobs Revolution”

Climate Fair

April 9th 10-4 Morrell Lounge, Smith Union

A showcase of student, faculty and staff work around the issue of sustainability as well as additional community and Bowdon organizations who will provide information and resources on climate change.

Locavore Dinner

April 9th 5-7pm Thorne Dining Hall

Come and enjoy local foods while enjoying table discussions on the college’s proposed Action Plan.

Common Hour with Majora Carter ~ “Green Jobs and the Green Economy”

Friday, April 10th 12:30-1:30 Pickard Theater

Tickets available at the Smith Union information desk

Majora Carter is an environmental advocate and founder of “Sustainable South Bronx”. Winner of the MacArthur “genius” award, she advises cities, foundations, universities, businesses, and communities around the world on unlocking their green-collar economic potential to benefit everyone.

Monday, April 6, 2009, marks the centennial of Robert E. Peary’s historic expedition to the North Pole. For more information, see the webpage:

<http://www.bowdoin.edu/news/archives/1bowdoincampus/006054.shtml>

OFF CAMPUS EVENT

“Gardeners of the Spirit”

Thursday, April 9 7:00 pm

F.W. Horch Sustainable Goods and Supplies, 56 Maine Street, Brunswick

"An Arizona-based group working to install school and community gardens asked us to talk with them about a documentary on their projects," said Herter. "Out of these talks came the idea that the film should cover the works of 'gardeners of the spirit' across the US, as they build community through the collaborative creation of peaceful, beautiful green sanctuaries in cities, schools, hospitals and prisons."

Starting in Maine, Boston, the Bronx and North Philadelphia, Brunswick residents Eric and Hoa Herter began shooting "Gardeners of the Spirit." Space is limited, so those interested in

attending are encouraged to call the store at 729-4050 to reserve a seat. For more information, follow the link below:

<http://fwhorch.blogspot.com/2009/04/gardeners-spirit.html>

SUMMER INTERNSHIPS/JOBS

Environmental Project Intern: Stantec (posted 4-6)

From alum Allegra Spalding – for more info contact her at [Allegra Spalding](mailto:Allegra.Spalding@ gmail.com) [allegra.spalding@gmail.com]

Our Environmental Management Group is dedicated to managing environmental issues professionally and proactively. Providing a diverse range of services, we draw upon a deep well of scientific knowledge in the areas of air, water, and soil, enabling our clients to identify and respond to opportunities and threats within constantly changing regulatory and corporate environments. This is where great people and great ideas truly make a difference. Our team members have the opportunity to be involved in a variety of projects, which extend from developing initial project concepts and environmental approvals to site decommissioning, remediation, and reclamation. Endangered species monitoring, dam assessments and design, archaeological studies, contaminated site cleanup, and operating one of Canada's largest ecotoxicity testing laboratories are just a few of the projects where we need talented people like you.

Stantec, a full-service environmental services firm, is seeking an interested student with a focus in natural resources to join our Environmental Management Group in the Northeast US for the summer of 2009. We would like to hire an intern to join our current staff of professional specialists in wetland science, vernal pool ecology, habitat restoration, wildlife and fisheries biology, and regulatory permitting. This internship will offer valuable work experience and for the right candidate may result in future full time employment upon graduation. The internship is a paid position. Compensation will depend upon the capabilities of the applicant. Job ID 2009-6422

Apply for this job online

<http://jobs-stantec.icims.com>

Crystal Spring Farm Day Camp (posted 4-6)

We are looking to fill two teacher positions for two weeks in July for our farm day camp.

Weeks of camp include: July 6-10, 2009
 July 13-17, 2009

The farm camp mission is to teach young people about all aspects of growing healthy food by engaging in the daily activities of a working (for-profit, family-run, diversified) organic farm.

Teachers will be working with a group of 8 children ages 6-10 with the help of teenaged counselors-in-training. Activities will be based on the daily work of our farm: care of sheep, ducks, chickens, and pigs; all aspects of raising vegetables, flowers, and herbs (seeding, cultivating, harvesting, washing), preparing and eating food, special farm projects, rounded out with stories, creative play, and exploration.

