

SFI weekly newsletter for the week of May 4th 2009
A weekly service of SFI

SFI NEWS AND ANNOUNCEMENTS

1. Alex Mayer and Joan Chadde are acknowledged in a book of essays: *I'm not 'Bothered By My Green Conscience*
2. Houghton Bike Task Force organizes a Bike to Work Day on May 15 with a bike party on Shelden Avenue. free safety inspections on Saturday, May 9.

NEW PROJECT AWARDS

1. Alpena Prototype Biorefinery

SUSTAINABILITY NEWS

1. Wayne State U Engineering Developed Center to Study Green Technologies
2. Wayne State U Installs Wind Turbine
3. Report Considers Sustainability in the Curriculum

SEMINARS

1. Lecture May 11 on Wind Power Financing

FUNDING & AWARD OPPORTUNITIES

1. International Short Research Visits
2. Request for Proposals for Community-Based Habitat Restoration Projects

JOBS & POST DOCS, INTERNSHIPS, FELLOWSHIPS, and SCOLARSHIPS

1. Lecturer Water, Engineering and Development Centre (WEDC)
2. The 25th International Conference on Solid Waste Technology and Management
3. AASHE Student Sustainability Leadership Award
4. Director, Stribling Sustainability Institute, NorthWest Arkansas CC
5. Five Positions, Energy Action Coalition Washington DC
6. Sustainable Practices Coordinator, Rock Creek, Portland CC
7. Instructor, Environmental Science, Everest College
8. Development Associate, Second Nature

NEW RESOURCES

1. New AASHE Resource on Biodiesel in Campus Fleets
2. AASHE 2008 Round Up available at AASHE.org
3. Chance to Be a Chronicle of Higher Education Blogger
4. Online UCS column to explore the science of agriculture

EVENTS & CONFERENCES

1. Education for the Green Economy: Opportunities, Resources and Models
2. 2009 Symposium on Small Towns & Conference of Higher Education June 2-3, 2009, at the U. of Mn: Morris
3. Society for College and University Planning (SCUP) Annual International Conference and Idea Marketplace
4. Webinar on Fulfilling the Presidents' Climate Commitment May 19, 2009; 10am – 12pm Central
5. Webinar: Defining and Measuring Green Computing May 20, 2009; 2 – 3pm Eastern; Online
6. Bright and Green Campus Webcast May 28, 2009; 11am – 12 pm Pacific; Online
7. ACPA Institute on Sustainability June 11-13, 2009; Harvard U; Cambridge, MA
8. Virtual Energy Forum June 24-25, 2009; Online
9. Local Carbon Offsets 101 Webcast
10. APPA 2009 Focusing on the Critical Few Conference & Expo

The weekly newsletters are now posted at our Website (<http://www.sfi.mtu.edu/>). In an effort to increase recognition and enhance SFI's image, we want to include more publicity about SFI member achievements. Please send announcements of your publications, presentations, awards, and names of awarded proposals to Denise Heikinen at dmheikin@mtu.edu, or call (906)487-0044.

SFI NEWS AND ANNOUNCEMENTS



1. Alex Mayer and Joan Chadde are acknowledged in a book of essays: *I'm not 'Bothered By My Green Conscience*

Alex Mayer and Joan Chadde are acknowledged in a new book of five essays entitled *I'm not 'Bothered By My Green Conscience'* by Franke James. James is an author, artist, photographer and writer whose artistic mission is to do something green and document it. James' essays combine text, illustration, and collage to express the messiness of creativity and the beauty of action. Mayer and Chadde contributed expertise to the essay "Paradise Paved," which tells a visual and textual story of the author's fight with city hall for the right to build a green driveway. James first contacted Chadde after reading her article in *Green Teacher* magazine, June 2008, entitled "Stormwater Runoff: Understanding the Ecological Impacts of Changing Land Uses" (<http://www.greenteacher.com/>). James then used Mayer's calculations of storm water runoff to help finally convince city hall of the benefits of her proposed green driveway versus her old interlock driveway. You can view the essay on the author's blog at <http://www.frankejames.com/debate/?p=98>. It is now available at Amazon.com for \$8.47.

