ON CAMPUS EVENTS

Teaching Info Session with Chera Reid, Director of the Institute for the Recruitment of Teachers
Tuesday, Feb 26, 4:30pm in the Russwurm African American Center

Interested in teaching at any level?

Founded in 1990, the IRT provides academic and individualized support to students (juniors, seniors, and college graduates) from diverse backgrounds who wish to attain graduate degrees in the following areas: the Humanities, Social Sciences, Education, and Mathematics. IRT participants are individuals who plan to pursue careers in teaching, counseling, and administration at both the K-12 and university levels.

The IRT sponsors two programs. The Summer Workshop is a four week program held on the campus of Phillips Academy in Andover, MA. IRT interns engage a graduate-level curriculum of critical and cultural theory, prepare for the GRE examination, and work on their statements of purpose. The workshop typically runs during the month of July. Interns are provided with room, board, and a $1200.00 stipend.

The Associate program is geared toward undergraduates who are otherwise engaged in summer research and/or study abroad activities and recent graduates. Participants in both programs are sponsored by the IRT as they apply to graduate schools in a consortium of 43 affiliated colleges and universities.

The application deadline is April 1st although IRT strongly encourages early applications.

For further information please visit the IRT webpage, http://www.andover.edu/irt and/or contact Please contact Elizabeth Muther (emuther@bowdoin.edu, x3543) or Gen Creedon (gcreedon@bowdoin.edu, x3272) for additional information.

Anna Schuleit CSC Open Studio
Saturday, Mar 1 3-5 pm at the Coastal Studies Center Terrestrial Lab

Anna Schuleit, CSC Artist in Residence, is holding an open studio to mark the end of her residency at the CSC. The public is invited.

FELLOWSHIPS AND SCHOLARSHIPS

Coastal and Marine Summer Research Fellowships and other Bowdoin fellowships

Consider applying for a Coastal or Marine research fellowship for summer 2008!

Please visit http://www.bowdoin.edu/academics/students/fellowships/undergraduate-fellowships.shtml to learn more about the many fellowship opportunities available to Bowdoin students and to access the application form. These fellowships – most of which
include a weekly stipend – are a wonderful way for you to delve deeply into a research area under the guidance of a faculty member. This experience can enhance an honors project and lead to future opportunities such as co-authoring a paper with your faculty mentor or presenting your findings at a professional meeting. Such experiences will serve you well, particularly if you are planning to pursue graduate study in the near future.

The **deadline for Coastal/Marine fellowships is noon on Monday, March 3**, a few other fellowship opportunities have a later deadline.

If you have questions regarding your project (e.g., scope, methodology, timing), please talk with your faculty mentor, for general questions, please contact Cindy Stocks, Director, Student Research and fellowships x 3607, cstocks@bowdoin.edu, or in the student research office, 108 Bannister Hall.

**OFF CAMPUS EVENTS**

**Brunswick Sustainability Group Meeting**  
Monday, Feb. 25th 7pm at Frontier Café, Fort Andross

The Brunswick Sustainability Group is an grassroots collaboration of community members, students, business owners, and activists who aim to bring the issues of the environment and sustainable living to the forefront of community discussion and action, for global benefit. Everyone is welcome to attend their monthly meeting.

**Mountainfilm on Tour**  
Friday Feb 29, 6 and 9pm or Sat Mar 1, 6 and 9 pm at Frontier Café, Fort Andross

*Mountainfilm on Tour* is dedicated to educating and inspiring audiences about issues that matter, cultures worth exploring, environments worth preserving, and conversations worth sustaining. *Mountainfilm on Tour* inspires us – it informs us; it challenges us; it makes us laugh; it even makes us cry; it makes us mad as hell and, above all, it shows us the power of film to change the world. In 2000, the Mountainfilm in Telluride festival embarked on a new journey – Mountainfilm on Tour. Each year, a selection of films from the international film festival are taken on the road to reach audiences who otherwise wouldn’t have a chance to experience the festival. Those films display themes of adventure, mountaineering, remarkable personalities and important environmental and social messages.

