

SFI weekly newsletter for the week of April 13, 2009
A weekly service of SFI

SFI NEWS AND ANNOUNCEMENTS

1. SFI's Qiong (Jane) Zhang and co-authors win ASEE Best Paper for 2008
2. SFI plans HUGE Group Photo Op! Please join us!
3. Request from President Mroz to complete Energy Blueprint Survey for Michigan Tech Energy Advisory Group
4. Mining Madness, Water Wars: The Great Lakes in Balance--7:00 pm, Wed, April 22 (Earth Day), Fisher 135
5. 2nd Green Campus Sustainability Enterprise "Green Themed" meeting Thurs, April 23rd at 4pm in Ballroom B1
6. Global City Tuesday--"Risky World - Long-Term Causality: A Holistic View"-- Dillman 214 from 6-7pm
7. Global City & Indian Student Assoc to show *Slumdog Millionaire*, Sunday April 19th, Fisher 135 7pm & 9pm
8. Working toward sustainability in the built environment: notes from the field—Friday April 24th, M&M U113, 2-3

SUSTAINABILITY NEWS

1. Michigan Army National Guard converts to water-based painting
2. Michigan No. 2 among states in 2008 national wind energy growth
3. 66% of High Schoolers Value Info on Colleges' Env'l Commitment

SEMINARS

1. Ground Truthing Sustainable Development Colloquium IV-- Monday, April 20, 2009
2. "Quantifying the Ecological Benefits of Lake Shore Restoration in Northern Wisconsin" Friday, April 24

JOBS & POST DOCS, INTERNSHIPS, FELLOWSHIPS, and SCOLARSHIPS

1. Director of Energy Initiatives, Stevens Institute of Technology
2. Energy Manager, Chapman U
3. Operations Manager, Georgian Court U
4. Assoc Prof, Sustainability & Business Mgmt, St. Petersburg College
5. Program Asst, Env'l Studies, Colgate U

NEW RESOURCES

1. Available from GreenLeaf: *Landmarks for Sustainability: Events and Initiatives That Have Changed Our World*
2. *Sustainability, The Journal of Record* Available Online FREE in Celebration of Earth Day
3. Water News --Google Earth now includes US "Third Coast" Google, Tuesday, April 14, 2009
4. Water worries cloud future for U.S. biofuels *Scientific American*, April 13, 2009

EVENTS & CONFERENCES

1. Lean and Green Webinars--3 Consecutive Days
2. Higher Education Conf & Center for Small Towns Symposium--University of Minnesota, Morris May 31--June 2
3. Midwest Regional Collaborative Sustainability Education Workshop--June 22-26 Northland College, Ashland WI
4. Call for Papers "Embracing Change": Greening of the Campus Conference VIII September 20-23 in Indianapolis
5. IAGLR's 52nd Annual Conf on Great Lakes Research: Bridging Ecosystems & Environmental Health May 18-22
6. CFP: 6th Intn'l Conf on Environmental, Cultural, Economic & Social Sustainability--UofCuenca, Ecuador 1/5/10
7. Webinar: Achieving Grid Neutral Schools Today May 21, 2009; 2 – 3pm EDT
8. Local Carbon Offsets 101 Webcast June 30, 2009; 1 -2:30pm EDT
9. Lean and Green: The Sustainability Path in a Tough Economy May 27-29, 2009; Boston, MA
10. ACPA Institute on Sustainability June 11-13, 2009; Harvard University; Cambridge, MA
11. IBM Smarter Planet University Jam, online April 21st to 23rd

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. SFI's Qiong (Jane) Zhang and co-authors win BEST PAPER

The Environmental Engineering Division of American Society for Engineering Education (ASEE) selected the 2008 paper "Civil and Environmental Engineering Education Transformational Change: Tools and Strategies for Sustainability Integration and Assessment in Engineering Education" by Qiong (Jane) Zhang, James Mihelcic, and Linda Vanasupa for its Best Paper Award for 2008! Although Qiong (Jane) Zhang, SFI's Operations Manager, claims the award comes as a surprise to her, it is not a surprise to those who know her for the careful and thorough attention she gives to all her work and for her passion for integrating sustainability throughout engineering education. Her co-authors are James Mihelcic, former Co-Director of SFI and now at the University of Southern Florida, and Linda Vanasupa, Professor and Chair, Materials Engineering Department, California Polytechnic State University. Jane will accept the award at the American Society for Engineering Education annual conference in Austin, TX in June.