2. Houghton organizes a Bike to Work Day on May 15 with a bike party on Shelden Avenue Free safety inspections on Saturday, May 9.

Does the prospect of closed U.S. highways and traffic tie-ups have you thinking about trading your car for a boat? Consider, instead, a less expensive and infinite miles-per-gallon bicycle. As a way to bring attention to the merits of bicycle commuting, and demonstrate that it is not all that difficult, a group of cyclists and the City of Houghton will hold Bike to Work Day on May 15. Cyclists on the waterfront trail in downtown Houghton will be greeted by the Snack Pedalers, from 7 – 10 a.m., who will distribute free food and beverages. Cyclists and pedestrians can also pick up commuting information, visit a bike fix-it booth, and see the city's new bike rack design. From 10 a.m. – 4 p.m., the Houghton City Police will catch cyclists being good. Officers will give away a limited number of prizes to cyclists and pedestrians, at random, throughout the day. The day concludes from 4 – 8 p.m. with a bike party on Shelden Avenue. There will be activities for kids and adults, including mountain bike stunts, a MBX course, music and raffles. In addition, local bike shops will show free bike movies.

As a way to prepare cyclists for the day, three local bike shops will provide free safety inspections on Saturday, May 9. Cross Country Sports, Downwind Sports, and The Bike Shop – all in Houghton – will look over your brakes, drivetrain, and other key components at no charge. "Many people may have an unused bike in the garage or basement, and this is a great opportunity to have it checked out and consider getting back on the saddle," said Ann West, member of the Houghton Bike Task Force and organizer of the Bike to Work Day. "With the path along the waterfront, and other marked bicycle routes in the city, commuters can easily avoid the detours and congestion this summer – and even become healthier to boot!" Cyclists can register for Bike to Work Day, making them eligible for a special prize drawing, by visiting www.keweenawtrails.com/commute. Details about all of the events are also available at Keweenaw Trails. <http://www.keweenawtrails.com/>

NEW PROJECT AWARDS

1. Alpena Prototype Biorefinery

The Alpena Prototype Biorefinery is sponsored by MEDC as part of the Michigan Centers for Energy Excellence. David Shonnard and Sue Bagley are the PIs on this \$321,138 project.

SUSTAINABILITY NEWS

1. Wayne State U Engineering Developed Center to Study Green Technologies

Wayne State University (MI) has opened the Marvin I. Danto Engineering Development Center. The \$28 million, 82,500-square-foot facility contains labs that will be used to advance research in biofuels and diesel fuels, fuel cells, emissions and vehicle wear automotive systems; allow for 25 student faculty and student researchers to investigate ways to reduce traffic congestion and improve traffic and pedestrian safety; research and develop biotechnology applications that include micro-systems for artificial vision, real-time cancer detection, and other biological and neurological implants and smart sensors; and conduct advanced research in surface science, tissue engineering, drug delivery, and biomaterials.

<http://media.wayne.edu/2009/04/27/danto-engineering-development-center-jumpstarts-michigans-new>

2. Wayne State U Installs Wind Turbine

Wayne State University (MI) has installed a Franklin Vertical Axis Wind Turbine atop its Engineering Technology Building in Midtown Detroit. The University believes that it is the first small wind energy turbine of its kind in North America. The new 30 feet tall turbine will produce 5 kW of electrical energy and will initially power the computer lab of the building.

See also: List of Campus Wind Power Installation at AASHE http://www.aashe.org/resources/wind_campus.php

3. Report Considers Sustainability in the Curriculum

A 2008 National Wildlife Federation study showed that colleges have been quicker to green their facilities than their curriculums (<http://www.insidehighered.com/news/2008/11/12/sustainability>). A new report released by the American College and University Presidents Climate Commitment aims to help colleges integrate "climate neutrality" and sustainability into their academic programs. "Education for Climate Neutrality and Sustainability: Academic Guidance for ACUPCC Institutions" includes more than 200 examples and resources.

