

SFI weekly newsletter (for Week of February 9, 2009)
A weekly service of SFI

A web version of this newsletter will soon be available at www.sfi.mtu.edu

SFI NEWS AND ANNOUNCEMENTS

1. "Greening MTU Infrastructure" by Mike Reid is now online www.sfi.mtu.edu
2. Presenters & Volunteers Needed at Girl Scout Science Spectacular at Michigan Tech April 4th
3. Claudio Mazzoleni contributes to publication entitled *New Research on Biofuels*

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SUSTAINABILITY NEWS**

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2. Kalamazoo startup rolls out social networking site for Michigan groups -- religious, community or nonprofit
3. Sustainability Named Top State Policy Issue for Higher Ed <http://www.aascu.org/media/pm/pdf/pmjan09.pdf>
4. Chronicle of Higher Ed Posts Blog Series on Campus Sustainability
5. *Newsweek's* "Cutting the Employment Line" names sustainability among 10 top jobs
<http://www.newsweek.com/id/181875>

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1. "Railroad-Based 'Interstate II'" Seminar on Transportation Monday Feb. 16, at 3 p.m. in Dow 642
2. "Potential Methods for Quantifying the Ecophysiology of Entire Mountain Watersheds"
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3. Canada Research Chair, Sustainable Dev, Thompson Rivers U <http://tinyurl.com/aock82>
4. Postdoc Fellow, Env'l Studies & Sustainability, Washington & Lee U <http://www.wlu.edu/x29996.xml>
5. Visiting Fellow, Energy, Drexel U <http://chronicle.com/jobs/id.php?id=0000591490-01&pg=s&cc=>
6. Assistant Professor, Sustainability, Slippery Rock U <http://www.sru.edu/pages/15476.asp>
7. Adjunct Instructor, Sustainability, St. Petersburg College <http://tinyurl.com/aczboy>
8. Director of Development, Solar College Initiative <http://www.idealists.org/ifa/en/av/Job/326172-72/c>

INTERNSHIPS, FELLOWSHIPS, SCHOLARSHIPS & OTHER STUDENT OPPORTUNITIES

1. Summer School on Green Chemistry and Sustainable Energy - Grad Students and Postdocs only

NEW RESOURCES

1. Biodegradable Resources, an eco-friendly green manufacturers' representative company in Michigan
2. CFP *Sustainability: The Journal of Record* <http://www.liebertonline.com/cookieabsent.html>

EVENTS & CONFERENCES

1. Power Shift 09: Reclaiming Repowering our Future: Historic National Youth Summit
2. Invitation and Call for Participation: International Workshop on Wind Energy in Nairobi, Kenya, Sept 14-16, 2009
3. First World Young Earth-Scientists Congress 2009, Oct 25-28th at China University of Geosciences in Beijing
4. Great Energy Efficiency Day 2009 | Wednesday, March 4, 2009 | Washington, DC www.ase.org/geed
5. Conference Announcement And Call For Papers: Sustainable Innovation 09 www.cfsd.org.uk
6. Lean and Green Summit-- June 8-9 in Savannah, GA www.leanandgreensummit.com
7. Fourth annual Green Facilities Conference www.enichols.com/greenconference

8. Call For Papers Advances in Cleaner Production <newsletter@advancesincleanerproduction.net>

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. "Greening MTU Infrastructure" by Mike Reid is now online www.sfi.mtu.edu

The first talk of the 2009 SFI Speaker Series "Greening MTU Infrastructure" is now online at SFI's new website: www.sfi.mtu.edu. Click on "SFI Speaker Series now Online" near the bottom of the new SFI homepage for a video and accompanying PowerPoint presentation of Mike Reid discussing the logistics of biomass cogeneration at the L'Anse Warden power plant. The audience discussion following the talk focused on possibilities for a similar kind of biomass plant for Michigan Tech. Feel free to comment on the ease or difficulty of accessing the video. However, please also refrain from comments about the overall design of the webpage as we undergo painstaking and painful revisions.