2. SFI plans HUGE Group Photo Op! Please join us!

As many SFI members as possible are invited and encouraged to participate in a HUGE Group Photo during the week of April 27th. Precise time and place to be announced shortly. This photo will be the cover on a brochure sent to key potential SFI partners and/or funders. Please alert your students and others with an interest in SFI activities to join us. Our intention is to increase national visibility for SFI and Michigan Tech among others interested in sustainability research and education.

3. Request from President Mroz to complete Energy Blueprint Survey for Michigan Tech Energy Advisory Group

NOTE: This survey is different from the commuter transportation survey also making the rounds.

Dear Michigan Tech Faculty, Staff and Students:

Your input is essential in charting Michigan Tech's energy future. The University's Energy Advisory Group is currently developing an Energy Blueprint that will guide the University for the next ten to thirty years. I am requesting that you participate in this process by responding to an energy survey that is anonymous and takes 10-20 minutes to complete.

This link will take you to the survey:

https://www.surveymonkey.com/s.aspx?sm=c3bv1W8JisF_2btXALOEXGjA_3d_3d

I appreciate your willingness to assist the University in planning the future direction of energy and sustainability on campus.

Glenn Mroz
President

4. Mining Madness, Water Wars: The Great Lakes in Balance--7:00 pm, Wed, April 22 (Earth Day), Fisher 135

Sponsored by the Society for Environmental Engineering, this 33 minute documentary illustrates the stories behind a controversial proposal to develop a mine in Michigan's Upper Peninsula. The documentary describes scientists', community activists', and tribal officials' views on the project's flaws, which could place workers in peril and jeopardize a Lake Superior tributary and its watershed, and the lack of responsiveness of the government agencies responsible for reviewing permit applications from the company proposing the mine.

Following the showing of the film, there will be a question and answer session with several of the activists and scientists featured in the film, including Michelle Halley, Senior Manager, National Wildlife Federation, Cynthia Pryor, Executive Director, Yellow Dog Watershed Preserve, Stan Vitton, Mining Engineer and MTU Professor, Jack Parker, Mining Engineer, and David Flaspohler, Wildlife Biologist and MTU Professor. "Mining Madness, Water Wars: The Great Lakes in the Balance" was underwritten by the Charles Stewart Mott Foundation and produced by Brauer Productions, Inc. and Summit Public Relations Strategies, LLC.

5. 2nd Green Campus Sustainability Enterprise “Green Themed” meeting, Thursday, April 23rd, 4pm, Ballroom B1

Michigan Tech’s newest enterprise (GCE) is working in groups to achieve carbon neutrality on campus. To improve communication between the various Michigan Tech organizations devoted to sustainability, the Green Campus Enterprise invites like-minded groups to send a representative to the second ‘Green Themed’ meeting on Thursday, April 23rd at 4pm in Ballroom B1 in the MUB. During this meeting representatives will briefly discuss what each group is working on. All will benefit from a community of knowledge of past accomplishments, helpful contacts, and calculated and researched data. All are invited.

The Green Campus Enterprise is also heading a ‘Going Green at Michigan Tech’ info session during orientation week next year that your organization is welcome to participate in. More information about this event will also be discussed at the meeting. We believe that working together is extremely important to achieve our common goal of carbon neutrality and a Greener campus. We hope to be hearing from you soon. Feel free to email me with any questions or concerns at jsrobins@mtu.edu .