Farm camp will be directed by Maura Bannon who has lived at Crystal Spring Farm for five years with her family. She has extensive experience working with young people, from outdoor leadership and farm education to her work in schools as a licensed clinical social worker, as well as being a mom for six years. Maura has spent over ten years living on farms with her husband, farmer Seth Kroeck.

We are looking for individuals who are energetic, fun, and flexible with some knowledge of plants and animals (and desire to learn more) and experience working with children preferably in an education setting. CPR & Basic First Aid required.

Please contact Maura Bannon at maura@crystalspringcsa.com or 729.1112 to talk further about the position. Thank you!

Two temporary summer Federal positions will be available at the US EPA Atlantic Ecology Division, Watershed Diagnostics Branch in Narragansett, RI through the student summer hire program (STEP): posted 4-6

1) **Physical Science Aide/Tech.; Life Science Aide/Tech.**, Series 0404 GS-4 or 5 (GS-5 preferred)

Duties: Primary duties will include work with data including analyses with spreadsheets (Excel), relational databases (MS Access), and Geographic Information Systems (GIS; ArcMap). Work will support the development of e-Estuary, a decision-support system for estuaries and associated watersheds of the conterminous United States and the development of phytoplankton (chlorophyll) response relationships to nutrients in U.S. estuaries. Summer duties will focus on downloading, formatting, and importing water quality, sediment quality, hydrologic, tidal, climatic, nutrient, and biological data into geodatabases for estuaries and associated watersheds. These data will also be used to derive regression relationships between phytoplankton chlorophyll and nutrient (nitrogen and phosphorus) concentrations. The summer hire would support the potential habitat use zone subproject within the e-Estuary project and the phytoplankton response to nutrients subproject within the Nutrients Program. This subproject supports FY10 (tools for refining estuarine designated uses) and proposed FY12 (decision-support system) APMs, as well as providing an opportunity to correct statistical problems associated with an earlier approach to developing nutrient-response relationships for seagrass. In addition to supporting the development of a decision-support system, this work will provide tools for the development of nutrient criteria for estuaries in southern New England.).

Coursework and/or experience in use of relational databases (e.g., MS Access) and GIS is highly desirable but some training can be provided if needed.

2) **Engineering Aide/Tech. Series 0802; Physical Science Aide/Tech. Series 0404GS-4 or 5** (GS-5 preferred).

Duties: Primary duties will include work with data including analyses with spreadsheets (Excel), relational databases (MS Access), and Geographic Information Systems (GIS; ArcMap). Work will support development of a suite of tools for assessing effectiveness of stormwater BMPs. The toolkit of approaches will include applications of ecological classification (valley-segment and watershed scale), predictive models for community composition, empirical derivations of species optima and tolerances, and development of community- and habitat-response curves

along development gradients by ecological region and watershed class. Work during the summer will support several subcomponents of the project: Extend the development of ecological response curves to develop Biological/Ecological Condition Gradient (BCG) models (Davies and Jackson 2006) and thresholds (Groundwater Conservation Advisory Council 2007, Zorn et al. 2008) along watershed development gradients using watershed attributes and indices developed in a current Region 1 RARE project and existing data sources.

Additional response curves will be developed for fish community and instream habitat endpoints (flow regime, thermal regime, and substrate). The flow-regime classification of New England watersheds will be extended from peak-flow yields to incorporate base flow yield. Predictive models for thermal flow class and selected thermal metrics will be developed for New England streams. Species optima and tolerance values for macroinvertebrates will be compiled from weighted averages for temperature and % fines in Carlisle et al. (2007) and for fish from US EPA's fish-temperature matching database (Eaton et al. 1995). Fish species optima specific to New England taxa will be calculated using mean and standard deviation of values for the top 20% of sites (based on fish density) for variables such as drainage area, thermal metric, baseflow yield, and peakflow.

Interested parties should send the following to Darryl Keith (keith.darryl@epa.gov):

Resume/CV

Copy of Transcripts with all credits listed

Letter from School Registrar stating that student is enrolled at least 1/2 time for next semester (09/09)

Naomi E. Detenbeck, Ph.D.
US EPA Atlantic Ecology Division
27 Tarzwell Drive
Narragansett, RI 02882 (401)-782-3162
detenbeck.naomi@epa.gov

Internship: Town of Bar Harbor, Maine

From: Daniel Roach DANR@USM.MAINE.EDU posted 4-6

The Town of Bar Harbor, Maine (winter population 5k +/-, summer population 18k +/-) seeks an individual to provide services in the Planning Department. Services include office practice as well as special research projects as may be assigned by the Planning Director.

