

**Environmental Studies Newsletter**  
**For The Week of April 23, 2007**

**\*\*ON CAMPUS EVENTS\*\***

**The Northern Spotted Owl and the Endangered Species Act**

Monday, April 23 4:00 pm  
Druckenmiller 20

The Northern Spotted Owl (*Strix occidentalis caurina*) was Federally listed as a threatened species in 1992. An iconic species of our nation's Pacific Northwest old growth forests, the spotted owl is perhaps the most studied raptor species in the world. Currently, the U.S. Fish and Wildlife Service is preparing a recovery plan for the spotted owl. While the old threat of habitat loss is still present, in the opinion of many scientists it has been surpassed by the increasing threat of competition from Barred Owls (*Strix varia*), an East Coast native species that has expanded its range westward.

What is the status of the spotted owl and how might it be recovered given the current assemblage of threats? Is the American public willing to support the necessary recovery actions?

Dr. Phifer will use the draft spotted owl recovery plan as a case study to discuss the listing and delisting (i.e., recovery) processes of the Endangered Species Act, which involve the interplay of science and social risk tolerance. He will also discuss the wicked problem presented by the Barred Owl threat.

Paul Phifer has been a biologist with the U.S. Fish and Wildlife Service's Pacific region for the past 6 years. Currently, he is the Program Manager for the Northern Spotted Owl Recovery Plan. His previous work has involved the Northwest Forest Plan, the Marbled Murrelet, fisher, and lynx. Before working for the Service, Dr. Phifer was a negotiator with the U.S. Department of State on environmental treaties related to invasive species and the trade of genetically modified organisms. Dr. Phifer holds a Ph.D. in conservation biology from the University of Minnesota and spent a year studying the effects of mercury on Common Loons in western Maine.

**The Role of Forests in Achieving Carbon Neutrality**

Tuesday, April 24 7:00 PM  
ES Common Room, Adams Hall

Alec Giffen, Director of the Maine Forest Service, will outline the potential role of forests and forest products in addressing global warming, and discuss research and policy initiatives in Maine. He has a Master of Science degree from the University of California, with emphasis in ecology; and a Bachelor of Science degree in Forest Science from the University of Maine.

**\*\*HOLD THE DATE\*\***

**Islands of Desire~ Islands of Fear**

Tuesday, May 1 4:00 pm  
Searles Hall, Room 315

John R. Gillis, Professor Emeritus of History, Rutgers University, author of *Islands of the Mind: How the Human Imagination Created the Atlantic World*

For centuries islands have been imagined as both paradise and hell. As objects of desire and landscapes of dread, they have been important agents in history. Today, islands of desire are vital to the tourist industry, while prison islands function in a global landscape of intimidation. John Gillis will explore the changing meaning of islands from the fifteenth century to the present.

John Gillis lives in Berkeley, California and spends his summers on Great Gott Island off the coast of Maine. As a social and cultural historian of both Europe and America, he has worked on a variety of topics, including age relations, memory, family cultures, and commemoration. Recently he has turned his attention to historical cultural geography, writing *Islands of the Mind*, a study of western isomania. He is now researching the history of coasts and how their meaning has been transformed by global change in recent centuries.

This lecture is free and open to the public.

### **Chrysalis, Maria Sibylla Merian and the Secrets of Metamorphosis**

Wed. May 2 7:00 pm  
Cram Alumni Barn

Kim Todd will speak about her book, *Chrysalis, Maria Sibylla Merian and the Secrets of Metamorphosis*, which tells the unknown story of a seventeenth-century naturalist and artist whose pioneering field studies of insects in South America helped lay the groundwork for modern-day ecology. Merian's biography is interwoven with the tale of how notions about metamorphosis developed through time.

Merian, trained as an artist in Frankfurt, Germany, found herself drawn to the mysteries of insect metamorphosis at an early age. By 50, she had written two books detailing the life histories of hundreds of European species. Wanting to investigate the South American specimens in collector's cabinets alive and in their natural habitats, she decided to travel to Surinam in 1699 with only her daughter for company. Her careful observations of iridescent blue morpho butterflies and giant cockroaches offered views into the tropical insect world that no one else had seen. But her accomplishments were mostly dismissed and then forgotten in the nineteenth century when scientists feared they would be discredited if they built on the work of "amateurs," particularly women.