6. Global City Tuesday--“Risky World - Long-Term Causality: A Holistic View”-- Dillman 214 from 6-7pm

Global City will have its last meeting of the year on April 21st in Dillman 214 from 6-7pm with guest speaker, Dr. Howard Qi from the Business and Economics program at Michigan Tech.

Abstract:

The current economic crisis will likely have a long-term impact on everyone in our global community. There is much debate on what caused it. I will briefly review this issue from the methodological and theoretical perspective. In particular, I raise questions about the foundation of the scientific methods we are used to (especially in financial economics). From there, I extend the analysis to general risk management and decision-making areas. The presentation is not restricted to financial economics, it may also touch on how we view complex systems (such as human behaviors) and whether we can make better decisions under uncertainty. In discussing these topics, I will make some ad-hoc comparisons between western and eastern perspectives. Pizza and drinks are provided thanks to the support of the Graduate Student Council. Remember let's make our Global City greener: "Bring Your Own Cup!"

7. Global City & Indian Student Assoc to show *Slumdog Millionaire*, Sunday April 19th, Fisher 135 7pm & 9pm

Global City and the Indian Student Association (ISA) are pleased to invite you to a special showing of the internationally acclaimed movie: *Slumdog Millionaire*. The film recounts the epic story of a young boy from the slums in India and how every single event of his life will shape his destiny. It is also a movie about the difficult lives of many children around the world and the daily challenges that they have to face in order to survive.

For more information about the film <http://www.imdb.com/title/tt1010048/> The movie is free. Donations will be accepted and sent to a children non-profit organization in India. Special Thanks to Filmboard and the Undergraduate Student Government for their help and support.

8. Working to sustainability in the built environment: notes from the field—Friday April 24th, M&M U113, 2-3

Speakers: Elly Bunzendahl and Chris Edlin, O'Brien & Company

O'Brien & Company provides a wide range of services to work toward sustainability of the built environment. O'Brien & Company is a nationally recognized leader in green building design and construction consulting. The firm has consulted on projects to encourage the integrated design process and implement a wide variety of rating systems, including many versions of LEED and Built Green. From large college campus buildings to single-family homes, clients choose any level of support to receive the help they need. O'Brien & Company assists the public and private sector in the design of programs, plans, and policies that aim to empower organizations to improve their own processes and enact positive change. The company also runs the Sustainable Development Training Institute which provides engaging, effective learning experiences that transform practitioners into change agents for a more sustainable built environment. With each course, SDTI focuses on creating highly informed students who are prepared to implement responsible effective strategies on a practical level.

Questions we'll aim to answer during this seminar include:

What is an ecocharrette?

What is the integrated design process (IDP)?
What is a day in the life of a 'sustainability consultant' like?
How can Servant Leadership be threaded throughout the work of consultants, especially engineers and scientists?

Chris Edlin and Elly Bunzendahl, alumni of our Environmental Engineering Programs, are available to meet with individuals or groups next Friday, April 24th at times except during their 2-3 pm presentation. They are interested and willing to meet with us to discuss their current work. Please contact Katy Marlor (kmmarlor@mtu.edu), who is managing their itinerary, to schedule up a time to meet with them. Costs (within reason) for accompanying to meals can be reimbursed by the STEM Program, which is sponsoring their visit.

SUSTAINABILITY NEWS

1. Michigan Army National Guard converts to water-based painting

The Michigan Army National Guard's Combined Support Maintenance Shop in Lansing, home to the only full repainting facility for the Guard in Michigan, says it has switched over to water-based Chemical Agent Resistant Coating paints. The water-based CARC and primer contain no hazardous air pollutants and therefore have significantly reduced air emissions of volatile organic compounds. The switch to water-based CARC paints also significantly reduces the facility's hazardous waste stream and disposal costs for painting operations.

