ESD NEWS

Congratulations to Noelle Selin, who has been selected to be an Esther and Harold E. Edgerton Career Development Professor for a three-year term beginning July 1st. This chair appointment is intended to support young faculty members in pursuing new ideas and opportunities in their research.

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The Portuguese Science Foundation (FCT) has renewed its partnership with the MIT Portugal Program, adding a second phase that will carry the relationship through 2017. Read more here.

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The Tata Center for Technology and Design has announced the distribution of the 2013-2014 Tata Fellowships. These fellowships are offered to address the challenges to resource-constrained communities in India by attracting outstanding MIT students to the program. Fellows participate in a variety of events that include interactions with students, faculty, and Tata Center visitors working in related areas of their research. Upon graduation, Tata Fellows will join the prestigious Society of Tata Fellows.

Vivek Sakhrani, an ESD PhD candidate, has been awarded a Tata Fellowship (2013-2014) to study infrastructure public-private partnerships in India. His work in this area is supervised by Professors Richard de Neufville and Donald Lessard.

A number of students in ESD master’s programs have received Tata Fellowships, including: from TPP: incoming students Angi Acocella and Doug Ellman, and from SDM: Andrew Campanell, Padmabhushana (Bhushan) R. Desam, Rajesh Nair, Abhijith Neerkaje, Leena Ratnam and Lesley Yu.

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Congratulations to the AY13 winners of ESD’s new Graduate Student Award for Excellence in Engineering Systems Teaching! Kris Johnson (ORC PhD student) was honored for her work as a TA in ESD.267 and ESD.268 and Tom Heaps-Nelson (ESD PhD ’13) was honored for his work as a TA in ESD.250, ESD.251, and ESD.803.

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ESD PhD students Josephine Wolff and Bill Young (as well as a team member from Harvard) won best written policy brief in the Cyber 9/12 collegiate competition over the weekend.

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The Technology and Policy Program (TPP) hosted the 2013 TMP Consortium meeting at MIT from June 16-18, 2013. This meeting is both a networking opportunity as well as a chance for students to present their work to the academics attending from TMP Consortium membership institutions. The TMP Graduate Consortium, comprising technology and policy programs in North American, European, and Asian universities, was established to provide graduate students in this field an opportunity to share their research and network with students in similar programs. TPP student Michael Craig received the Best Poster Award for his poster: “Power Plant Operations under Dynamic Pricing of NOx AND SO2.”

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The ESD Student Society (ESS) has released its activity report for the academic year 2012-2013. Please find it here.

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The cover story this month on PMI’s flagship magazine PM Network (for its 500,000+ members) is a feature article on the work of Dr. Josef Oehmen and Dr. Eric Rebentisch of the MIT Sociotechnical Systems Research Center. It highlights their work on applying lean management principles to large-scale engineering programs. The article, “Cut Waste, Save Money: The Lean Enablers Equation,” can be downloaded here.

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AgeLab’s Joe Coughlin presented a keynote talk at the Institute of Medicine Forum on Family Caregiving, Washington, DC on June 19. In his talk, “Systems Approach to Technology, Innovation & Family Caregiving,” Coughlin discussed how to align family caregiver behaviors with the creative application of technology to produce improved health outcomes in frail older adults. Addressing issues such as medication compliance, social connectivity and personal care, Coughlin identified a series of research questions and possible national investment strategies for the IOM to address in a national study.

**PUBLICATION**

Robert Rudin (ESD PhD ’11) wrote the paper, "Let the left hand know what the right is doing: a vision for care coordination and electronic health records," recently published in the Journal of the America Medical Informatics Association. It is now available online.

**IN THE MEDIA**

Coverage of this week’s LINC 2013 Conference
“LINC 2013 explores global technology-enabled learning”
MIT News – June 19, 2013 (Also, MIT News Of Note item)
“Virtual Universities Abroad Say They Already Deliver ‘Massive’ Courses”

You can view a Storify collection of social media participation for each day by clicking on the conference dates below:
Sunday, June 16, 2013
Monday, June 17, 2013
Tuesday, June 18, 2013
Wednesday, June 19, 2013

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New publication by Chris Magee and David Broniatowski (ESD PhD ‘10) examines how the seating and speaking order of FDA committee members might affect how they vote
“How seating of FDA committee members might impact their votes"
MIT News – June 11, 2013
Read the paper: "Does Seating Location Impact Voting Behavior on FDA Advisory Committees?" - The American Journal of Therapeutics

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New publication by Richard Larson and Anna Teytelman (ORC PhD ‘12) addresses how to improve flu vaccine allocation
“Allocating flu vaccines to maximize number of people remaining healthy”
MIT News – June 14, 2013
Read the paper: “Multiregional Dynamic Vaccine Allocation During an Influenza Epidemic” – Service Science

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MIT AgeLab’s Michal Isaacson and Hilde Waerstad featured in The Atlantic
“The Next Big Infrastructure Crisis? Age-Proofing Our Streets”
The Atlantic – June 11, 2013

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Article about MIT Corporation mentions Ursula Burns, a member of the ESD Visiting Committee
“MIT Corporation elects 12 term members, five life members”
MIT News – June 7, 2013

EVENTS

Tuesday, June 25, 2013
CBI Seminar Series
“Economic and Technological Drivers of Generic Sterile Injectable Drug Shortages”
Marta Wosinska, PhD: Director for Economics Staff, Office of Planning and Analysis, FDA’s Center for Drug Evaluation and Research (CDER)
Time: 3:00pm, refreshments at 2:45pm
Location: E25-401
Wednesday, June 26, 2013
Crossroads 2013: SCM as Future Enabler
Location: Tang Center Wong Auditorium, E51
Time: 8am-5pm
Read pre-conference white paper by Ken Cottrill and Jim Rice: “Innovative or Inconclusive? Evaluating New Supply Chain Ideas”
Of Note item on MIT News website: “Defining the future of supply chain management”

Wednesday, July 17, 2013
SDM Systems Thinking Webinar
"Applying Systems Thinking to World Hunger: Seeking Solutions in Agriculture, Food Production, and Sustainability”
Hank Roark, senior staff systems engineer and researcher, Deere & Co., and SDM alumnus
Time: 12-1pm

Wednesday, July 17 – Friday, July 19, 2013
The 7th Annual MIT CDO & IQ Symposium
MIT Tang Center, E51
In a June 10, 2013, InformationWeek article, Jeff Bertolucci discusses big data and the upcoming MIT CDO & IQ Symposium. This event, now in its seventh year, focuses on issues of information quality and the increasing importance of the chief data officer (CDO) role.

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