Todd is a widely published science writer whose work has appeared in *Sierra Magazine*, *Orion*, *Legal Affairs*, and *Grist Magazine*. Todd's first book, *Tinkering with Eden: A Natural History of Exotics in America* (New York: W.W. Norton & Co. 2001), a study of the biological and social effects of invasive species, won the PEN/Jerard Fund Award and the Sigurd Olson Nature Writing Award. A graduate of Yale University and the University of Montana, Todd has degrees in environmental studies and creative writing.

**\*\*OFF CAMPUS EVENTS\*\***

### **ARCHITALX COMMUNITY DISCUSSION GROUP, 2007**

Thursday, May 3 6:30  
One Longfellow Square, Portland

How do we encourage successful contemporary design that integrates with and complements an existing, historic built environment? The intent of this event is to create a roadmap that navigates the existing obstacles to innovative design in Portland. Those obstacles include: site conditions, financial return, political climate, social demands, and aesthetic consideration.

Please join us Thursday, May 3 at 6:30 pm at One Longfellow Square (formerly the Center for Cultural Exchange) to explore the development opportunities of the 'Geno's site' on 627-629 Congress Street between the Burnham Arms and the Baxter Library building. This site has been chosen as a conceptual exercise only and is intended to coincide with the Architalx Lost Sites competition. Food and beverages will be served. An exhibition of competition entries for this site and others is being exhibited at the Aucocisco Gallery through April 30, 2007.

Please reply if you are interested in attending. There will also be a sign-up list at each Architalx lecture located at the tables outside the auditorium.  
I hope to see you there!

Will Gatchell, Community Discussion Group Director  
207.772.4656 e-mail: will@simonsarchitects.com

### **\*\*INTERNSHIPS, FELLOWSHIPS AND SUMMER EMPLOYMENT\*\***

#### **Maine Wetlands Research Stipend (MAWS)**

This year one or two wetland research stipends of up to \$1,000 are being offered to students actively enrolled in a degree program related to wetland science. If interested, please contact Rosie by e-mail at [armstro@bowdoin.edu](mailto:armstro@bowdoin.edu) for the application form. Members of MAWS Executive Committee will review applicants' Proposals/Abstracts and award the stipend(s) in June of 2007. The selected students are required to give a presentation on the outcome or progress of the research of the research project at a MAWS annual membership meeting, usually held in March, within one-year of receiving the stipend. The winner(s) will receive free attendance at the annual meeting, and reimbursement of travel expenses subject to approval. Proposals must be submitted to the address on the application form by May 25, 2007. Content of the application includes: \* a concise statement of research objectives \* method(s) by which objectives are to be accomplished \* significance of the research \* what the expected results are and how this work will enhance our understanding of Maine's wetlands; and \* purpose(s) for which the stipend will be used. For more information, call 207-799-5855, or e-mail: [lleclerc@boyleassociates.net](mailto:lleclerc@boyleassociates.net)

#### **Internships/Jobs and other opportunities via Orion Grassroots Network**

Please use the link below to check out numerous jobs, internships and other opportunities posted on the Orion Grassroots Network. All positions listed are offered by Orion Network members.

<http://www.oriononline.org/pages/ogn/ics.cfm>

#### **Interns for the Audubon Center of the North Woods**

The Audubon Center of the North Woods is a non-profit environmental education center located in east-central Minnesota. Among Minnesota EE organizations, we are the leader in renewable energy and raptor (birds of prey) education. We are currently recruiting interns for the 2007-2008 school year. Attached you will find a copy of our recruitment brochure. Please feel free to pass it on to any relevant and/or interested departments of

your college or university. Also, please feel free to contact me at any time if you have any questions, or to request more information.