2. Presenters & Volunteers Needed at Science Spectacular! At Michigan Tech

Girl Scout Science & Engineering Extravaganza

Saturday, April 4, 10 am - 2pm, at Michigan Tech (EERC & Dow Buildings)

Michigan Tech and the Western UP Center for Science, Math & Environmental Education will co-sponsor Science Spectacular with the Girl Scouts. This is a one-day event for girls ages 5 – 17 years that will provide opportunities for them to experience STEM-related fields through a variety of fun, informational, and hands-on sessions run by college students, faculty, educators, and professionals. 45-minute sessions will introduce girls to a wide variety of topics in biology, chemistry, math, engineering, computer science, physics, and more. Presenters & Volunteers are needed to conduct sessions and act as "group guides." Please complete the Session Proposal form by TODAY FRIDAY, Feb. 13. Contact: Joan Chadde at jchadde@mtu.edu or 487-3341 at MTU or Susan Belanger, Event Coordinator sbelanger@gsnwg.org

3. Claudio Mazzoleni contributes to publication entitled New Research on Biofuels

Assistant Professor Claudio Mazzoleni (Physics) has contributed an "expert commentary" section to a new publication entitled *New Research on Biofuels* just published by Nova Publisher. A copy of the book and it is now available at the library.

SFI NEW FUNDING

SUSTAINABILITY NEWS

1. How higher education fairs in the final stimulus bill

For a summary and analysis of the final stimulus bill's allocations for higher education, see InsideHigherEd.com "The Final Stimulus Bill" for Friday, February 13, 2009. The article estimates that the picture for higher education is generally positive. "Universities and academics most interested in research were elated, as the final package allots roughly \$16 billion to several federal agencies for research grants and facilities over two years, most of which will eventually flow to academic institutions. That includes \$3 billion for the National Science Foundation, and \$2 billion for science and research programs at the Energy Department." See <http://www.insidehighered.com/news/2009/02/13/stimulus>

2. Kalamazoo startup rolls out social networking site for Michigan groups -- religious, community or nonprofit

<http://www.wwj.com/New-Social-Web-Site-Intended-For-Groups/3833716>

Two Western Michigan University graduates have founded Kalamazoo-based Homeingle.com. The social media Web site, whose name is a combination of "home" and "mingle," aims to let organizations connect with their members, find volunteers and manage events. Co-founder Bob Armbrister, a 2006 WMU grad, said the site takes features of social media spots like Facebook and combines them with management tools for organizations. He said Michigan groups -- religious, community or nonprofit -- can use Homeingle to manage their events, request assistance from local businesses and find volunteers. Individuals can use Homeingle to find volunteer opportunities and connect with the community. Businesses can use Homeingle to supply products and services to the organizations on the site. More at <http://www.wvj.com/pages/3833716.php?>

3. Sustainability Named a Top State Policy Issue for Higher Ed

<http://www.aascu.org/media/pm/pdf/pmjan09.pdf>

The American Association of State Colleges and University listed sustainability as a top state policy issue for higher education in its recent publication titled, "Top 10 State Policy Issues for Higher Education in 2009." The paper discusses the impact of gas prices on commuter students and institutions, the increase in renewable energy installations, and the possibility of 2009 federal and state policy actions that could accelerate campus sustainability projects and fund campus-based research endeavors.

4. Chronicle of Higher Ed Posts Blog Series on Campus Sustainability

<http://chronicle.com/blogs/architecture/2650/guest-blogger-how-to-help-sustainability-survive-the-downturn>

The Chronicle of Higher Education has posted four guest blogs by Steve Bellona, Hamilton College's (IA) Associate Vice President for Facilities and Planning. Posts include, "How to Help Sustainability Survive the Downturn," "Justifying Energy-Saving Projects as Energy Prices Tumble," "Education and Feedback are Keys to Sustainability," and "Are Sustainability's Costs Prohibitive? No."