<http://www.wwj.com/Michigan-Army-National-Guard-Converts-to-Water-Bas/4217242>

<http://www.wwj.com/pages/4217242.php>

2. Michigan No. 2 among states in 2008 national wind energy growth

Some 24 states saw new wind turbine and component manufacturing plants opened, expanded or announced in 2008, according to the annual wind energy industry rankings report released today by the American Wind Energy Association. The new listings, based on 2008 year-end numbers, show Texas leading in wind capacity and largest wind farms installed, Minnesota and Iowa both generating over 7 percent of their electricity from wind, and Indiana as the state with the fastest growth in wind on a percentage basis. Michigan was the No. 2 state in wind energy growth on a percentage basis

<http://www.wwj.com/Michigan-No--2-Among-States-In-2008-National-Wind-/4194627>

3. 66% of High Schoolers Value Info on Colleges' Env'l Commitment

The Princeton Review 2009 "College Hopes and Worries Survey" has found that 66 percent, up 3 percent from 2008, of respondents would value the ability to compare college and universities based on their commitment to environmental issues. Nearly a quarter said this information would very much or strongly affect their college decision. The survey interviewed 12,715 high school students applying to college and 3,007 parents of college applicants.

http://www.princetonreview.com/uploadedFiles/Test_Preparation/Hopes_and_Worries/colleg_hopes_worries_de tails.pdf

SEMINARS

1. Ground Truthing Sustainable Development Colloquim IV: "Encouraging policies and investments that reflect the value of water in the developing world." Monday, April 20, 2009

Josh Johnson and Ryan Biehl, MTU S-STEM Program
6th Floor Atrium DOW Bldg 3:00 pm

2. "Quantifying the Ecological Benefits of Lake Shore Restoration in Northern Wisconsin" Friday, April 24 Forestry G002 8am

MS Defense: Daniel Haskell, Applied Ecology
David J Flaspohler, Advisor

JOBS & POST DOCS & INTERNSHIPS, FELLOWSHIPS, and SCOLARSHIPS

1. Director of Energy Initiatives, Stevens Institute of Technology

Stevens Institute of Technology (NJ) seeks a Director of Energy Initiatives to accelerate the growth of Stevens' research enterprise in the domain of environmentally responsible energy conversion, storage, distribution, security, and resiliency. The Director of Energy Initiatives shall manage energy and energy-related projects designated by the Provost and University Vice President and President. The scope of these energy initiatives shall include the conversion of energy resources from conventional and more environmentally responsible sources including wind, water, solar, and biomass; the storage and use of stored energy; and the control of energy and energy distribution within micro-grids and larger infrastructures. The successful candidate should have an established track record of building and directing a research enterprise of at least \$50M per year of sponsored research in multiple heterogeneous research programs, either as a stand-alone enterprise or within a substantially larger corporate structure. <http://www.higheredjobs.com/search/details.cfm?JobCode=175367647>

2. Energy Manager, Chapman U

Chapman University (CA) seeks an Energy Manager to focus on campus energy consumption and cost. The position will analyze campus energy needs and research and implement both behavioral and technological means to reduce consumption in a cost effective manner. In addition, the successful candidate will advance the Chapman recycling and sustainability programs, meeting with vendors, providers, and various campus groups to promote recycling efforts. A Bachelor's degree in a related technical, scientific, or engineering discipline or equivalent career experience is required. The position is open until filled.

<http://www.higheredjobs.com/search/details.cfm?JobCode=175368476>

3. Operations Manager, Georgian Court U

Georgian Court University (NJ) seeks an Operations Manager to direct and coordinate activities of workers engaged in the repair, maintenance, and housekeeping of the grounds and buildings at GCU. Responsibilities include regularly inspecting buildings and grounds to ensure conformance with established quality standards and applicable regulations; providing supervision, training, and evaluation of facilities supervisors and staff in accordance with the University's policies and procedures; and implementing recycling and waste minimization, energy conservation, and sustainability initiatives. A Bachelor's degree or relevant experience is required. Review of applications will begin immediately and continue until the position is filled.

