ES Newsletter, week of September 6, 2010

ON CAMPUS EVENTS

Coastal Studies Summer 2010 Fellowship Poster Session
Wednesday Sept 8th at 4:00 pm-5:00 pm
Morrell Lounge, Smith Union

Please stop by Morrell Lounge to meet the summer 2010 Coastal Studies Fellows, find out about their projects and enjoy some refreshments.

Summer Fellowship Art Show
Friday Sept 10th from 5:30-7pm
Visual Arts Center Fishbowl

Evan Farley ‘11 will be hosting an opening show of his summer fellowship work. It will be a good time to check out some art work and enjoy some light refreshments. Come stop by any time between 5:30-7:00 and feel free to bring your friends. Hope to see you all there!

Get Paid to Study Science
Wednesday Sept 15th at 7pm
Career Planning Center, Moulton Union

Join representatives from the Institute for Broadening Participation (IBP) to learn how to apply for and land summer internships and graduate fellowships in the life and physical sciences, mathematics, biomedical research, and computer science. These opportunities are perfect for Biology, Biochemistry, Chemistry, Computer Science, Earth and Oceanographic Studies, Environmental Studies, Mathematics, Neuroscience, Physics, and Psychology majors as well as those interested in the Health Professions.

This year the IBP returns to inform you about scholarships, fellowships, and internships funded by the National Science Foundation and NASA.

INTERNSHIPS, FELLOWSHIPS, AND VOLUNTEER OPPORTUNITIES

2010 Williams-Mystic Essay Contest in Honor of Joseph Conrad
Awarding a $500 prize, sponsored by the Maritime Studies Program of Williams College and Mystic Seaport
Application Deadline: October 15, 2010

The Essay: Submissions of either fiction or nonfiction should be between 1,000-5,000 words. Submissions may be about any topic and in any genre as long as the ocean or a major body of water is the primary setting or aspect of concern. The essay may be nature writing, environmental or political activism, literary or historic scholarship, or simply good storytelling. (Sorry, no collections
of poetry in 2010.) The submitted work must be in English and unpublished at the time of submission, though it may be under consideration. It may have been submitted for a course.

**Philosophy and History of the Prize:** Williams-Mystic and an anonymous donor wish to encourage writing about the world’s oceans or major water bodies. We wish to encourage promising writers to seize the opportunity, as part of their college career, to study about the sea, travel on the ocean, and live at Mystic Seaport: The Museum of America and the Sea, the largest maritime museum in the world. Joseph Conrad (1857-1924) was one of the greatest of our maritime authors. He wrote both fiction (*Typhoon*) and nonfiction (*The Mirror of the Sea*). Among other tall ships, Mystic Seaport owns and maintains the *Joseph Conrad* (1882) which is a historic ship that circumnavigated the world with young people.

**For More information, including eligibility requirements and submission guidelines, visit** www.williams.edu/williamsmystic, rk2@williams.edu

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**City Hall Fellows (posted 2/1)**

**Deadline:** March 10

City Hall Fellows is a non-partisan nonprofit training the next generation of leaders for America’s cities. Our 12-month, paid, post-college Fellowship integrates hands-on experience working within the highest levels of local government with intensive training in how cities work. For our next class, we will be placing cohorts of Fellows in 3 cities:

1. Houston, Texas
2. San Francisco, California
3. Baton Rouge, Louisiana
The Fellowship is open to students of ALL majors. I would appreciate it if you would let your top graduating students and recent alums know about this opportunity.

A detailed overview of the Fellowship, as well as application materials and instructions, are on our website, www.cityhallfellows.org. Applications for our next Fellowship Class are due March 10, 2010. The Fellowship year begins August 2, 2010 and runs through July 29, 2011.

Our staff, Fellows and alumni will be visiting campuses around the country over the next two months. We also will be hosting several free, live webinars for students we are unable to meet in person. All of these are posted on our schedule of events http://www.cityhallfellows.org/Application_Calendar.html

OFF CAMPUS EVENTS/JOB OPPORTUNITIES FOR GRADS

Deep Energy Retrofit chat
Thursday Sept 9th at 7pm
F.W. Horch Sustainable Goods and Supplies, 56 Maine Street, Brunswick

Al Heath purchased a duplex in Bath and has converted it to a super-efficient single family home with goal being to reduce the total energy load (heating and appliances) by seventy five percent. From basement to attic he restructured the entire envelope using a combination of techniques and materials that lend themselves to retrofit.

"You don't have to build a new house to have a super-efficient home, but you do need to follow basic rules of building science and not-so-common sense," says Heath. "Saving ten to twenty percent is fairly easy. Saving fifty to ninety percent is a much bigger challenge."

Heath's talk will provide a comprehensive overview of the energy retrofit process for those who choose to repair an old home rather than build a new one. The emphasis will be to demonstrate safe, affordable, effective, and available materials, techniques, and technologies that can help to transform your home from a high-cost energy waster into a low-cost energy superstar.

"Home energy usage is twenty two percent of the US carbon footprint -- twice that of private cars. A
deep energy retrofit home will not only save you money, but enhance comfort, improve indoor air quality, and increase re-sale value," advises Heath. "The time to act is now, before the next price hikes."

Heath is an energy auditor and consultant in Bath. Photos and more information are available online at www.ColdClimateHome.com. He can be reached at 522-4588 or al@coldclimatehome.com.

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.

**Share the Shad! Androscoggin River Alliance’s American Shad Restoration Rally**
**Friday Sept 10th at 3:30pm**
**Brunswick Commons Gazebo**

The Androscoggin River basin once supported an estimated 250,000 shad each spring!

When the first major dam was built on the head-of-tide in Brunswick and Topsham in 1807 nearly all anadromous fish species (including American shad) were blocked from their eons-old spring migrations up the mighty Androscoggin River. The Maine Department of Marine Resources (DMR) attempted to re-establish a population of American shad in the Androscoggin but, they are blocked from historic spawning habitat by the Brunswick/Topsham dam. The current fishway at that facility is not adequate; and actually harms the shad that attempt to climb their way to spawning grounds. That fishway de-scales the shad and most are bleeding from their head and mouth.

In an effort to build support for Maine’s DMR and U.S. Fish and Wildlife agencies to require a new fish-passage at the Brunswick/Topsham dam.

The ANDROSCOGGIN RIVER ALLIANCE will hold a RALLY down Brunswick's Maine Street to the Topsham Bridge. The rally's mascot is a 9.5 foot paper-mache American shad created by Portland artist, Chris Shaw.