ESD NEWS

Save the date: The Charles L. Miller Lecture will be on Monday, April 22 in the MIT Faculty Club. Lawrence Bacow, President Emeritus of Tufts and former MIT Chancellor, will present this year’s Miller Lecture. He will talk about “The Future of the Research University in a Digital Age.” Also, last month’s Brunel Lecture by John Reed is now on TechTV and was covered on the Slice of MIT alumni blog. (Note: the lecture starts about 20 minutes into the video, following awards.)

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ESD has received its first national ranking in U.S. News and World Report as part of the new expanded Engineering Specialties category: Industrial/Manufacturing/Systems. (This category used to be just “Industrial/Manufacturing,” but following an 18-month effort by INCOSE, IIE and ASEE, the category was broadened this year to include the engineering of “Systems.”) ESD was ranked 3rd nationally with a score of 4.3 on the 5 point scale. (Georgia Tech leads the category with 4.8, followed by Michigan at 4.6. MIT is co-ranked with Northwestern, Stanford and Berkeley.) The details of the top 10 schools are shown here. Read the MIT News Office coverage of the U.S. News rankings here: “New rankings acclaim MIT’s graduate programs in engineering, business” (MIT News – March 12, 2013).

This related article talks about the value of programs with a systems approach: “Revamped Engineering Programs Emphasize Real-World Problem Solving” (US News & World Report – March 14, 2013), and includes a quote from LGO student Rachel Kelley.

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Professor Nancy Leveson will be leading a second STAMP/STPA workshop at MIT March 26-28. (View conference agenda.) This event was tremendously successful last year, with more than 200 people from 19 countries attending. You can register (for free) online here.

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MIT and Accenture recently announced a five-year research collaboration to develop advanced analytics solutions. The alliance will be headed by Narendra Mulani, senior managing director for Accenture Analytics, and Professor David Simchi-Levi. The alliance’s research aims to close the gap between the advance of analytics technologies and their successful application in specific industry and government environments. Read more here.

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A team including TPP students Zak Accuardi and Yuanjian Carla Li won awards at the U.S. Department of Energy case competition last weekend. The Department of Energy’s Better Buildings Challenge is an effort to reduce the energy use of commercial buildings by 20% by 2020 by catalyzing private-sector investment and innovation. As part of the initiative, DOE runs an annual Better Buildings Case Competition, inviting university energy clubs to propose the best and most innovative solutions to our nation’s energy efficiency problems. Each team was assigned two cases. Accuardi and Li’s team worked
on cases on an energy efficiency strategy for Fort Worth and a business plan to upgrade heating and cooling systems in a big box retail chain. The team won awards for both cases. Read more here.

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Magdalini Papadaki (a postdoc associate working with Gigi Hirsch in the NEWDIGS program at CBI) and Shweta Humad Sharma (Sloan graduate student currently working with NEWDIGS) were part of the MIT Science Policy Initiative delegation that participated in the Congressional Visits Days (March 12-13) to discuss the importance of research funding continuation, in light of the recent sequestration voting in Congress. Read more here.

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The popular MIT School of Engineering website Ask an Engineer featured Professor Noelle Selin this week. Selin answered the question, “Can we safely burn used plastic objects in a domestic fireplace?” (The answer, in a word, is “No!”.) Read the full response here.

PUBLICATION


Note: Jijun Lin is a 2009 graduate of the ESD PhD Program and is currently employed at BP in Houston.

IN THE MEDIA

Additional coverage of Ernest Moniz, nominated as Secretary of Energy
Extensive coverage, a small sampling includes:
“Ernest Moniz’s ‘Clean Coal’ Stance Draws Fire from Environmental Groups “
Huffington Post – March 14, 2013

“How Obama’s Cabinet will shape his second term”
Washington Post – March 11, 2013

“Will Secretary Moniz Put Energy Back Into The Department of Energy?”
Forbes – March 9, 2013

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List of top supply chain thought leaders includes David Simchi-Levi and Yossi Sheffi
“In Search of the Ultimate Supply Chain Thought Leaders”
SCM Operations – March 2013

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John Hansman quoted in Reuters article on Boeing 787 Dreamliner
“UPDATE 4-U.S. NTSB still seeking root cause of Boeing 787 fire”
Reuters – March 8, 2013 (picked up by additional media outlets, such as CNBC Online and Boston.com)

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John Fernandez mentioned in article about MIT senior Marisa Simmons
“Better buildings, better lives”
MIT News – March 15, 2013
Eric von Hippel mentioned in article about innovation in health care
"Recipe for Relevance: Blend Digital Health Developers and Clinical Providers"
Forbes - Online – March 6, 2013

Tom Allen mentioned in article about telecommuting
“The work-from-home tug of war”
USA Today – March 12, 2013

EVENTS

Tuesday, March 19, 2013
ESD Faculty Lunch
No speaker – informal discussion
Location: E40-298
Time: 12-1pm

Monday, March 25, 2013
SDM Systems Thinking Webinar Series: Patient-centric Health Care: An Approach to Product Design and Development
Anand Yadav - Co-founder and product lead, Neumitra
Time: 12pm – 1pm

Wednesday, March 27, 2013
MIT Center for Biomedical Innovation (CBI) Seminar Series
Big Data and Serialization: Enablers for risk-based oversight and management of the biologics product lifecycle
Speaker: Stephen Miles, MBA - Research Affiliate and Consultant, CBI - MIT
Time: 3pm–4pm
Location: E24-401

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