<http://www.higheredjobs.com/search/details.cfm?JobCode=175368268>

4. Assoc Prof, Sustainability & Business Mgmt, St. Petersburg College

St. Petersburg College (FL) seeks an Associate Professor of Sustainability and Business Management to instruct and assist the College in developing and maintaining a quality program of instruction. Applicants should have at least 5 years of experience in Business Administration and/or Sustainability Management. A doctorate degree is strongly preferred. <http://www.higheredjobs.com/search/details.cfm?JobCode=175368128>

5. Program Asst, Env'l Studies, Colgate U

Colgate University (NY) seeks applications for the position of Program Assistant to the Environmental Studies (ENST) Program for the 2009-2010 academic year. Job responsibilities include organizing the Environmental Studies brownbag lecture series, designing the semiannual newsletter, keeping the ENST web site up to date, compiling and disseminating information for ENST majors, and assisting the Program Director with the day-to-day running of the program. The Program Assistant will serve as the liaison with the campus sustainability coordinator and other related campus organizations. Review of resumes will begin immediately and will continue until the position is filled. <http://www.higheredjobs.com/search/details.cfm?JobCode=175368052>

NEW RESOURCES

1. Available from GreenLeaf: *Landmarks for Sustainability: Events and Initiatives That Have Changed Our World*

Written by Wayne Visser on behalf of the University of Cambridge Programme for Sustainability Leadership

Published 3 April 2009 | 200 pp | 200 x 160 mm | paperback

ISBN 978-1-906093-17-4 | List price: £25.00 €37.50 \$45.00

A high-impact, full-colour, up-to-the-minute guide to the key events and in initiatives of the last 20 years, this is an inspiring, fact-filled read. Read the Climate Change section for free (436k PDF). Order online now and receive 10% discount on the published price. <http://tiny.cc/ONYIn>

2. Sustainability, The Journal of Record Available Online FREE in Celebration of Earth Day

New Rochelle, NY, April 16, 2009—In recognition of Earth Day 2009 activities, publisher Mary Ann Liebert, Inc., will provide complimentary online access to the bimonthly journal, *Sustainability: The Journal of Record* for the remainder of the month of April. The purview of this journal supports the Earth Day mission "to grow and diversify the environmental movement worldwide, and to mobilize it as the most effective vehicle for promoting a healthy, sustainable planet." Complimentary access is available online at www.liebertonline.com/sus

3. Water News --Google Earth now includes US "Third Coast" Google, Tuesday, April 14, 2009

4. Water worries cloud future for U.S. biofuels *Scientific American*, April 13, 2009

EVENTS & CONFERENCES

1. Lean and Green Webinars--3 Consecutive Days

Wednesday Apr 29th, 1:00 pm EDT

The Intersection of Lean and Green:

Creating a Sustainable Enterprise

Presenter: Catherine Greener

<https://www2.gotomeeting.com/register/686067554>

Thursday Apr 30th, 1:00 pm EDT

Creating a Green Value Stream

to Compete and Win

Presenter: Brett Wills

<https://www2.gotomeeting.com/register/843741635>

Friday May 1st, 1:00 pm EDT

Applied Sustainability

Presenter: Dave Gustashaw

<https://www2.gotomeeting.com/register/949288490>

Lean and Green Summit

Join us for the June 8-9 Lean and Green Summit held this year in Savannah, GA.

www.leanandgreensummit.com

2. Higher Ed Conf and Center for Small Towns Symposium at the University of Minnesota, Morris May 31--June 2

The higher education conference is especially for Upper Midwest Association for Campus

Sustainability (UMACS) members and starts May 31 evening-June 2 morning. Hear from engaging speakers, share

sustainability strategies and ideas, and learn more about how Morris is collaborating to become carbon neutral by