Leah Holloway, Intern Facilitator  
Audubon Center of the North Woods  
PO Box 530 (54165 Audubon Dr)  
Sandstone, MN 55072  
(320) 245-2648  
<http://www.audubon-center.org>

**Position Announcement: Research Intern – Potomac Conservancy  
Summer 2007**

Potomac Conservancy, a Silver Spring, MD-based nonprofit, seeks an upper level undergraduate or a graduate student with a strong background in environmental science and land use policy to undertake a research project on the health of the Potomac watershed. The Research Intern will answer questions essential to understanding the health of the watershed. Research will focus on existing data to paint a full picture of watershed health. The outcome of this research will be a report on the health of the watershed, with emphasis on the trends as they relate to several key indicators of watershed health. These may include, land use, forest and agriculture trends, population trends, policy effectiveness, conservation program impacts. Stipend possible.

Qualifications: Graduate student in public/environmental policy, environmental science, natural resources, or related field preferred. Upper-level undergraduates considered. Excellent research and writing skills required. Interest in watershed issues, especially the Potomac River. Understanding of Chesapeake Bay goals and existing watershed conservation programs. Strong willingness to work independently and creatively.

To apply: Send cover letter, resume, and writing sample to:

Kevin Mack, Vice President for Conservation, 8601 Georgia Avenue, Suite 612  
Silver Spring, MD 20815  
[Mack@potomac.org](mailto:Mack@potomac.org)

**Center for Clean Air Policy- Researcher assistance**  
Washington DC

The Center for Clean Air Policy (CCAP) is expanding its capacity to contribute to climate policy solutions over the coming years. We are currently seeking new staff members from the Research Assistant level through the Policy Analyst level to play key roles in its domestic and international policy programs. See our website at [www.ccap.org](http://www.ccap.org) for detailed program information. Most positions will be based at CCAP HQ in Washington DC.

Ideal candidates will have a minimum of a BA/BS (Research Assistants). Qualifications for the specific Research Assistant, Policy Associate or Policy Analyst roles will depend on, among other factors, the level of related experience and educational background.

Interested candidates should forward all of the following: (1) a resume; (2) cover letter stating the position that interests you along with your salary requirements; and (3) a short writing sample, to: Email: [recruitment@ccap.org](mailto:recruitment@ccap.org). For more info check out, [www.ccap.org](http://www.ccap.org).

### **Natural Resources Defense Council- California Smart Growth/Location Efficiency Advocate**

San Francisco

The Energy Program focuses on curbing global warming by advancing sustainable energy solutions such as energy efficiency, location efficiency, renewable energy, cleaner vehicles, and renewable fuels. The Advocate will be an integral part of the Energy Program's team advocating effective policies to implement California's package of landmark bills to curb global warming, including the Global Warming Solutions Act of 2006 (AB32), in a manner that cuts emissions while providing economic and environmental benefits to California.

Send resume, writing sample, and cover letter with salary requirements by April 18<sup>th</sup> to [hr\\_sf@nrdc.org](mailto:hr_sf@nrdc.org) with subject: Smart Growth. Check Out, [www.nrdc.org](http://www.nrdc.org)

### **Environmental Career Opportunities**

Newsletter for April 3, 2007 - for Subscribers Only

The #1 Source of Job Vacancies in the Environmental Field serving jobseekers and employers for over fifteen years!

To read Environmental Career Opportunities April 3, 2007 issue on-line, click: [http://www.ecojobs.com/login\\_subs.php](http://www.ecojobs.com/login_subs.php).

Once there, type in your user ID: bowdoin  
and your password: cpc

**\*\*OPPORTUNITIES FOR GRADUATES\*\***

### **Internship Posting**

**New Mexico Museum of Natural History and Science**

**Sandia Mountain Natural History Center Contract Teacher**

Deadline for Application: June 17

Museum Department: Education

Location : Sandia Mountain Natural History Center, Cedar Crest, NM

Supervisor and Title: Paul Mauermann, SMNHC Manager

Jessica Sapunar- Jursich, Family Programs Coordinator

Job Description: Teacher, Naturalist

Duties: Lead 3-5 hour environmental education programs for 25 5th grade students, assist full time staff with designing and building exhibits, designing and writing curriculum and

activities, light building and trail maintenance, staff Saturday “Public Days” once a month, other projects as assigned. Provide a security presence at SMNHC by living on site. Work for the Young Explorers Summer Science Camp program during June and July: co-teaching developed camp curriculum with other camp instructors, supervising 13 campers during both field and museum activities, responsible for field equipment and supplies, driving a 15 passenger van

Qualifications Required: Bachelors Degree in Environmental Studies, Education, Biology, Ecology or other applicable area.

