

SFI weekly newsletter for the week of April 20th 2009
A weekly service of SFI

SFI offers its sincere sympathies to the family of Richard Honrath. He will be missed by all of us.

SFI NEWS AND ANNOUNCEMENTS

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3. Video of SFI member Robert Froese explaining cellulosic biofuels project for Michigan
4. Michigan Tech is featured at AASHE homepage this week

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NEW RESOURCES

1. Corporate Social Responsibility reports available
2. Ecopsychology, a new peer reviewed journal
3. AASHE Interview with Terry Link, the new Executive Director of Greater Lansing Food Bank
4. New Book: *Boldly Sustainable*
5. "Sustainability of Clean Water and Sanitation in Rural Sub-Saharan Africa Is Critical to Public Health Ec Gains"
6. Quick slide show with compelling reasons to stop using plastic bags
7. A Wiki for the Climate from AASHE---Climate Planning for Campuses: A How To Guide

EVENTS & CONFERENCES

1. Greening the Heartland Regional Conference 2009 May 31--June 2, 2009 in Detroit
2. Webinar: Building our Nation's Green Collar Workforce April 30, 2009; 1pm Eastern; Online
3. Webinar: Organizational Leadership and Climate Change May 5, 2009; 1 – 2pm Eastern; Online
4. Green School & University Virtual Conference and Expo

The weekly newsletters are now posted at our Website (<http://www.sfi.mtu.edu/>). Please send announcements of your publications, presentations, awards, and names of awarded proposals to Denise Heikinen at dmheikin@mtu.edu.

SFI NEWS AND ANNOUNCEMENTS

1. **Photo Op for all SFI participants on April 28th, Tuesday, 11:00am, at library**



All SFI members and friends of sustainability are invited to meet in the Reading Room on the first floor of the Van Pelt Library for a photo shoot. A brochure will be sent to potential panel reviewers of our Science and Technology Center proposal and to other possible partners for future SFI projects. It is very important that the photo captures our unified and enthusiastic commitment to sustainability from faculty, researchers, students, and staff. If the turnout is not big, the photo will lose impact. Please attend this photo session. Every attempt will be made to make the process go as smoothly and quickly as possible. Please RSVP to dmheikin@mtu.edu Please also

send suggestions of people who should receive this brochure. Mailing and email addresses are helpful, but if you don't have time, we have students doing searches for that info.

2. SFI member John Gierke interviewed for Science Lives

LiveScience.com featured a profile of Associate Professor John Gierke (GMES), along with a question-and-answer session, in its ScienceLives series, which "puts scientists under the microscope to find out what makes them tick." To find out what Gierke thinks would surprise people the most about his field or about being a scientist, and answers to many more intriguing questions, click here. <http://www.livescience.com/technology/090416-science-lives-gierke.html>

3. Video of SFI member Robert Froese explaining cellulosic biofuels project for Michigan

By 2012, a plant producing cellulosic ethanol from forest resources is expected to be operating in the eastern Upper Peninsula community of Kinross. And in the northeastern Lower Peninsula, Wolverine Power Supply Cooperative has been cooperating with Michigan State University and Michigan Technological University researchers in exploring whether forest products and energy crops could supplement coal in generating electricity at a proposed Rogers City plant. Michigan Tech researchers note that on average, harvests from northern Lower Peninsula forests represent a small share of their current growth, and that significantly larger harvests could be achieved in a sustainable way. See diagram and video at

<http://www.petoskeynews.com/articles/2009/04/22/news/doc49ee1475e6207230862750.txt>

4. Michigan Tech is featured at AASHE homepage this week

Michigan Tech is the current spotlight campus! MTU offers two Certificates in Sustainability and programs in international sustainable development. Its Sustainable Futures Institute manages research in biofuels, green engineering, water, and public policy, as well as programs that integrate sustainability research with education.

<http://www.aashe.org/>

SUSTAINABILITY NEWS

1. April 26 is International Seeds Day

Organizations, activists, farmers and organic food advocates around the world have endorsed and will observe April 26 as International Seeds Day to advocate for patent-free seeds, biodiversity, and farmers rights and to challenge order 81 that will devastate the future of IRAQ's agriculture.

Order 81: <http://www.INEAS.org/events.htm>.