Exposure to and involvement in all aspects of planning services will be provided including but not limited to regulatory and permitting process, comprehensive planning, village and neighborhood planning, ordinance writing, affordable housing, scenic byway coordination, historic preservation, economic development, land use laws and vernal pool identification. Applications of Geographic Information Systems (GIS) will also be assigned.

Pay for services is \$12.00 per hour. Overtime pay equals 1.5 times hourly for mutually agreed upon time beyond 40 hours. The intern reports directly to the Planning Director. The internship can be coordinated with thesis work or other credit programs with respective academic programs.

The preferred applicant will be interested in pursuing Planning as their future career.

Undergraduates and graduate students in a Planning Program, or entry level planners are encouraged to apply.

Applicants should have aptitude in all forms of communication (written, oral, graphic and electronic) and have a strong work ethic. Proficiency in GIS is also a required skill.

Internship shall run for 10 weeks, beginning anytime after July 1, 2009. The fall semester for universities is encouraged. Additional weeks from other funding sources may be possible. Funding for said 10 weeks subject to Town Meeting approval in June 2009.

Applications shall be taken on a first come basis with a rolling interview process until the position is established. The Town reserves the right to accept or reject applications. The Town is an equal opportunity employer.

Applicants shall submit a cover letter, resume and a writing sample to:

Anne Krieg, AICP, Planning Director

Planning Department

93 Cottage Street

Bar Harbor, ME 04609

Or by e-mail: planningdirector@barharbormaine.gov

No phone calls please.

The National Council for Science and the Environment has extended the application deadline for summer internships to April 10th. Please review the requirements here

<http://ncseonline.org/01about/cms.cfm?id=1144> or send an email to:

internships@ncseonline.org <mailto:internships@ncseonline.org> . More information is available on our website

<http://ncseonline.org/01about/cms.cfm?id=1144>.

Peter D. Saundry Ph.D.

Executive Director, National Council for Science and the Environment

1101 17th Street NW, Suite 250

Washington, DC 20036

202-207-0002 (office)

Damariscove Island Stewards (posted again 4.6)

Boothbay Region Land Trust

Deadline: extended- apply now!

The Boothbay Region Land Trust is seeking a pair of qualified island caretakers to help with the management and stewardship of Damariscove Island, a, nearly treeless island located five miles southeast of Boothbay Harbor. **CANDIDATES ARE ENCOURAGED TO APPLY AS A TEAM.**

The stewards live in a rustic cabin and will monitoring recreational activity, provide stewardship services, and educate island visitors about the island's cultural and natural history, the Boothbay Region Land Trust (BRLT), and The Nature Conservancy (TNC).

Qualified applicants must be self-reliant, able to live in isolated/primitive conditions, and must enjoy communicating with many types of people. Familiarity with Maine coastal flora, fauna and culture, and experience with equipment maintenance are important and helpful skills for the caretakers.

This is a 12-week seasonal position that will be shared by two people working closely together for the duration of the recreational boating season. Both individual and joint applications will be considered. Each caretaker will receive a small living stipend paid every two weeks.

For more information and application instructions please contact Nick Ullo, Lands & Stewardship at: nullo@bbrlt.org or visit our website at: www.bbrlt.org by **ASAP**.

JOBS FOR SENIORS

Organization: The Leadership Learning Community* (posted 4.6)

Position: Communications and Development Associate

Location: Oakland, California

* Website: <http://www.leadershiplearning.org/>*

Looking for Passionate Learners

Communications and Development Associate Position

***Job Summary*:** **The Leadership Learning Community is looking for a Communications and Development Associate.** The position will include the development and implementation of a communications marketing strategy for increasing LLC's brand and position in the field including a social media strategy for engaging new audiences. The person will also help to cultivate LLC's donor base, conduct donor research, write grants, implement donor systems, and develop membership strategies. In the first year the person will receive coaching from a marketing expert and development coaching from the Executive Director. The position will be equally divided between communications and development with advancement opportunities. Visit <http://hosting-source.bronto.com/697/public/Com-Dev-Associate2.pdf> for a full job description.

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