Two film programs offered on two dates. Each program includes 2 hours of film and 1/2hour intermission.

Tickets: Advanced ticket purchase highly recommended due to limited seating  
Adult: $12/program  
Student: $10/program  
Food/Beverage coupon included with each program. Raffles and giveaways.

**NEW POSTINGS:**

**JOBS – GRADUATING SENIORS**
**Contract for Environmental Monitoring Coordinator**

The Gulf of Maine Council on the Marine Environment (GOMC) invites applications from qualified individuals for a contract position as Environmental Monitoring Coordinator beginning immediately through September 30, 2008 (continuation beyond this date is funding dependent).

The Coordinator will provide technical, administrative, and logistical support to the Gulfwatch Contaminants Monitoring Subcommittee. The ideal candidate will possess scientific experience related to contaminant toxicology and/or fate monitoring, and data analysis and interpretation. He/she is creative and enthusiastic about working with many people around the Gulf to organize findings and reporting of contaminant monitoring. Writing skills are of paramount importance as are organizational skills, database management, statistical analysis, professional style, ability to speak to groups, and experience as a contractor.

For complete information, download the contract position announcement. **Applications must submitted no later than close of business on February 29, 2008**, using the online application forms at -

**Position Announcement and Application**

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**American Forest Foundation**

For graduating seniors looking for a job for next year or juniors looking for a summer internship:

The American Forest Foundation is in the process of expanding our team and implementing a new strategic plan in the wake of receiving an endowment grant of $150 million. We're specifically looking to add 3 more program coordinator positions, which is a great entry level job for folks interested in getting more hands on, programmatic experience in the conservation field. We are an education and conservation organization that focuses on promoting, supporting, and conserving forestland in the US. While based in D.C., we work primarily with private landowners across the country, who are critical to the protection of watershed health, wildlife diversity, etc. We operate through three "centers," the Center for Family Forests, the Center for Environmental Learning, and the Center for Conservation Solutions. Our programs range from forest certification for sustainable management, to environmental education curricula, to market based conservation incentive programs. We're looking for smart, engaged people seeking an opportunity to get a closer look at how conservation works and learn more about the issues and solutions facing the environmental community.

Any inquiries can either be directed to Margaret (Munny) Munford '07 at MMunford@forestfoundation.org or to Scott Smiley at ssmiley@forestfoundation.org.

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**JOBS – INTERNSHIPS**

**Internship for Undergraduates in Environmental Public Health**

**National Center for Environmental Health /Agency for Toxic Substances and Disease Registry (NCEH/ATSDR)**
This is a 10 week paid summer internship for undergraduate students passionate about the environment, about health, and about the link between the two. This opportunity is for students majoring in Environmental Sciences, Environmental Studies, or related fields.

CDC invites qualified applicants to apply for a ten week summer program in Environmental Public Health at the National Center for Environmental Health /Agency for Toxic Substances and Disease Registry (NCEH/ATSDR) in Atlanta, Georgia. This is a full time summer opportunity for rising collegiate juniors and seniors to get real-world experience in Environmental Public Health activities at the federal level. Students will assist with projects and be paired with mentors to gain experience in the fascinating field of Environmental Public Health. Students that are majoring in Environmental Sciences/Studies or related fields are encouraged to visit our website at http://www.cdc.gov/nceh/cleh/default.htm

Stipend: $500 per week
Deadline for application: March 4, 2008
Program dates: June 4-August 8, 2008

PREVIOUS POSTINGS:

JOBS – GRADUATING SENIORS

Graduate Research Assistantship in Human Dimensions of Watershed Management
Department of Forestry at Southern Illinois University Carbondale (SIUC)
Posted September 26, 2007

A M.S. level graduate research assistantship is available beginning fall 2008 in the Department of Forestry at Southern Illinois University Carbondale (SIUC). Students with an interest in natural resource issues within the context of community development and community capacity are strongly encouraged to apply. The Department of Forestry offers graduate students an interdisciplinary learning experience in natural and social sciences, including fields such as land use planning, watershed management, forest recreation and community-based conservation.

