

**ON CAMPUS EVENTS**

**“The New Amazon Map: Social Change, Climate Change and Globalization in the New World Tropics”**

Monday, April 13 4:00 pm  
Lancaster Lounge, Moulton Union

Susanna Hecht is a Professor of Urban Planning at UCLA and the author of many books including the influential *The Fate of the Forest*. Professor Hecht is a specialist on tropical development in Latin America, especially the Amazon Basin and Central America. As one of the founders of the analytic approach known as Political Ecology, Dr Hecht has been engaged in understanding the theoretical and institutional dynamics that underpin deforestation and its alternatives. Open to the public

**“Elisha Kent Kane: America’s First Arctic Explorer and Celebrity”**

Monday, April 13 7:00 pm  
Beam Classroom, VAC

Michael Robinson, is an Assistant Professor of History at Hillyer College, University of Hartford. Dr. Robinson will speak on the topic of Elisha Kent Kane, who as an Arctic explorer became a popular and highly visible figure in pre-Civil War America. Robinson will examine how Kane’s expeditions, despite their lack of success, fired up the American imagination and fueled the enterprise of Arctic exploration for decades to come.

Arctic exploration became a fad and fascination with Americans starting with Kane’s explorations in the 1850s and lasting past Robert Peary’s North Pole expedition of 1908-1909. Elisha Kent Kane was an unlikely Arctic hero. He joined the First Grinnell expedition as an assistant surgeon in 1851, and set off North a second time in search of John Franklin’s lost expedition in 1853. Trapped in ice, he led his party in an impressive escape from the Arctic, and returned to New York two years later as a celebrity.

Michael F. Robinson is author of *The Coldest Crucible: Arctic Exploration and American Culture*. He has curated an exhibit of the same name, based on the book, currently on view at the Portland Museum of Art. The exhibit includes maps, books, and other graphics to tell the story of Arctic exploration in the nineteenth century. *Coldest Crucible* runs until June 21, 2009.

**Green Jobs of the Future.**

Tuesday, April 14<sup>th</sup> 7:30 pm  
Main Lounge, Moulton Union

What is a "Green-Collar Specialist" and why has the U.S. News & World Report named it 1 of 13 "Ahead-of-the-Curve Careers"? What makes it "viable now and poised for future growth"? Please join us for a panel discussion on emerging trends in the “Green-Collar” Field.

Speakers Include:

Angus King

Bowdoin College Distinguished Lecturer

Mr. King served two terms as an independent Governor of Maine from 1995 to 2003. After leaving office, he became a distinguished lecturer at Bowdoin College in Brunswick, Maine and annually teaches a semester-long undergraduate course on leadership. He is a graduate of Dartmouth College and the University of Virginia School of Law.

Kate Dempsey '88 (Government, Sociology)

Senior Policy Advisor, The Nature Conservancy

Before working at The Nature Conservancy, Mrs. Dempsey spent three years as the Economic Development Director in the Office of Congressman Allen and six years as the District Director in the Office of Congressman Marty Meehan. Mrs. Dempsey received an MA in Urban and Environmental Policy at Tufts University.

Paul Gallay

President, Maine Coast Heritage Trust

Mr. Gallay spent eight years as the executive director of the Westchester Land Trust (WLT) in New York. Prior to his work at WLT, Mr. Gallay served as the Special Assistant to the Commissioner of the New York State Department of Environmental Conservation. Mr. Gallay is a graduate of Williams College, where he has taught as a Visiting Professor of Environmental Studies. He has a law degree from Columbia University.

Arthur Coviello

Board of Directors, EnerNOC

EnerNOC, Inc. is a leading developer and provider of clean and intelligent energy solutions to commercial, institutional, and industrial customers. Mr. Coviello, formerly the CEO of RSA Security, Inc. (RSA) has more than 30 years of strategic, operating and financial management experience in high technology companies. Mr. Coviello is a graduate of the University of Massachusetts, where he received his degree in Accounting.