<http://www2.aashe.org/conf2008/>

SEMINARS

1. Lecture May 11 on Wind Power Financing

Federico Caprotti, of University College London, will give a lecture, "Throwing Money at the Wind? Sectoral Emergence, Networks and Decision Making in Wind Power Financing in China, the US and the UK," on Monday, May 11, from 4 to 5 p.m. in Academic Office 201. All are welcome. Caprotti is a faculty candidate in environmental policy in the Department of Social Sciences.

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. International Short Research Visits

Swiss National Science Foundation (SNF) \ Fonds National Suisse

The SNSF's international short research visits allow for researchers to come to Switzerland. The visits can last between one week and three months and are limited to one person (the visiting fellow) going to one institute (the host institute). Both the visiting fellow and one person from the host institute (the host) are co-applicants of the proposal.

The main aim of this funding instrument, which is open to all fields of research, is to initiate or to consolidate

international collaborations. To reach this aim, short research projects between the host institute and the visiting fellow should be carried out during the stay. There should be an exchange of knowledge that is beneficial to both co-applicants. The funding is not for attendance at congresses, conferences, workshops, seminars, or talks or for scientific sabbaticals.

<http://fundingopps.cos.com/alerts/113873>

2. Request for Proposals for Community-Based Habitat Restoration Projects

Marine and Anadromous Fish Habitat Restoration Grants
FishAmerica Foundation/NOAA Restoration Center Partnership

The FishAmerica Foundation provides funding for hands on-projects at the local level. These projects enhance fish populations, restore fish habitat, improve water quality, and advance fisheries research in North America and Canada—thereby increasing the opportunity for sportfishing success.

<http://www.fishamerica.org/grants/index.html>

JOBS & POST DOCS & INTERNSHIPS, FELLOWSHIPS, SCOLARSHIPS and CALL for PAPERS

1. Lecturer Water, Engineering and Development Centre (WEDC)

Civil and Building Engineering
Loughborough University
Leicestershire, UK

<http://www.loughborough-university-jobs.co.uk/index.php?page=Details&id=623>

2. The 25th International Conference on Solid Waste Technology and Management

Philadelphia, PA, U.S.A.

March 14 - 17, 2010

Call For Papers

Abstract submissions are

invited for oral or poster presentation at the Conference. Abstracts are encouraged from all areas of solid waste technology and management. For more information or to submit an abstract for oral or poster presentation, please go to www.widener.edu/solid.waste

The Journal of Solid Waste Technology and Management



3. AASHE Student Sustainability Leadership Award

AASHE is now accepting applications for the 2009 Student Sustainability Leadership Award, to be presented at the Greening of the Campus VIII Conference (Sept. 20-23 in Indianapolis, IN). The Student Sustainability Leadership Award honors an undergraduate student from an AASHE member institution who has demonstrated outstanding leadership in promoting campus sustainability. Applications are due July 1, 2009. The Student Sustainability Leadership Award includes a \$750 prize. In addition, the winner will be featured in *Sustainability: The Journal of Record*. http://www.aashe.org/programs/student_awards.php

4. Director, Stribling Sustainability Institute, NorthWest Arkansas CC

The NorthWest Arkansas Community College Stribling Sustainability Institute seeks a Director to be responsible for the efficient and effective functioning of the Institute. S/he will provide leadership for the delivery and administration of the Institute, represent the program to all internal and external stakeholders, and develop innovative marketing and strategic plans on an annual basis and for long-term success for all new and current programs. A graduate degree plus five years of related experience and/or training is required. Applications are due May 22, 2009. <http://www.higheredjobs.com/search/details.cfm?JobCode=175370864>

5. Five Positions, Energy Action Coalition Washington DC

The Energy Action Coalition is seeking an Operations Manager, a Partners Director, a Communications Director, a Managing Director, and an Environmental Justice Director. The Operations Manager will provide administrative support to the Managing Director and Energy Action Coalition central staff. The Partners Director will coordinate internal decision making among EAC partners and Council/working groups; set up and maintain internal communications systems for the coalition; and work closely with the Environmental Justice and Outreach Director

to facilitate Anti-Oppression and Anti-Racism education for all coalition members and the rest of central staff. The Communications Director will work to craft and coordinate all aspects of EAC central communications, online and offline, in conjunction with the Media Director, Internet Organizer, and coalition partners. The Managing Director will be responsible for overseeing all staff support and management systems; manage the DC office administration; and work closely with the Executive Director and Coalition Coordinator as a leadership team for the Energy Action Coalition. The Environmental Justice Director will be part of the field team and provide direct campaign support to several coalition partners and will also build relationships with and invite new organizations from under-represented constituencies to join the coalition. All positions will remain open until filled.