See also: Justifying Energy-Saving Projects as Energy Prices Tumble

See also: Education and Feedback Are Keys to Sustainability

See also: Are Sustainability's Costs Prohibitive? No.

5. Newsweek's "Cutting the Employment Line" names sustainability among 10 top jobs

A recent Newsweek.com article entitled "Cutting the Employment Line" names 10 top jobs that will still be needed during this recession, several of them relate specifically to sustainability: national security, transportation security, solar energy, wind energy, green businesses, energy efficiency, health care, nursing, primary education, and people who design texts and other educational materials.

<http://www.newsweek.com/id/181875>

SEMINARS

1. "Railroad-Based 'Interstate II'" Seminar on Transportation Monday Feb. 16, at 3 p.m. in Dow 642

Gil Carmichael, of the University of Denver Intermodal Transportation Institute, will address an "intermodal" strategy--using ship, rail and truck--to meet the North American transportation improvements for freight and passenger movement. The approach, with a strong emphasis on railroads, represents the most economical, fuel-efficient and environmentally sustainable approach to transportation, Carmichael says. A reception with refreshments will follow in the eighth-floor atrium of the Dow. For more information, contact Zhanping You (CEE) at 487-1059, or zyou@mtu.edu

2. "Potential Methods for Quantifying the Ecophysiology of Entire Mountain Watersheds"

Monday, February 16, 2009

Thomas Pypker (SFRES)

M & M U113

4:00 pm

3. Ground Truthing Sustainable Development, Colloquium II

Monday, February 23, 2009

Megan Abbott, Mark Rowe, Kathy Marlor

Dow 7th Floor Atrium

3:00 pm

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. -----

JOBS & POST DOCS

1. Manager, Env'l Stewardship & Sustainability Office, U Washington

<https://uw hires.admin.washington.edu/eng/candidates/default.cfm?szCategory=JobProfile&szOrderID=52100&szLocationID=88>

The University of Washington is seeking a temporary, full-time employee responsible for managing the UW Environmental Stewardship and Sustainability Office. The Manager will oversee the day-to-day operation of the Office, the development and completion of the Climate Action Plan, the preparation and completion of reports, the creation and responses to inquiries, and the implementation of decisions and activities arising from the Environmental Stewardship Advisory Committee. The Manager should have experience managing and leading in a diverse environment, have excellent project management skills, have knowledge and experience with use of quality improvement methods, and be highly effective in working with many different people and functions. The successful applicants should also have a Bachelors degree in a relevant field or equivalent experience. An MBA is preferred. The position is open until filled.

2. Chair, Masters of Arts in Env'l Studies, Prescott College <http://www.prescott.edu/jobs/index.html#mapes>

Prescott College (AZ) seeks to fill a full-time graduate faculty position in Environmental Studies pending budget authorization. The area of disciplinary expertise is open, but preference will be given to candidates whose work demonstrates the ability to apply quantitative and/or natural science methodologies within the interdisciplinary field of critical Environmental Studies. The successful candidate should have the administrative and academic experience required to serve as the Chair of Environmental Studies in the Master of Arts Program. General responsibilities include overseeing academic aspects of the graduate program in Environmental Studies including overseeing the work of Associate Faculty in a collegial atmosphere; serving as Core Faculty, overseeing the work of graduate students and their advisors; and designing workshops, seminars, online learning environments, and other educational opportunities for students and faculty. Qualifications include a minimum of 3 years of teaching experience at a post secondary level, a demonstrated ability to develop and implement innovative educational programs, and an earned doctorate in an area relevant to the interdisciplinary field of Environmental Studies. Review of applications will begin February 15, 2009 and will continue until position is filled.

3. Canada Research Chair, Sustainable Dev, Thompson Rivers U

<http://chronicle.com/jobs/id.php?id=0000591188-01&pg=s&cc=>

Thompson Rivers University (BC) is seeking expressions of interest for a Tier 1 Canada Research Chair in sustainable development. The Chair will be an associate professor or professor in an appropriate academic department, play a vital leadership role in stimulating interdisciplinary research among colleagues at TRU, and will guide student research. Review of applications will begin March 1, 2009 and will continue until the position is filled.