Andy Price '96 (Physics/ES)

Senior Energy Analyst, Competitive Energy Solutions

Mr. Price is also a partner and founding member of Beaver Ridge Wind LLC, the company that developed, owns and operates a 3-turbine wind power project in the town of Freedom Maine. Prior to joining CES in 2001, Mr. Price worked for 3 years as a power and fuels consultant at MRW & Associates in Oakland California. Mr. Price earned a B.S. in Civil Engineering, Environmental & Water Studies Program from Stanford University.

A brief reception will follow.

**ECOSERVICE DAY**

Eco-Service Day 2009, which will be held on Saturday, April 18th, is a volunteer event where Bowdoin students volunteer for local non-profit organizations to help sustain our local natural resources. This year projects include trail and site clean-ups at the Cathance River Education Alliance, the Brunswick Topsham Land Trust, The Town of Brunswick Parks and Recreation Department, Bradbury Mountain State Park, The Coastal Studies Center, and the Bowdoin Organic Garden. Students will spend between the hours of 12:30 and 4:00pm working on-site for these organizations. If you are interested in volunteering for this event, please sign-up at the Info Desk in Smith Union. Eco-Service Day is sponsored by Sustainable Bowdoin, The Joseph McKeen Center for the Common Good, Environmental Studies, and the BOC.

**SUMMER INTERNSHIP AT BOWDOIN**

**[Summer research opportunity at Bowdoin studying Arctic global change \(posted 4.13\)](#)**

**Phil Camill, Director of Environmental Studies** and associate professor of Biology and Environmental Studies, is looking for 1-2 students to work at Bowdoin on an NSF-funded project studying the impacts of past climate change on wetlands and lakes in the subarctic regions of northern Manitoba. The position is for 10 weeks starting in June (starting dates flexible) and includes a stipend of \$4,000. Students are eligible to stay in campus housing during the summer. If you elect to live in campus housing, the College will cover the cost (\$600 for the summer) of your housing and you will not pay rent. Please note that even though you will not receive any part of the \$600 related to the cost of your campus housing, it may be taxable to you; see the enclosed document titled Student Fellowship Tax Information. Research fellows living off campus for the summer do not receive any housing support.

Research will involve lab analyses of peat and lake sediment cores to reconstruct fire and carbon accumulation dynamics over the past 8,000 years. If interested, Please contact Phil Camill at [pcamill@bowdoin.edu](mailto:pcamill@bowdoin.edu).

## **OFF CAMPUS EVENTS**

### **Architalx, Portland Museum of Art, 7 Congress Square, Portland (posted 4.13.09)**

Thursday, April 16 6:00 (sharp)

Tickets: \$8 on sale at 5:30 (seating is limited)

**Charles Walker**, Zaha Hadid Architects, London

[www.zaha-hadid.com](http://www.zaha-hadid.com)

Charles Walker is an architect and structural engineer whose expertise is the technical realisation of complex structures. He concentrates on the conceptual, procedural and physical relationship between form/structure/

materials. He helped the engineering offices Atelier build their reputation for innovative design engineering. He currently founded from-work projects and works for Zaha Hadid Architects.

## **SUMMER INTERNSHIPS/VOLUNTEER OPPORTUNITIES**

### **Unpaid Internship Opportunities at Conservation Law Foundation (posted 4.13.09)**

Volunteers, undergraduate and graduate student interns, are needed to work in a variety of capacities in CLF's advocacy centers located in Brunswick, Maine; Boston, Massachusetts; Concord, New Hampshire; Providence, Rhode Island; and Montpelier, Vermont.

For more information, see the website:

<http://www.clf.org/general/internal.asp?id=284>

### **Characterizing the State of Casco Bay and its Watershed (posted 4-13)**

The Casco Bay Estuary Partnership is one of 28 National Estuary Programs nationwide. Our mission is to protect and restore the water quality, and fish and wildlife habitat of the Casco Bay ecosystem, while ensuring compatible human uses.