Project Title: Evaluating Watershed Health Risks through Integrated Water Quality Analyses, Community Capacity Assessments, and Outreach Appraisals

Project Description: This project is an interdisciplinary investigation of water quality and community capacity for planning and conservation with the overall goal of evaluating and communicating watershed and community health risks in eight subwatershed communities. Research questions include,

What is the capacity of urban and rural communities in the subwatersheds to engage in watershed planning and adopt comprehensive conservation strategies?

What capacity indicators are most strongly correlated with positive ecological, economic, and social outcomes?

What barriers or constraints to coordinated planning and cooperative conservation exist?

Specifically the student will join a collaborative team of scientists to conduct community capacity assessments in two urban and six rural subwatersheds in the Lower Kaskaskia River of southern Illinois. Community capacity indicators will be examined including community
leadership, institutional support, community resources, social cohesion, shared vision, and collective action. Specific tasks are to: (1) conduct a literature review, (2) assist with the development of the survey questionnaire for the communities within the watersheds, (3) assist with the administration and management of the mail survey and quantitative data (4) assist with quantitative data analyses and communicate study findings to the research team, community stakeholders, and other scientists.

The graduate research assistant will work with a team of researchers including social and watershed scientists from SIUC and Illinois State University. The team is also currently recruiting one Ph.D. level graduate research assistant on this project.

If you are interested, please contact:

Dr. Erin Seekamp  
Department of Forestry  
Southern Illinois University  
1205 Lincoln Dr., MC 4411  
Carbondale, IL 62901  
Phone: (618) 453-7463  
Email: eseekamp@siu.edu

Students are urged to apply as soon as possible. Minority students are encouraged to apply.

For information about Southern Illinois University Carbondale, visit http://www.siuc.edu/  
For information about the Department of Forestry, visit http://www.coas.siu.edu/

JOBS – INTERNSHIPS
Fish Passage Intern  
Chesapeake Research Consortium-NOAA Chesapeake Bay Office

The Chesapeake Research Consortium, the NOAA Chesapeake Bay Office (NCBO) Habitat Program, and the NOAA Restoration Center, in cooperation with the Maryland Department of Natural Resources (DNR) Fish Passage Program, seek a Summer Intern for the period late May through mid- to late August to assist with a fish blockage/dam removal prioritization effort in the Maryland portion of the Chesapeake Bay. The primary responsibilities will involve assisting the NOAA Restoration Center and DNR Fish Passage Coordinators with fish passage sampling in subwatersheds of the Potomac and Patuxent Rivers. Other duties will include documenting the presence and/or absence of anadromous fish in MD streams; identifying and photo-documenting fish blockages; collecting field data for the fish passage prioritization database; and entering data using MS Excel and/or ArcView GIS.

Applicants should have completed sixty credit hours from an accredited college or university, with a minimum of 18 credits in biology, biochemistry, environmental science, forest technology, arboriculture, aquaculture, natural science, natural resources management, botany, marine biology, marine ecology, physical oceanography, ichthyology, fisheries management, wildlife management, zoology, engineering, or a natural resources management related field of study. Preference will be given to candidates with experience in fish identification and life history. Ideal candidates must be able to work independently with minimal supervision in potentially harsh field conditions (e.g., biting insects, summer heat and humidity, long hours, etc.). Candidates with experience in ArcView, Microsoft Excel,
GPS units, and fish sampling devices (including beach-seines, cast nets, and fyke nets) preferred.

The Intern will work at NCBO in Eastport, MD; access to computers, copiers, and phone services for the position will be provided. The person must be a US citizen and will be reimbursed at the end of each month, for a total of up to $2500 for the equivalent of eight weeks of full time activities (320 hours). The hours will be variable due to the nature of field work. Candidate should be flexible as plans may change due to weather. No benefits or vacation reimbursements will be provided. The candidate must have transportation to and from field sites.