4. Postdoc Fellow, Env'l Studies & Sustainability, Washington & Lee U <http://www.wlu.edu/x29996.xml>

Washington & Lee University (VA) announces an opening for an Environmental Studies and Sustainability Post-Doctoral Fellowship. The area of expertise is open, but applicants with interests in the social sciences and humanities with an interest in interdisciplinary approaches to sustainability are encouraged to apply. The successful candidate will teach core courses and electives related to their expertise in the Environmental Studies curriculum. The role of the Postdoctoral Fellow will be to enhance the treatment of sustainability in the

Environmental Studies curriculum and to further integrate the Environmental Studies program with our other interdisciplinary programs. The Fellow position is funded by a grant to the Associated Colleges of the South from The Andrew W. Mellon Foundation and the starting date is July 1, 2009. Applications will be accepted until February 15, 2009.

5. Visiting Fellow, Energy, Drexel U

<http://chronicle.com/jobs/id.php?id=0000591490-01&pg=s&cc=>

Drexel University (PA) invites applications for a Visiting Fellow in Energy. The successful candidate should have a Ph.D. or other appropriate terminal degree in the humanities, social sciences, or public policy with expertise in the following areas: energy and environmental sustainability; energy policy, U.S. and global; energy markets and regulation; and alternative energy sources and technologies. The Visiting Fellow will serve as part of a teaching team for three courses over the 12-month appointment, and will provide part-time administrative assistance to the Director of the program. The position will begin August 31, 2009. The review of applications will begin March 1, 2009 and will continue until the position is filled.

6. Assistant Professor, Sustainability, Slippery Rock U

<http://www.sru.edu/pages/15476.asp>

Slippery Rock University of Pennsylvania seeks an Assistant Professor of Sustainability in the Department of Geography, Geology, and the Environment. The selected candidate will be responsible for teaching introductory environmental courses, upper division courses in her/his area of expertise, and contributing to the department's newly developed Master of Science in Sustainable Systems. Preference will be given to candidates who also demonstrate the ability to teach one or more of the following courses: Principles of Sustainability, Energy and Society, Green Building Design, and Planning for Sustainable Communities. A Ph.D. at time of appointment is required. Review of complete application materials will begin on March 13, 2009 and will continue until the position is filled.

7. Adjunct Instructor, Sustainability, St. Petersburg College

<http://www.higheredjobs.com/search/details.cfm?JobCode=175359213>

St. Petersburg College (FL) invites applications for an Adjunct Instructor position in Sustainability. A Masters or Doctorate degree with 18 credits hours in management with a focus on sustainability, construction, and/or environmental management coursework is required. Responsibilities will include teaching undergraduate level courses in the Technology Management Program and developing both classroom and online courses. The position is open until filled.

8. Director of Development, Solar College Initiative <http://www.idealists.org/ifa/en/av/Job/326172-72/c>

The Solar College Initiative seeks an immediately available, experienced, mission-driven, and dynamic Director of Development to lead all aspects of fund-raising for the organization. The successful applicant will design and drive development efforts to meet revenue goals from a variety of sources including foundations, corporations, individuals, government, and events. Working closely with the Senior Management Team to build the organization's growth strategy, the Director of Development will ensure that fund-raising strategies align with the goals and direction set forth in the strategic plan and guarantee organization-wide financial sustainability. Qualifications include at least 7 years of demonstrated success building and leading the development function in fast-paced, entrepreneurial nonprofit organizations; substantial experience designing and implementing comprehensive fund-raising plans; and a Bachelors degree or equivalent. An advanced degree is preferred. The deadline to apply is February 15, 2009.