2010. Then stay for the Symposium, from June 1-June 3 to engage with other leaders about how to rebuild our

local economies, educate and motivate our communities and capitalize on political change. These two events focus

on the actions we can take now to make change happen. More information and registration

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

3. Midwest Regional Collaborative Sustainability Ed Workshop--June 22-26, Northland College, Ashland WI

The goal of this workshop is to create a space where people who have a shared interest in community-based sustainability initiatives can collaborate over an extended period to share ideas, find solutions, build innovations, and take action. Attend this workshop to learn from others' experiences, share your own expertise, discover the power of systems thinking, explore transformative learning techniques, find a team of co-collaborators, and help

us build a lasting learning community for sustainability education. For more information and registration see the MRCSE website <http://www.mrcse.org/>.

4. Call for Papers "Embracing Change": Greening of the Campus Conference VIII September 20-23 in Indianapolis

Deadline for abstracts for a presentation, poster, workshop, panel, forum, Friday, April 24, 2009! See the submission form and guidelines at www.bsu.edu/greening. Call if you have any questions.

This long running campus sustainability conference is now a partnership between Ball State University and AASHE. This year's theme is "Embracing Change" and the deadline for submitting a session proposal is April 24. Learn more about the conference or submit a proposal: <http://www.bsu.edu/greening/>

This event marks the first such joint endeavor for AASHE and BSU (we normally alternate our conference years) and the first GOC event held off-campus.

This GOC conference will feature more workshops than ever before, a first-ever green campus expo, exciting keynote speakers, and a shared evening reception with another organization, International Institute for Sustainable Laboratories, which is holding its "Labs21" annual meeting in the same facility. Both organizations will open their expo halls to each others' participants that evening.

Check www.bsu.edu/greening for the latest information (registration will open in a few weeks).
<http://www.bsu.edu/greening/callforpapers/>

5. IAGLR's 52nd Annual Conference on Great Lakes Research: Bridging Ecosystems and Environmental Health across our Great Lakes. May 18-22, 2009

University of Toledo, Toledo, OH
<http://www.iaglr.org/conference/>

6. Call for Papers: 6th International Conference On Environmental, Cultural, Economic And Social Sustainability, U of Cuenca, Ecuador 5-7 January 2010

<http://www.SustainabilityConference.com>

We are particularly excited about holding this year's Sustainability Conference in Cuenca, Ecuador, a country of remarkable environmental and cultural resources, that has made significant progress in their sustenance. The Galapagos Islands, for instance, were designated Ecuador's first national park in 1959 and remain one of the most biologically diverse and unique locations in the world. The Cuenca city center, a UNESCO World Heritage Trust site, continues as a site of picturesque and historically important architecture.

This Conference aims to develop a holistic view of sustainability, in which environmental, cultural and economic issues are inseparably interlinked. It will work in a multidisciplinary way, across diverse fields and taking varied perspectives in order to address the fundamentals of sustainability.

The Conference will include numerous paper, workshop and colloquium presentations by practitioners, teachers and researchers. We would particularly like to invite you to respond to the Conference Call-for-Papers. Presenters may choose to submit written papers for publication in the fully refereed International Journal of Environmental, Cultural, Economic and social Sustainability. If you are unable to attend the Conference in person, virtual registrations are also available which allow you to submit a paper for refereeing and possible publication, as well as access to the Journal.

Whether you are a virtual or in-person presenter at this Conference, we also encourage you to present on the Conference YouTube Channel. Please select the Online Sessions link on the Conference website for further details.

The deadline for the next round in the call for papers (a title and short abstract) is 14 May 2009. Future deadlines will be announced on the Conference website after this date. Proposals are reviewed within two weeks of

submission. Full details of the Conference, including an online proposal submission form, may be found at the Conference website - <http://www.SustainabilityConference.com/>.

We look forward to receiving your proposal and hope you will be able to join us in Cuenca in January 2010.