http://groups.google.com/group/eac-jobs-board/browse_thread/thread/e543bb7fff12d611

6. Sustainable Practices Coordinator, Rock Creek, Portland CC

Portland Community College (OR) seeks a part-time Rock Creek Sustainable Practice Coordinator to provide support and coordination of sustainable practices throughout the campus and to act as a resource for faculty curriculum development related to sustainability. The Rock Creek Sustainable Practices Coordinator will report to the Rock Creek Dean of Instruction and collaborate with the Portland Community College Director of Sustainability. The position is open until filled. <http://www.higheredjobs.com/search/details.cfm?JobCode=175370595>

7. Instructor, Environmental Science, Everest College

Everest College (CA) invites applications for an instructor position in Environmental Science. The candidate will be responsible for maintaining a teaching assignment for class; planning course instruction based upon approved syllabus/outline provided; and designing, administering, and grading examinations to assess achievement of course objectives as identified in the syllabus. A master's degree and 18 credit hours in Environmental Science is required. The position is open until filled. <http://www.higheredjobs.com/search/details.cfm?JobCode=175370332>



8. Development Associate, Second Nature

Second Nature seeks a Development Associate to take a lead role with the organization's fundraising activities. This will include grant proposal writing and reporting, management of membership dues, research of foundation and individual fundraising prospects, communication with foundations and individual donors, maintenance of fundraising files and records, and acknowledgement of foundation and individual giving. A Bachelor's or Graduate degree is required and knowledge of environmental, sustainability, and education-related issues is preferred. The position will remain open until filled.

<http://www.secondnature.org/documents/JobPosting-DevelopmentAssociate.pdf>

NEW RESOURCES

1. New AASHE Resource on Biodiesel in Campus Fleets

AASHE has released a new resource that lists campus biodiesel programs. The resource lists programs that produce biodiesel on campus, those that purchase it, and the type of biodiesel that each campus uses if the information is available. This resource is available to AASHE members only. Use your Mich Tech ID and password for access.

<http://www.aashe.org/user/login?destination=resources/biodiesel.php>

2. AASHE 2008 Round Up available at AASHE.org

AASHE has posted the following items related to the AASHE 2008 conference held in the Raleigh Convention Center:

- * Keynote Speaker Videos
- * Proceedings: Download Slides, Papers and Posters presented at AASHE 2008
- * Conference Program
- * Presentation Abstracts
- * Photos from the Conference
- * Concurrent Sessions Schedule
- * Presenter Index

<http://www2.aashe.org/conf2008/>

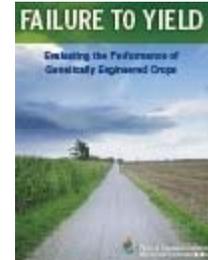
3. Chance to Be a Chronicle of Higher Education Blogger

The Chronicle of Higher Education invites guest-bloggers for its Buildings & Grounds Blog. Bloggers are expected to write one blog a week for one month on campus architecture, facilities, energy, sustainability, or similar topics.

<http://chronicle.com/blogs/architecture/2751/be-a-chronicle-blogger-on-buildings-grounds>

4. Online UCS column to explore the science of agriculture

A new online UCS column, "The Real Scoop," will offer a science-based perspective on industrial-style agriculture. Written by Doug Gurian-Sherman, senior scientist and author of the report *Failure to Yield*, the column will cover genetic engineering, CAFOs (confined animal feeding operations), and other food production methods that have enormous impacts on human health, the environment, and society. Bookmark "[The Real Scoop](#)" so you can check it often for reliable analysis on breaking news from the world of science and agriculture! http://ucsusa.org/food_and_agriculture/science_and_impacts/science/the-real-scoop/the-real-scoop.html



EVENTS & CONFERENCES

1. Education for the Green Economy: Opportunities, Resources and Models

Join us for a national webinar "Education for the Green Economy: Opportunities, Resources and Models," cosponsored by the National Association of State Directors of Career Technical Education, the American Association of Community Colleges, the Association for Career and Technical Education, and Green for All.