INTERNSHIPS, FELLOWSHIPS, SCHOLARSHIPS & OTHER STUDENT OPPORTUNITIES

1. Summer School on Green Chemistry and Sustainable Energy - Grad Students and Postdocs only

July 22-30, 2009 at the Colorado School of Mines

The American Chemical Society invites applications for the ACS Summer School on Green Chemistry and Sustainable Energy. The Summer School is open to graduate and postdoctoral students studying in the Americas. Details on the program and application process may be found at www.acs.org/greenchemistry/education <<http://www.acs.org/greenchemistry/education>>. The deadline for applications is March 13, 2009.

NEW RESOURCES

1. Biodegradable Resources, an eco-friendly green manufacturers' representative company

New Michigan Green Company: Biodegradable Resources, an eco-friendly green manufacturers' representative company. One early company they're representing makes high-quality paper chlorine-free, as well as tableware, from bagasse, a byproduct of sugar cane processing. Richard Tapper, one of the co-founders, said the tree-free, biodegradable sugar cane paper and tableware items provide food vendors and companies an eco-friendly alternative that can be recycled or compostable within 90-120 days. You can check out the company's new line at www.biodegradableresources.com.

2. CFP Sustainability: The Journal of Record <http://www.liebertonline.com/cookieabsent.html>

Sustainability: The Journal of Record is preparing an article on common devices or products that will be obsolete within the next 10 years (or longer) due to society's shift to a more eco-friendly environment. We are seeking your input on the efforts made by your company, university, or association to keep up with this ever-evolving green technology. What item or items do you think will be gone within the next decade and how are you preparing for this item's demise? Please submit your response by Feb. 25 to sustainability@liebertpub.com Read a free issue online now <http://www.liebertonline.com/cookieabsent.html>

View Table of Contents and sign up for alerts <http://www.liebertonline.com/sus?cookieSet=1>

EVENTS & CONFERENCES

1. Power Shift 09: Reclaiming Repowering our Future: Historic National Youth Summit

Feb 27th to 29th Washington DC

Sponsored by Clean Air Cool Planet

Join us together with 48 partner organizations in the Energy Action Coalition. We will bring 10,000 young people to Washington to hold our elected officials accountable for rebuilding our economy and reclaiming our future through bold climate and clean energy policy. As a participant in Powershift 09, you will experience four days of lobbying, learning, dancing, inspiration and empowerment. See what politicians are saying.

Register by Saturday at <http://www.powershift09.org> and get a 30% discount with this code: 2342393423902.

2. Invitation and Call for Participation: International Workshop on Wind Energy in Nairobi, Kenia, Sept 14-16, 09

The Workshop will bring together African, Western and Asian specialists in the area of low cost renewable energies for developing countries, to discuss wind energy technologies, their reliability and perspectives in developing countries. The webpage of the Workshop is http://www.risoe.dtu.dk/Conferences/Kenya_workshop2009.aspx

Links: Workshop 2008: http://risoe-staged.risoe.dk/Conferences/Nepal_workshop2008.aspx

Report:

http://www.risoe.dtu.dk/About_risoe/research_departments/AFM/CV/lemi/lemi_cv/%7E/media/Risoe_dk/About_Risoe/AFM/CV/Images/lemi%20WSNep.ashx

3. First World Young Earth-Scientists Congress 2009, Oct 25-28th at China University of Geosciences in Beijing

The Young Earth Scientists for Society (YES) network, an association of earth scientists under the age of 35 years representing geological societies from around the world, in collaboration with the International Year of Planet Earth (IYPE), is organizing a world congress for young earth scientists, policy makers, advisors and decision makers.

The conference will discuss global climate, environmental and geological challenges facing today's society, and to establish an interdisciplinary global network of individuals committed to solving these challenges. The YES Congress will be held at the China University of Geosciences, in Beijing, China from October 25-28, 2009.

yes-network@apat.it

4. Great Energy Efficiency Day 2009 | Wednesday, March 4, 2009 | Washington, DC

Join over 400 stakeholders from business, industry, government, academia on March 4th in Washington, D.C. for the opportunity to hear from leaders in the US Congress, Natural Resources Defense Council, Conservation Services Group, Inc., U.S. EPA, Intel, Alliance To Save Energy, Electric Power Research Institute, American Public Transportation Association, New York State Energy Research and Development Authority, National Governors'

Association, National Association of State Utility Consumer Advocates, and others. As with past years, there is no admission fee for attending the 2009 Great Energy Efficiency Day; however, you must register online. For more information visit www.ase.org/geed.