7. Webinar: Achieving Grid Neutral Schools Today May 21, 2009; 2 – 3pm EDT

Project FROG will host "Achieving Grid Neutral Schools Today," a webinar intended for Facilities Managers, operation roles, and decision makers in Public and Private schools, K-12 schools, and colleges and universities. Speakers will include Adam Tibbs, President of Project FROG, and Mark Miller, Founder of Project FROG. <http://xtalks.com/xto344projectfrog.ashx>

8. Local Carbon Offsets 101 Webcast June 30, 2009; 1 -2:30pm EDT

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

9. Lean and Green: The Sustainability Path in a Tough Economy May 27-29, 2009; Boston, MA

Academic Impressions will host "Lean and Green: The Sustainability Path in a Tough Economy," a conference that will offer sustainability coordinators and those charged with organizing sustainability efforts across campus the skills to create a roadmap for promoting a culture of sustainability on campus. The conference will teach participants how to develop and increase sustainability efforts, think and plan strategically for carbon neutrality, develop creative financing strategies for sustainability initiatives, implement innovative strategies for engaging students, faculty, and staff, and track the progress of sustainability efforts on campus. <https://www.academicimpressions.com/conferences/0509-sustainability.php?q=2628x274891yT>

10 ACPA Institute on Sustainability June 11-13, 2009; Harvard University; 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 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 energy technologies; 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/>

11. IBM Smarter Planet University Jam, online April 21st to 23rd



The graphic features the IBM logo and the text "Smarter Planet University Jam". It includes a globe icon and a person's hands holding a globe. The text reads: "A Smarter Planet will be **intelligent, interconnected, and intelligent**. People want it -- you can make it a reality. To get there, innovative ideas and new approaches are required. Take the challenge, help transform the way the world works. An invitation to collaborate! Beginning April 21st, IBM will convene a 72-hour global online conversation (called a "Jam") with faculty, students, IBM business leaders and technologists, and industry partners from across the globe on how technology and business can help build a Smarter Planet in areas such as: Smart Cities, Smart Carbon & Water Management, Smart Grid, Smarter Healthcare, Skills & Education. Remember, April 22nd is Earth Day. Take time out to interact, learn, share ... see you in the Jam! Register below beginning March 23rd. www.collaboratorjam.com/michigan/smarterplanetuniv/registration/". At the bottom, it says: "You will need to use your school e-mail address (no gmail, hotmail, yahoo). Use Internet Explorer 6.0 (or higher) or Mozilla Firefox 3.0 (or higher)".

All faculty, staff, and students of Michigan Tech are invited to participate in a 72 hour "jam" being convened by IBM starting midnight, April 21. In the Jam, IBM will present topics in the following categories: Smarter Planet, Public Safety, Smarter Water, Smarter Cities, and Healthcare. The goal is to have a free and open exchange of ideas in a "public commons" environment. Participants in the *IBM Smarter Planet University Jam* to be held April 21-23 over a 72-hour period -- including Earth Day will:

- * Interact with other faculty and students from across the globe who are committed to this Smarter Planet challenge
- * Learn about new opportunities and best practices
- * Share ideas about the skills needed to best prepare the Smarter Planet technologists of tomorrow

* Hear from select IBMers and other business and technology leaders, as well as peers and independent authorities

To participate, please register with your name and MTU email, and choose Michigan Technological University from the pull down menu at www.collaborationjam.com/minijam/smarterplanetuniv/registration/

Then, on April 21 beginning @ 12:00 Midnight US Eastern Time, click on the link provided after registration and start jamming. Join the 72 hour global online conversation with faculty, students, IBM business leaders and technologists, and industry partners from across the globe on how technology and business can help build a Smarter Planet in areas such as: Smart Cities, Smart Carbon & Water Management, Smart Grid, Smarter Healthcare, Skills & Education. Prompts will be provided.