This webinar will cover the following topics:

- 1) different types of green jobs;
- 2) professional development, certification, and curricular material for teachers at both the high school and community college levels in the green jobs area;
- 3) partnership models between businesses, government, non-profits, education institutions and educators to create more effective entry, re-entry and professional development for workers in the emerging green economy.

This webinar is open to everyone involved and interested in educating for the green economy.

May 20th - 4 to 5 pm eastern time. There is no charge. All you will need is a computer and a phone line. Mark your calendars for this informative event. To register, go to

<https://ciscosales.webex.com/ciscosales/onstage/g.php?t=a&d=206649102>

2. 2009 Symposium on Small Towns & Conference of Higher Education

June 2-3, 2009, at the U. of Minnesota: Morris

Communities 2050: Building a Livable, Renewable and Responsible Future!, the theme of the Seventh Annual Symposium on Small Towns, June 2-3, 2009, at the U. of Minnesota: Morris, will focus on rebuilding local economies, educating and motivating communities, capitalizing on political change and celebrating rural living. This year's Symposium will be preceded by a conference of Higher Education, May 31-June 1, also to be held on the Morris campus. Participants during the Higher-ed conference will see how the Morris campus has partnered with a local collaboration that includes the USDA North Central Soil Conservation Research Lab and the West Central Research and Outreach Center to create the Green Prairie Alliance. Morris has a goal of climate neutrality by 2010.

See websites for more information on the HIGHER EDUCATION CONFERENCE and REGISTRATION:

http://www.morris.umn.edu/services/cst/symposium/2009/agenda_ed.php

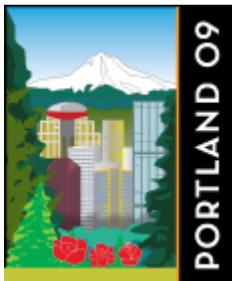
Registration: (\$120 registration and \$25/night stay on campus)

<http://www.morris.umn.edu/services/cst/symposium/2009/registration.php>

The SYMPOSIUM will run from June 2 (mid-morning) to June 3 (afternoon). Symposium website:

<http://www.morris.umn.edu/services/cst/symposium/2009/> Limited scholarships are available.

If you have questions, please contact TROY GOODNOUGH (Sustainability Coordinator at UMM) at 320/589-6303 or email good0044@morris.umn.edu.



3. The Society for College and University Planning (SCUP) Annual International Conference and Idea Marketplace

SCUP-44

Values and Vision *Create the Future* July 18–22, 2009 Portland, OR (USA)

Early-Bird Registration Deadline: May 8 One-Day Registrations Available!

In addition to a plethora of concurrent sessions about sustainability, and a great preconference workshop, one of our plenary session speakers is Susan Anderson, who is the City of Portland's Director of the interesting-sounding "Bureau of Planning and Sustainability"

<http://www.scup.org/page/annualconf/44/plenary>.

Visit Campus Sustainability Planning Network at: <http://www.campussustainability.info>
<http://www.scup.org/page/annualconf/44>.

4. Webinar on Fulfilling the Presidents' Climate Commitment

May 19, 2009; 10am – 12pm Central

The Los Angeles Community College District (CA) and TAC by Schneider Electric invite participants to a webinar entitled, "The Impact of Fulfilling Your Climate Commitment vs. the Cost of Doing Nothing." Topics covered will include: partnering with an energy services company to utilize financing through guaranteed energy savings to reach ACUPCC requirements; making renewable investment more cost-effective by reducing energy use; performing measurement and verification in relation to tracking greenhouse gas emissions; and creating an action plan to get started on your campus. There is no charge for participation, but registration is required.

http://info.us.tac.com/ACUPCC/09/ACUPCC_Webinar_Invitation.html

5. Webinar: Defining and Measuring Green Computing

May 20, 2009; 2 – 3pm Eastern; Online

University Business will host a webinar entitled, "Defining and Measuring Green Computing." Participants will hear from executives at Lone Star College about their green computing initiative. Topics of discussion will include PC power management of over 12,000 always-on systems; data center planning to address eight years of server sprawl; sustainability adoption by officials and staff across campus; and metrics of progress and plans for next phases.