Please submit a short cover letter, résumé, and two references (phone numbers and e-mails) to Dr. Kevin Sellner, CRC, 645 Contees Wharf Road, Edgewater, MD 21037 by April 1, 2008.

**Education Intern**
Chesapeake Research Consortium-NOAA Chesapeake Bay Office

The Chesapeake Research Consortium and the NOAA Chesapeake Bay Office (NCBO) seek a Summer Education Intern to be stationed with NOAA@Nauticus in Norfolk, Virginia for the period of June 30th through July 25th (four weeks). The intern will primarily assist with NOAA Summer Science camps at Nauticus and at the Virginia Institute of Marine Science. Other duties may include participation in local outreach events and staffing the NOAA Education Resource Center at Nauticus. An ideal candidate would have experience with educational programming (elementary or middle school level), but it is not required. The candidate should be a self-starter with excellent written and verbal skills.

The Intern will work at Nauticus in Norfolk; access to computers, copiers, and phone services for the position will be provided. The person must be a US citizen and will be reimbursed at the end of each month, for a total of up to $1250 for the equivalent of four weeks of full-time activities (160 hours). No benefits or vacation reimbursements will be provided.

Please submit a short cover letter, résumé, and two references (phone numbers and e-mails) to Dr. Kevin Sellner, CRC, 645 Contees Wharf Road, Edgewater, MD 21037 by 1 April 2008.

**Field Intern**
Chesapeake Research Consortium-NOAA Chesapeake Bay Office

The Chesapeake Research Consortium and the NOAA Chesapeake Bay Office (NCBO) Education Program seek a Summer Intern for the period late May through late August (12 weeks). The intern will work on habitat mapping and characterization using SONAR and remote-sensing technology as well as supporting the logistical and technical aspects of the Chesapeake Bay Interpretive Buoy System (CBIBS, www.buoybay.org).

Habitat mapping and characterization will involve ground-truthing operations with direct sampling methods using remotely operated vehicles (ROVs), underwater video, and drop cameras. The position also entails living resource sampling and a monitoring component
including fisheries and invertebrate sampling on reef and shoreline habitats. Some data entry, literature review, and other administrative tasks will also be assigned as needed.

The CBIBS component of the position would include maintenance, preparation, and calibration of sensors and buoys; field service visits to buoys; web-based work on quality control and validation of data; and CBIBS product and application development. An interest and/or background in technology is desirable. More information about CBIBS can be obtained through the link, www.buoybay.org.

The Intern will work at NCBO in Eastport, MD; access to computers, copiers, and phone services for the position will be provided. The person must be a US citizen and will be reimbursed at the end of each month, for a total of up to $3750 for the equivalent of twelve weeks of full time activities (480 hours). The hours will be variable due to the nature of field work. Candidate should be flexible as plans may change due to weather. No benefits or vacation reimbursements will be provided.

Please submit a short cover letter, resumé, and two references (phone numbers and e-mails) to Dr. Kevin Sellner, CRC, 645 Contees Wharf Road, Edgewater, MD 21037 by 1 April 2008.

**Marshall Island Stewards (two, short-term, full-time position)**

**CANDIDATES MUST APPLY AS A TEAM**

**Supervisor:** MDI Regional Steward  
**Timing:** June 16 through September 5, 2008  
**Location:** Ed Woodsum Preserve - Marshall Island, Maine

**Summary of Position:**

The stewards will live and work as a team on Marshall Island, a 1000-acre undeveloped, mainly forested island off the Maine coast. Marshall Island is located about seven miles southeast of Stonington, nine miles southwest of Mount Desert Island, and one mile south of Swans Island. The island is owned and conserved by Maine Coast Heritage Trust and is used by local people and folks cruising the coast for picnicking, hiking and exploring. There is currently an 8 mile trail network which will be expanded by 3 miles this summer. We will also be adding up to 3 public campsites in 2008. The areas around a resident pair of nesting bald eagles and a private 10 acre lease area are off-limits to the public.