5. Conference Announcement And Call For Papers: Sustainable Innovation 09

Towards a Low Carbon Innovation Revolution 26th-27th Oct Farnham Castle , Farnham , UK

Organised by: The Centre for Sustainable Design (www.cfsd.org.uk)

Abstracts due 30th March 2009

Sustainable Innovation 09 will provide a platform to discuss the future opportunities and challenges related to the design, development and commercialisation of low carbon innovation, technologies, products and services.

Sustainable Innovation 09 will include invited and refereed papers from academics, consultants, entrepreneurs, investors, technology providers, designers, sustainability, environment and Corporate Social Responsibility (CSR) managers as well as other business functions. The event will be a unique learning experience, networking space and an opportunity to think. Delegates will come globally from large companies, entrepreneurs, as well as academia, government and non-governmental organisations (NGOs). The conference is supported by an international Advisory Board.

Sustainable Innovation 09 welcomes conceptual and research-based papers covering sustainable innovation, technology, product and service design and development. Papers focused on low carbon solutions and sustainable innovation are particularly welcomed:

Email: mcharter@ucreative.ac.uk Website: www.cfsd.org.uk

6. Lean and Green Summit-- June 8-9 in Savannah, GA www.leanandgreensummit.com

Peter Senge: Author of The Fifth Discipline and The Necessary Revolution

Rand Waddoups: Wal-Mart's Senior Director, Strategy and Sustainability

Roger Saillant: Former 30-year VP of Ford Motor Company

Registrations WILL be limited to maximize interaction with presenters and peers, so lock in your spot today for this June 8-9 event in Savannah, GA. Register in February using promo code "february" and receive \$200 off the standard registration fee.

www.leanandgreensummit.com

Sign up for the free, monthly Lean and Green News e-newsletter... <http://www.leansummits.com/subscribe/>

7. Fourth annual Green Facilities Conference www.enichols.com/greenconference

Wednesday, March 25 at Calvin College's Prince Conference Center in Grand Rapids

Sponsored by Muskegon-based building maintenance firm Nichols

Keynote speaker will be Norman Christopher, Director of Sustainability of Grand Valley State University. The cost for the Green Facilities Conference is \$75 per person, which includes a continental breakfast and lunch. Anyone who is interested in attending may register by calling Nichols at (800) 442-0213, ext. 111, or by visiting the Nichols Web site at www.enichols.com/greenconference.

8. Call For Papers Advances in Cleaner Production <newsletter@advancesincleanerproduction.net>

2nd International Workshop | Advances in Cleaner Production

"Key Elements for a Sustainable World: Energy, Water and Climate Change"

São Paulo, Brazil, May 20-22, 2009

The International Workshop: Advances in Cleaner Production is a multi/interdisciplinary forum for the exchange of information and research results on technologies, concepts and policies based on Cleaner Production and conceived to assist the desired transition to a sustainable society. The Workshop's theme intends to stimulate the discussion of crucial importance "Key Elements for a Sustainable World: Energy, Water and Climate Change".

Researchers are invited to submit contributions on all topics related to teaching, research, and practice on Cleaner Production. Papers should focus Cleaner Production and especially on the contribution of "Key Elements for a Sustainable World: Energy, Water and Climate Change". Authors devoted to correlated themes are also welcome.

- September, 15th 2008 - Early bird registration and submission of abstracts
 - February, 16th 2009 - Final date for abstracts submission
 - April, 17th 2009 - Notification of full papers acceptance
 - May, 20th to 22nd 2009 - The 2nd International Workshop: Advances in Cleaner Production
- Homepage: www.advancesincleanerproduction.net