Conditions of Employment: Must live on site. Desire to work with youth in the outdoors, ability to do physical labor and hikes at elevations of 7,000+ feet, working knowledge of Spanish desirable, some overnight travel and weekend work, be or become CPR and First Aid Certified, completion of a Defensive Driving course and van training course, attendance at and participation in camp curriculum training days in early June, authorization of a Department of Public Safety Criminal Background Check and satisfactory result

Start mid August, 40 hours a week, approximately 40 weeks. Summer hours - Work seven weeks during June and July with 4th of July week off. 42.5 hours a week.

Paid: \$7.50 per hour

Housing and utilities. 40-hour work week – 8am to 4:30pm

Gain great teaching experience, including NMMNHS training and continuing education

Free admission to NMMNHS & programs

Summer pay \$510 a week (\$12 per hour)

Application Procedure: Please send one page cover letter, resume, and names and phone numbers and/or email addresses of three references to:

Paul Mauermann, New Mexico Museum of Natural History and Science, 1801 Mountain Road NW, Albuquerque, New Mexico 87104 [paul.mauermann@nmmnh.state.nm.us](mailto:paul.mauermann@nmmnh.state.nm.us)  
fax: 505.286.5433, phone: 505.281-5259

### **Environmental Defense- Development Assistant**

Oakland, CA

This would be good for anyone interested in development work in the nonprofit/environmental field or for anyone who just wants to move to California. Thomas Elson '06 would be happy to serve as a contact if anyone is interested. Check Out the website for more interest, <http://www.environmentaldefense.org/page.cfm?tagid=371&jobID=232>

Thomas Elson, Program Associate  
Environmental Defense  
E-mail [telson@environmentaldefense.org](mailto:telson@environmentaldefense.org)  
(212) 616-1233

**\*\*AWARDS\*\***

**Earth Island Institute: Accepting Applications for Brower Youth Award  
Deadline: May 15, 2007**

A program of the Earth Island Institute, the Brower Youth Award is an annual national award recognizing six young people for their outstanding activism and achievements in the fields of environmental and social justice advocacy. The awards recognize young people between the ages of 13 and 22 living in North America. For complete award information, visit:  
<http://www.broweryouthawards.org/article.php?list=type&type=12>.

**Gleitsman Foundation: Invites Nomination for 2008 Citizen Activist Award  
Deadline: November 2, 2007**

The Gleitsman Foundation encourages individual commitment and leadership by recognizing the exceptional achievement of those who have initiated positive social change. The foundation seeks to honor those individuals whose vision and courage inspire others to join with them in confronting and challenging injustice. For complete information, visit:  
<http://www.gleitsman.org/citForm.html>.

**\*\*OFF CAMPUS STUDY OPPORTUNITES\*\***

**Organization: Boston Architectural College  
Opportunity: Sustainability online courses**

Our online courses are available completely online, and are open to those interested in sustainability, regardless of professional background or previous knowledge. We are making education about sustainable design available to anyone, at any time, and any place. The courses have been developed in partnership with BuildingGreen, Inc.

We are proud to announce that a number of our courses have been accepted in the USGBC's Education Providers Pilot Program as the "highest-quality, most current programs from proven green building leaders." Please visit the USGBC's website for more information:  
<http://www.usgbc.org/DisplayPage.aspx?CMSPageID=1527&>

Please visit our website to find course descriptions, our instructor bios and information about how to register: [www.the-bac.edu/green](http://www.the-bac.edu/green).

Past Newsletters:

Visit the website to view past ES weekly Newsletters:  
[http://academic.bowdoin.edu/environmental\\_studies/resources/es-newsletter.shtml](http://academic.bowdoin.edu/environmental_studies/resources/es-newsletter.shtml).