The stewards will camp in tents provided by MCHT and are responsible for maintaining trails, monitoring and recording public use patterns, studying roosting and feeding patterns of the eagles and other wildlife, assisting with trail and campsite maintenance, setting up biological monitoring protocols, providing visitors with information about Maine Coast Heritage Trust and the island’s cultural and natural history, maintaining communication with the local community, and ensuring that visitors respect preserve guidelines and the private leased areas. The stewards will also be responsible for maintenance and operation of an 18’ motorboat and must be experienced with boat handling. The stewards have to be self-reliant, able to live in isolated/primitive conditions, and must enjoy communicating with a variety of people. Familiarity with Maine coastal flora, fauna and culture, the ability to collect data, and experience with equipment maintenance are
important and helpful skills for the stewards. Stewards ideally would spend 5 days on the island followed by 2 days off the island and weekends must be spent on the island.

SPECIFIC TASKS:

(1) Ensure preserve use guidelines are respected and the island's natural features are undisturbed.
(2) Maintain signs, trails, campsites, interpretive materials, and other structures and equipment for visitor use.
(3) Monitor use of the island, greet visitors when appropriate, respond to questions, and offer information about the island's cultural and natural history and the Maine Coast Heritage Trust.
(4) Monitor eagle use of feeding and roosting areas.
(5) Work with MCHT staff to establish protocols for biological monitoring and for monitoring public use impacts. Assist in collecting data for ongoing scientific studies, if applicable.
(6) Keep daily log of activities and preserve use.
(7) Assist MCHT staff when organized groups visit island.
(8) Report to the Regional Steward on a daily basis throughout the summer, and submit a summary report about seasonal activities, events and conditions on the preserve by September 15, 2008 (electronic and hard copies).

LIVING CONDITIONS:

Housing will consist of tents. Cooking facilities will be simple. There is no running water and drinking water is hauled from the mainland. Stewards will have the use of an 18’ Lund for the season, with backup support from the Regional Steward who is based on Mount Desert Island.

REQUIRED SKILLS:
- Familiarity with coastal Maine flora, fauna, and culture.
- Experience handling outboard boats and navigation skills.
- Experience with chainsaws and other trail maintenance equipment.
- Attention to detail, in particular with data collection and equipment maintenance.
- Self-reliance and ability to work independently.
- Willingness to live in primitive and isolated conditions and experience camping.
- Interest in meeting and talking with a wide variety of people.
- Courtesy, tact, good judgment, good humor and patience.

SALARY: Each person will earn $10.00/hour, based on a 40 hour work week and paid on the 15th and last day of each month, subject to required withholdings. As short-term employees, you will be entitled to legally required benefits, i.e., Worker’s Compensation and Social Security (housing and boat transportation provided). This is short-term, full-time, 40-hour week, 12-week employment for each person. Work-related travel will be reimbursed at $.50 per mile.

** Note: Must have your own land transportation and housing.

Send cover letter, resume and references by March 1, 2008 to:
Maine Coast Heritage Trust Stewardship Crew

Maine Coast Heritage Trust (MCHT) is looking for a crew leader and two crew members who will work on many of the Trust’s 70 mainland and island preserves over the summer months. Work will include trail clearing, trail improvement (including building steps and erosion control structures), boundary marking, painting of structures, basic carpentry, and vegetation control (brush saw work, clipping, etc.) Although not directly responsible for public education, the crew will be representing MCHT and will be expected to interact positively with the public when there is an opportunity. The crew will move frequently, although will occasionally work on the same site for more than one week.

Accommodations for the crew will vary, depending on location. There will be cabins at some sites, other sites will require camping. Days will be long and days off will be clustered (possibly 8 on, 4 off). Some basic gear will be provided.

Some personal work gear, camping equipment, and mainland transportation will be needed. Boat transportation will be provided to island sites.