<http://pe.wimba.com/eventreg/participant/registration.php?eventid=1268>

6. Bright and Green Campus Webcast

May 28, 2009; 11am – 12 pm Pacific; Online

University Business will host "Bright Green Campus: saving Money and Energy with Intelligent Building Systems," a webcast on the convergence of green and intelligent school buildings. Participants will discuss how to achieve a secure, resilient, high-speed network backbone that runs through the core buildings on campus and how to create innovative learning environments in which facilities, technologies, and services work together to deliver building services more efficiently.

https://ciscosales.webex.com/mw03051/mywebex/default.do?nomenu=true&siteurl=ciscosales&service=6&main_url=https%3A%2F%2Fciscosales.webex.com%2Fec06001%2Feventcenter%2Fevent%2FeventAction.do%3FtheAction%3Ddetail%26confViewID%3D87149015%26siteurl%3Dciscosales%26%26%26



7. ACPA Institute on Sustainability

June 11-13, 2009; Harvard U; Cambridge, MA

The second annual ACPA Institute on Sustainability will again bring together students, staff, and faculty from colleges and universities across the country who are committed to sustainability. The goal of the institute is to provide individuals and institution teams with a plethora of knowledge about sustainability so that they can return to their campuses prepared to contribute to the development of sustainable policies and practices and the education of campus community members. Participants will have the opportunity to hear from some of the leading sustainability scholars and practitioners; explore promising practices from campuses across the country; and develop a framework and actionable goals that can be taken back to campus and integrated into the core of the institution. Topics will include renewable energies technologies, and funding; creating regional consortiums; green building and renovation; integrating sustainability

into the fabric of campus; assessing student learning; and sustainability and student activism. Regular registration ends June 4, 2009. <http://www.myacpa.org/pd/sustainability/>

8. Virtual Energy Forum

June 24-25, 2009; Online

The Virtual Energy Forum is two-day, online conference focused on how leading companies can adopt better energy management practices to cut cost, while at the same time adopt clean energy alternatives. Conference speakers include: Joseph T. Kelliher, Chairman of the US Federal Energy Regulatory Commission; Ed Markey, US Congressman and Chairman of the US House Select Committee on Energy Independence; James E. Rogers, CEO of Duke Energy Corporation; David J. Manning, Q.C., EVP and Chief Environmental Officer of National Grid; James T. Gallagher, SVP of Energy and Telecommunications for the City of New York; and Brian Palm, Head of Brooks School's Science Department. <http://www.virtualenergyforum.com/>

9. Local Carbon Offsets 101 Webcast

June 30, 2009; 1 -2:30pm Eastern

Academic Impressions will host "Local Carbon Offsets 101," a webcast that will teach participants how to evaluate the quality of local offsets, find and use local offsets, expand the benefits of local offsets for maximum added value, and integrate local offsets into a broader campus sustainability initiative. The instructor, Dave Newport, is the Director of the Environmental Center at the University of Colorado at Boulder. Early bird registration will June 12, 2009. http://www.academicimpressions.com/web_conferences/0609-offsets.php?q=3028v274891yT

10. APPA 2009 Focusing on the Critical Few Conference & Expo

July 8-10, 2009; Vancouver, Canada

APPA will host "APPA 2009: Focusing on the Critical Few." The conference and expo will focus on sustainability; influence, leadership, and communication; disciplines, accountability, and expectations; and the total cost of ownership. The event is designed for students, entry level professional, frontline supervisors, middle and senior management, Directors/Senior Facilities Officers, Vice Presidents, Emeritus Members/Retirees, and Business Partners/External Vendors. <http://www.appa.org/training/appa2009/index.cfm>