2. NSF Report of the Task Force on Sustainable Energy

The National Science Board of NSF developed a draft report through the work of its Task Force on Sustainable Energy, created in October 2007. The Task Force examined ways in which the federal government could address the science and engineering challenges related to building a sustainable energy future in the United States. The task force developed recommendations concerning a national sustainable energy RD3E strategy, with a specific emphasis on defining NSF's role in carrying out the strategy. The report is available online at:

http://www.nsf.gov/nsb/committees/se/pub_comment.jsp. Comments will be accepted via email to:

NSBenergy@nsf.gov. The public review and comment period is open until 5 p.m. EST, Fri., May 1, 2009

3. Delta College to Offer Degree in Wind Turbine Technology

Delta College (MI) has announced plans to offer a two-year degree in wind turbine technology. The new Associate's Degree has been approved by the College's Board of Trustees.

FUNDING & AWARD OPPORTUNITIES

To submit research proposals through the Sustainable Futures Institute, add "SFI" to the DEPT/CENTER/INSTITUTE(S) column for identifying the PI's and co-PI's. The transmittal sheet must then be signed by the SFI Director, John Sutherland, on page 3. (If John Sutherland is unavailable for signing transmittal sheets, Qiong (Jane) Zhang can also sign for SFI). Submitting proposals under SFI provides wider publicity and recognition for your research as well as a 10% return on your incentive account.

1. Irwin Andrew Porter Foundation grants

Amount: 30K

Deadline: 6/1/09

The Irwin Andrew Porter Foundation (IAP) offers support to projects and programs in the following areas: Arts, Education, Environment, and Social Programs.

<http://www.iapfoundation.org/?q=apply/guidelines>

JOBS & POST DOCS & INTERNSHIPS, FELLOWSHIPS, and SCOLARSHIPS

1. NOA09018 Environmental Scientist, full time, immediate opening

Location: Ann Arbor, MI, USA

Date Listed: 04/20/2009

I.M. Systems Group, a contractor to the National Oceanic and Atmospheric Administration (NOAA)

<http://www.imsg.com/careerdetails.aspx?JobID=506>

2. The 2010 OCIA International Organic Crop Improvement Association Scholarship

Deadline: June 1st

OCIA Research and Education would like to send a reminder e-mail to those interested in applying for the Victor Chrapko Non-GMO Scholarship. In memory of OCIA member Victor Chrapko, the OCIA Research & Education Board will award one \$1,000 scholarship to support education and/or research projects with a focus on determining the environmental, health, and/or social impacts of non-GMOs (plants and/or animals) in the environment and in the food system. The 2009 OCIA Research & Education Scholarship Recipient, Pradeep Kumar Nampoothiry, a student at the University of Guelph, Ontario, Canada, was recently selected as the 2009 recipient. He will use the \$1,000 award towards a project that will develop strategies and test natural products to repel or control house flies in organic dairy production. Nampoothiry chose this project due to an on-farm survey of transitioning dairy farmers in Ontario, which showed that milk yields for transitioning dairy farms decrease by 9.8% between their last conventional year and their first organic year. The link below will take you to the complete application and criteria, which can also be found on our website at www.ocia.org.

[2009 Victor Chrapko Non-GMO Scholarship Application](http://www.ocia.org/documents/rande-docs/2009_Non-GMO_Scholarship_Application.pdf)

http://www.ocia.org/documents/rande-docs/2009_Non-GMO_Scholarship_Application.pdf

[2009 Victor Chrapko Non-GMO Scholarship Criteria](http://www.ocia.org/documents/rande-docs/2009_Non-GMO_Scholarship_criteria.pdf)

http://www.ocia.org/documents/rande-docs/2009_Non-GMO_Scholarship_criteria.pdf

3. Dir, Sustainability & Energy Mgmt, Mount Wachusett CC

Mount Wachusett Community College (MA) seeks a Director of Sustainability and Energy Management to lead the effort to develop a Campus Sustainability Plan which will include a comprehensive set of goals covering Operations, Teaching, Research, and Outreach. The individual will work closely with other campus stakeholders to ensure that environmental stewardship is integrated, aligned with, and supportive of the overall goals and objectives of the College. A Master's degree in a relevant field is required, and at least three years of related experience is preferred. Applications are due April 28, 2009.