SUMMARY OF POSITIONS

Crew Leader

The MCHT Stewardship Crew Leader will supervise and work with a team of two additional crew members on different MCHT preserves along the Maine coast. The Crew Leader will be supervised by MCHT Regional Stewards, but will work autonomously much of the time. He/She will start two weeks before the crew to become familiar with the work sites and scope of work. The ability to coordinate tasks, accommodate changes due to weather and supervise others will be very important. Basic orientation to the work and to MCHT will be provided, but the Leader will be expected to have the following skills:

1. Good written and verbal communications and interpersonal skills.
2. Experience operating and maintaining the following equipment: chain saw, brush saw, GPS, map and compass.
3. Experience camping, setting up camp and allocating camp tasks.
4. Experience working in the field, alone and with others.
5. Trail building experience and knowledge.
6. Basic carpentry and painting skills.
7. The ability to motivate others.
8. Good sense of humor when the weather is bad and the bugs are biting.
9. Applicants must be 18 years or older and have experience working with a similar crew.
10. Valid Driver’s license and use of a vehicle.
SALARY: The Crew Leader will be paid $15/hour on a bi-weekly basis subject to required withholdings. As a short-term employee, you will be entitled to legally required benefits, i.e., Worker’s Compensation and Social Security (housing and boat transportation provided). This is a short-term, full-time, 40-hour week, 14-week employment from mid-May through August. Work-related travel will be reimbursed at $.50 per mile.

Crew Members
The two crew members will work with and be supervised by the Crew Leader. The schedule of work will depend somewhat on weather, but will generally involve outdoor work at sites spread along the coast from Penobscot Bay to Lubec. The crew will need to be able to work and live together in the field.

The following skills are needed for crew members:
1. Experience working in the field and camping.
2. Comfort level staying in remote areas.
3. Ability to travel on the water.
4. Ability and desire to perform hard physical work.
5. Experience with some or all of the following tools: chain saw, brush saw, compass, GPS.
6. Ability to work and live in all (summer) weather conditions.
7. Basic carpentry skills.
8. Good sense of humor.
9. Must be 18 years old or older.

SALARY: The Crew Members will be paid $12/hour on a bi-weekly basis subject to required withholdings. As short-term employees, you will be entitled to legally required benefits, i.e., Worker’s Compensation and Social Security (housing and boat transportation provided). This is a short-term, full-time, 40-hour week, 12-week employment from through early June through August. Work-related travel will be reimbursed at $.50 per mile.

** Note: Must have your own land transportation. Crew is encouraged to drive together to sites.

Send a cover letter, resume and references by March 1, 2008 to:
Peg Adams at: padams@mcht.org
OR
Maine Coast Heritage Trust
One Bowdoin Mill Island, Suite 201
Topsham, ME 04086
207-729-7366

MAINE COAST HERITAGE TRUST IS AN EQUAL OPPORTUNITY EMPLOYER

OTHER OPPORTUNITIES

Northeast Energy Efficiency Partnerships (NEEP) invites Bowdoin College to nominate students to attend a major Business Leader’s summit scheduled for May 22, 2008 at the
Marriott Hartford Hotel. In 2007 this unique regional forum brought together nearly 300 policymakers, efficiency service providers and business leaders from nine states across the Northeast region to demonstrate the progress and benefits of energy efficiency. Students who attend will have an opportunity to:

- Meet with the business leaders nominated to be recognized for their leadership in advancing and achieve energy savings through investment in cost effective efficiency measures at a special breakfast session
- Be introduced at lunch with a short note about work that they are currently doing that effects the way energy is produced or consumed
- Post and distribute resumes or research proposals looking for underwriters
- Attend a reception that will feature an exhibition of energy efficiency solutions
- Attend the conference and the Business Leaders dinner

All fees are waived for attending this Summit meeting. This is an outstanding opportunity for students in many disciplines including such areas as law, sociology, economics, political science, history, science and engineering fields, to discover job paths that have an intersection with their field of study and one of the most pressing problems of our time, energy.

This event offers a unique opportunity for students who are close to graduating or picking a research topic to interact with the leaders in this area. For more information contact Cara Lee (Sam) MAhany Braithwait at 1-888-332-8258, Samb@caenergy.com or visit the NEEP website at: http://www.neep.org/conference/2008/scholarships.html