Every five years, the partnership prepares a report summarizing knowledge of the environmental health of Casco Bay. Our next "State of the Bay" report is due in 2010. We are conducting preliminary work this summer (2009) in preparation for that report. We are seeking a motivated, organized undergraduate or graduate student with an interest in Maine's coastal environment to work with our existing staff on the project. The work will focus on identifying key information needs regarding the environmental health of Casco Bay, and working with a variety of local, federal and state organizations to locate, gather, organize and analyze data to address those needs. The intern will also be involved with drafting portions of the

Report. The topics involved range widely, from changing patterns of land use in southern Maine to concentrations of toxic pollutants in marine organisms.

The work calls for an individual with strong organizational and data analysis skills. Previous experience with preparation of technical graphics or Geographic Information Systems (GIS) would be highly beneficial.

Two previous “State of the Bay” reports (from the years 2000 and 2005) are available at our web site (<http://www.cascobay.usm.maine.edu/sotb.html>).

To apply, please submit a letter of application, resume and at least two references to: 2010 State of the Bay, Casco Bay Estuary Partnership, Wishcamper Center, 34 Bedford St., Portland, ME 04104-9300. For more information contact: [Curtis Bohlen](#) (207) 780-4820

**Casco Bay Estuary Partnership  
Sebago Chapter of Trout Unlimited  
2009 Fish Passage Barrier Survey Needs Seasonal Staff (posted 4-13)**

The Casco Bay watershed contains more than 2000 sites—culverts, bridges, dams, and so on – that may act as barriers to fish movement. That’s more than one for every mile of stream. Work elsewhere in Maine suggests that more than half of these sites are likely to prevent passage of fish completely; more than three quarters probably block movement of some fish some of the time. Fish passage barriers prevent anadromous fish – from alewives to Atlantic salmon – from reaching their historic spawning habitats. They also fragment habitat for native fish, reducing the ability of local streams to support wild populations.

We don’t know how many or which of the 2000+ potential fish passages in the Casco Bay watershed actually block movement of fish or create other problems for our streams. In 2009 and 2010, the Casco Bay Estuary Partnership will survey as many of these potential fish passage barriers as possible. The resulting data will be used to prioritize fish passage restoration projects throughout the watershed. We are seeking two summer employees to spearhead this survey effort. The work entails visiting potential fish passage barriers – mostly at road crossings –and evaluating them using Maine’s fish passage barrier survey protocols; performing data entry and data quality assurance tasks associated with the project; working with Trout Unlimited Volunteers; and related duties.

The Casco Bay Estuary Partnership will be working with the Sebago Chapter of Trout Unlimited to increase the number of sites we can survey. Seasonal staff will play a key role working with volunteers, providing training, and ensuring data quality. Work with volunteers will require some work on weekends.

To apply, please submit a letter of application, resume and at least two references to: Fish Passage Survey, Casco Bay Estuary Partnership, Wishcamper Center, 34 Bedford St., Portland, ME 04104-9300. For more information contact: [Curtis Bohlen](#) (207) 780-4820

**Summer Field Assistant Position Announcement (posted 4.13.09)**

VOLUNTEER FIELD ASSISTANT (1, maybe 2) needed for a Blackpoll warbler research project set in the beautiful White Mountains of New Hampshire. The objectives of this project are to understand the role migratory strategy plays in the ecology and physiology of boreal breeding songbirds (including the Blackpoll) and determining what role migration distance may play in population dynamics. No experience is necessary as all training will be provided. This is a great opportunity to learn songbird identification and observation techniques while gaining hands on field experience. You will become familiar with the daily lives of these elusive birds and ultimately discover their nests. Applicants are recommended to bring their own pair of

binoculars (8x42 or 10x42) though a pair may be provided if you do not own any. Applicants are required to have a passion for learning about birds and the natural world, a willingness to work long hours in the field in sometimes difficult conditions, and the patience to observe difficult-to-see species. Housing and some per diem food costs (depending on funding) will be covered by the project. This position may be ideal for undergraduates who are looking for undergraduate research experience if in the University of Maine program (BIO 387-8, 3 credits under the instruction of Dr. Rebecca Holberton) to satisfy a University of Maine Capstone project requirement. Credits can be earned during the summer and applied to the fall semester. The duration of the project is from 1 June – 1 Aug, though the actual start date depends upon snow-melt conditions. Workers would need to commit to at least 8 weeks during this period. Please send any questions about the project, as well as a resume, cover letter, and a list of names and contact information (email and phone number) for 3 people willing to serve as references to: EVAN ADAMS, Doctoral student, University of Maine, School of Biology and Ecology <evan.adams@maine.edu>. Positions will be filled as qualified applications are received.