<http://www.higheredjobs.com/search/details.cfm?JobCode=175368907>

4. Senior Prgm Associate, Green Campus, Alliance to Save Energy

The Alliance to Save Energy is seeking a full-time Senior Program Associate to assist with development and implementation of the brand new California Community College Green Campus Program out of the Los Angeles Community College District office in Los Angeles, CA. The Senior Program Associate should have exceptionally strong written and oral communication skills, along with experience in developing programs, managing projects, speaking in public, and facilitating meetings. Experience working for campus sustainability initiatives is desirable, as is a familiarity with both energy efficiency technologies and the California Community College system. A Bachelor's degree is required. Preference will be given to candidates who can begin working in May 2009.

<http://ase.org/content/article/detail/5547>

5. Campus Field Coordinator, National Wildlife Federation

The National Wildlife Federation is seeking a regional Campus Field Coordinator. This person will be responsible for building regional campus climate action networks to support campuses taking action to reduce their carbon footprint; organizing and mobilizing students and others in higher education to support strong climate policies at a local and national level; conducting individual site visits and presenting at regional and national conferences related to campus climate action and sustainability; and providing input and feedback on technical resources developed to support the goals of the regional climate networks. Candidates should have at least 3 years of related experience. The position is based in Atlanta, Georgia.

<https://secure.nwf.org/careergateway/index.cfm?fuseAction=view&positionID=10573>

6. Post-Doctoral Fellow, Env'l Science & Studies, Spelman College

Spelman College (GA) is seeking a Post-Doctoral Fellow of Environmental Science and Studies. The successful candidate will be expected to restructure, develop, and teach new courses; serve as an advisor to students; and work to promote an effective interdisciplinary environmental science and studies program for the college.

Candidates should have a Ph.D. in Energy and Environmental Policy. The position is open until filled.

<http://www.higheredjobs.com/search/details.cfm?JobCode=175368931>

7. Adjunct Instructor, Sustainability, Waubensee CC

Waubensee Community College (IL) seeks an Adjunct Instructor of Sustainability. S/he will be responsible for educating students about sustainability, with a focus on climate change, fuel, renewable energy, agriculture, conserving water, poverty, and wealth. The successful candidate will also help students calculate carbon footprints and explore solutions for the future. A Master's degree in Sustainability, Earth Science, Environmental Biology, or Environmental Health is required, and two years of teaching experience at the community college level is preferred. The position is open until filled. <http://www.higheredjobs.com/search/details.cfm?JobCode=175368811>

8. Grad Assistantships, Urban Sustainability Initiative, U Nevada Las Vegas

The University of Nevada, Las Vegas is seeking Graduate Assistants for its Urban Sustainability Initiative. The GAs may pursue a program of study associated with any facet of sustainability and will have the opportunity to work closely with faculty in their major program as well as the Office of Urban Sustainability Initiatives to research and promote sustainability topics. Applicants must be admitted to graduate standing or in the process of applying to a UNLV graduate program. The deadline to apply is May 1, 2009. <http://urban21.unlv.edu/ga/index.html>

NEW RESOURCES

1. Corporate Social Responsibility reports available

You can browse the full list of CSR report summaries available for free download at:

<http://www.ethicalcorpoinstitute.com>

2. Ecopsychology, a new peer reviewed journal

Volume: 1, Number: 1 March 2009 FREE articles

<http://www.liebertonline.com/toc/eco/1/1>

3. AASHE Interview with Terry Link, the new Executive Director of Greater Lansing Food Bank

<http://www.aashe.org/blog/aashe-interview-series-terry-link-executive-director-great-lansing-food-bank>

4. New Book: *Boldly Sustainable*

Peter Bardaglio and Andrea Putman have published, *Boldly Sustainable: Hope and Opportunity for Higher Education in the Age of Climate Change*. The book examines how colleges and universities can leverage their commitment to sustainability to not only save money and have a positive impact on the environment, but also to carve out a distinctive niche in the marketplace. Citing real world examples of innovative solutions in higher education, Bardaglio and Putman illustrate how building a culture of sustainability through creative leadership, a signature curriculum, connecting the classroom and campus operations, and reaching out to the surrounding community can help institutions to distinguish themselves from the pack, bolster their value proposition, and

enhance organizational effectiveness. They explain why sustainability makes sense even in tough economic times. The book is geared to both newcomers and experienced practitioners.