### **EPA Office of Research and Development - RTP, Research Triangle Park (posted 4.13.09)**

To apply, submit a resume and cover letter indicating your interest in the position and a transcript of your college courses (unofficial copy is acceptable): email to [baynor.tammy@epa.gov](mailto:baynor.tammy@epa.gov); fax to 919-541-0160; or mail to USEPA, HRMD (C639-02), Research Triangle Park, North Carolina 27711, Attention: Tammy Baynor – NHEERL Summer Employment. It is very important that when you send your documentation you indicate NHEERL Summer Employment. Please specify your job preference in your cover letter and the location. Please review the descriptions for the jobs that the National Health and Environmental Effects Research Laboratory is recruiting for. Applications are due on **4/24/09**

### **JOBS FOR SENIORS**

#### **The Smithsonian Environmental Research Center Science Writer-Editor IS 9 (\$50,406 - 65,531 per annum plus benefits).**

Communicate Scientific Principles and Research Findings to Broad Audiences Using Written and Electronic Media Permanent, non-federal position.

Application deadline 25 April 2009.

Equal Opportunity Employer: Diversity of applicants is encouraged

Based at the Smithsonian Environmental Research Center (SERC) in Edgewater, MD, 26 miles east of Washington DC and 7 miles south of Annapolis at a modern laboratory and office complex on 2,650 acres of land on the western shoreline of Chesapeake Bay surrounding the Rhode River subestuary. SERC research, education and outreach focus on environmental processes and human impacts in linked ecosystems of the coastal zone.

Website: [www.serc.si.edu](http://www.serc.si.edu)

The Science Writer-Editor will author and publish a wide range of printed and electronic documents, including scholarly articles, newsletters, press releases, speeches, promotional brochures, displays, and exhibits, which translate scientific information and concepts for a broad audience. Duties will also include production of pictorial and graphic images for inclusion in these documents and promotion of SERC Research and education Programs through a wide spectrum of media outlets including traditional print and electronic sources. The Science Writer-Editor will assist in the maintenance and updating of SERC's Internet/Intranet web site and produce and maintain web pages using software applications. The position requires working with a team of scientists, educators, post-doctoral fellows, students, and visiting scientists as well as establishing and maintaining a portfolio of media contacts.

Desired Qualifications and Experience:

- Bachelors level training or equivalent experience in journalism and/or biological/environmental sciences.
- Demonstrated ability in writing, editing, and publishing hard copy and electronic documents that communicate scientific information to a broad audience.
- Prior successful experience working with media outlets and sources to produce press releases and feature articles for publication or presentation in print and electronic media.
- Knowledge of copyright, crediting, and permissions within standard publication practices.
- Experience with computer graphics, photo-editing, and document presentation.
- Knowledge of web authoring and management software to construct, maintain, monitor, and troubleshoot integrated websites.
- Ability to work as team member.
- Demonstrated initiative, independence and responsible maturity.

Applicants must:

1. Apply by 25 April 2009 to:

Email: [SERCSscienceWriter@si.edu](mailto:SERCSscienceWriter@si.edu)

Postal Mail: SERC Science Writer

Smithsonian Environmental Research Center

PO Box 28, 647 Contees Wharf Road

Edgewater, MD 21037 USA

2. Include a photo copy of college transcript and a resume that clearly describes your work experience, education and training as it relates to the duties of the position.

3. Include a Cover Letter that describes how your experience, education and training relate to the Desired Qualifications above.

For additional information about the Smithsonian Environmental Research Center, please see:

[www.serc.si.edu](http://www.serc.si.edu).

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