5. “Sustainability of Clean Water and Sanitation in Rural Sub-Saharan Africa Is Critical to Public Health and Economic Gains”—One of the greatest public health crises and a key factor determining future growth and development in rural Sub-Saharan Africa is the availability and sustainability of clean water and sanitation, however, significant challenges must still be overcome, according to a commentary published online ahead of print in *Environmental Engineering Science Journal*, a peer-reviewed journal published by Mary Ann Liebert, Inc. The article is available free online at www.liebertpub.com/ees

6. Quick slide show with compelling reasons to stop using plastic bags
<http://www.poconorecord.com/apps/pbcs.dll/article?AID=/20080506/MULTIMEDIA02/80505016>

7. A Wiki for the Climate from AASHE---Climate Planning for Campuses: A How To Guide

This Climate Action Planning Guide wiki launched in April 2009 with initial text provided by Walter Simpson, CEM, LEED AP, a retired Energy Officer from University at Buffalo and the former Director of UB Green. Many others have generously contributed to it since the launch, helping keeping the document up-to-date and relevant over time. <http://www.aashe.org/wiki/climate-planning-guide>

EVENTS & CONFERENCES

1. Greening the Heartland Regional Conference 2009 May 31–June 2, 2009 in Detroit

One of the largest and most successful conferences on green building practices and initiatives is coming to Detroit. The USGBC Detroit Regional Chapter and The Engineering Society of Detroit will present the Greening the Heartland Regional Conference May 31–June 2, 2009, at the Detroit Marriott at the Renaissance Center in partnership with COBO Center. The theme of the conference is “ABILITY,” which illustrates that an approach to projects and practices with sustainability as a goal leads to multiple benefits. Attendees will receive the necessary tools to achieve this goal through programs, outstanding education sessions, keynote speakers, tours, and other activities. www.greeningtheheartland.org

2. Webinar: Building our Nation's Green Collar Workforce

April 30, 2009; 1pm Eastern; Online

NACUBO will host "Building our Nation's Green Collar Workforce," a webinar during which participants will hear three community college perspectives that focus on how an institution can establish itself as a leader of the "green movement" within its community, state, and region; what to consider when developing financially sound “road maps” to address energy management and conservation needs; and when and where to focus “green collar” workforce training programs – considering four key elements in a curricular framework. While the program's focus is on community college efforts, all institution types are invited to participate.

http://www.magnetmail.net/actions/email_web_version.cfm?recipient_id=17855341&message_id=691602&user_id=NACUBO

3. Webinar: Organizational Leadership and Climate Change

May 5, 2009; 1 – 2pm Eastern; Online

InterfaceFLOR will host a webinar entitled, "Organizational Leadership and Climate Change" through which participants will learn how universities and colleges can create buy-in for their climate neutral goals and generate community involvement and support. Participants will discuss strategies for inspiring active engagement in a campus' climate neutral journey. Presenters will include George C. Bandy Jr, Vice President of Sustainable Strategy for InterfaceFLOR, and Nadine Gudz, Manager of Sustainable Strategy for InterfaceFLOR Canada.

https://intercallcanada.webex.com/mw03051/mywebex/default.do?service=1&siteurl=intercallcanada&nomenu=true&main_url=%2Fmc08001%2Fe.do%3Fsiteurl%3Dintercallcanada%26AT%3DMI%26EventID%3D115968042%26UID%3D1046912517%26Host%3D9d05bd021c2c04151e%26RG%3D1%26FrameSet%3D2

4. Green School & University Virtual Conference and Expo

June 24, 2009; 10:30am – 6pm Eastern; Online

American School & University invite participants to "Green School & University: A Virtual Conference & Expo," a free event dedicated to green/sustainable practices in education institutions. Participants will learn about green design and planning, green buildings, and green cleaning and operation.

<https://event.on24.com/eventRegistration/EventLobbyServlet?target=registration.jsp&eventid=132994&sessionid=1&key=27904D32BDCEB259950EDC92EC72B31C&partnerref=ASUeblast1&sourcepage=register>