Leah Schouten, LGO Admissions and Career Development Coordinator, has been selected to receive a School of Engineering Infinite Mile Excellence Award. The awards celebration will be held on Wednesday, May 21, at 3:00pm in the Grier Room (34-401).

ESD PhD candidate Ross Collins was a speaker at the World Green Economy Summit (April 15-16 in Dubai). He spoke at this conference as winner of the 2013 Global Energy Essay Contest.

Next week, on May 1, MIT’s Human Resources department presents the second “Careers Across MIT” event. Last year, more than 400 staff members from across the Institute attended this event. This year, the School of Engineering tables will include several from ESD, including research scientists Lisa D’Ambrosio and Afreen Siddiqi, TPP academic program administrator Barbara DeLaBarre, and ESD communications director Stefanie Koperniak. Read more about this event on the MIT website.

Two upcoming CTL events:

Research Fest 2014 - May 22, 2014
The Supply Chain Management master’s students will present the final results of their thesis projects to their sponsor companies, addressing a wide range of supply chain and logistics issues such as 3D printing, increasing access to medicine in Southern Africa, estimating carbon emissions from LTL shipments.

SCALE Alumni ReConnect - May 23, 2014
Alumni from the MIT Global Supply Chain and Logistics Excellence (SCALE) Network are invited back to MIT for a half-day conference and networking. This year’s conference theme is “The Road Less Traveled,” highlighting SCALE alumni who have had non-traditional career paths.

Reminder: Next Friday, May 2, Yaniv Mordecai (Ph.D. Candidate at Technion – Israel Institute of Technology and Ballistic Missile Defense System Engineer at Elbit Systems) will present the “Model-Based Risk-Oriented Systems Engineering (MBROSE) Practical Research Workshop.” (His academic advisors include Dov Dori and Olivier de Weck.) This workshop aims to introduce and demonstrate a

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Read the latest MIT BLOSSOMS news in the April 2014 newsletter.

PUBLICATIONS

“Climate impacts of energy technologies depend on emissions timing” – Morgan R. Edwards & Jessika E. Trancik – Nature Climate Change – Published online April 25, 2014

Note: Nature Climate Change also published a “News and Views” article on this work. See below and in the In the Media section:

News and Views: “Climate change mitigation: Deposing global warming potentials”

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“Conceptual framework for measuring carbon footprint in supply chains” – Jairo R. Montoya-Torres, Edgar Gutierrez-Franco & Edgar E. Blanco – Production Planning & Control (Taylor & Francis) - Published online: March 10, 2014

WORKING PAPER

An updated version of a 2013 paper was added to the ESD Working Papers series:

Gas-Electricity Coordination in Competitive Markets under Renewable Energy Uncertainty

This paper was accepted on April 20, 2014 for publication in a future edition of IEEE Transactions on Power Systems.

Pablo Dueñas
Assistant Researcher, Institute for Research in Technology, Advanced Technical Engineering School, Comillas Pontifical University (Madrid, Spain)

Tommy Leung
PhD Student, Energy Initiative and Engineering Systems Division, MIT

María Gil
Assistant Researcher, Institute for Research in Technology, Advanced Technical Engineering School, Comillas Pontifical University (Madrid, Spain)

Javier Reneses
Assistant Professor, Institute for Research in Technology, Advanced Technical Engineering School, Comillas Pontifical University (Madrid, Spain)
IN THE MEDIA

MIT News article about MIT spinout Cambrian Innovation (co-founder is TPP and ESD PhD alum Matt Silver)
“Brewing up sustainability: Novel system devised by MIT spinout Cambrian Innovation uses microbes to treat, extract power from wastewater”
MIT News – April 25, 2014

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Nature Climate Change News and Views article on work by Morgan Edwards and Jessika Trancik
“Climate change mitigation: Deposing global warming potentials”
Nature Climate Change – April 25, 2014

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Article highlights Noelle Selin’s research
“Redefining sustainability: MIT labs that shape the world”
The Tech – April 25, 2014

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Article by Chris Caplice and Francisco Jauffred
“Balancing Robustness and Flexibility in Transportation Networks”
SupplyChainBrain - March/April 2014

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Article mentions how Humanitarian Response Lab is helping recovery efforts in the Philippines after Typhoon
“MIT responds to Typhoon Haiyan: Community springs to action after the Philippines’ deadliest natural disaster”
MIT News – April 14, 2014

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Richard Larson talks about how Disney theme parks manage long lines
“Disney Theme Parks Reimagining the Wait in Line”
ABC News – April 23, 2014
This story will be featured on tonight’s broadcast of ABC’s 20/20.

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Opinion pieces by Stuart Madnick
“After Target data theft, hackers’ next target is you – Opinion: Cyber criminals are a threat whenever you visit websites”
The Wall Street Journal – MarketWatch – March 17, 2014

“Maybe the search for the Malaysian Airlines plane needed a chief data officer”
Quartz - April 7, 2014
Article about Sandy Pentland’s research
“MIT’s Alex Pentland: Measuring Idea Flows to Accelerate Innovation”
The New York Times – Bits blog – April 16, 2014

Article about community colleges by Thomas Kochan
“America’s (quality) jobs creator: Community colleges”
CNNMoney.com – April 14, 2014

Cynthia Barnhart named MIT chancellor
“Alumni Assume MIT’s Top Academic Posts”
MIT Technology Review – April 23, 2014

Joseph Coughlin among the speakers at upcoming “Booming Tech” event
(May 8, 9:30-11:30am, Westin Boston Waterfront)
The Washington Post – April 16, 2014

Nicholas Ashford mentioned in article on research on illnesses among Gulf War veterans
“Explaining the 'Unexplained' Illnesses of Gulf War Veterans”
The Huffington Post – April 15, 2014

EVENTS

Wednesday, April 30, 2014
ESS Doctoral Symposia
Title: User-centered system design in an aging society: an integrated study on technology adoption
Speaker: Chaiwoo Lee
Time: 12-1pm
Where: E40-262
RSVP: http://signup.mit.edu/ess
(Note: Attendees are asked to RSVP by Monday at midnight. If you sign up, but then are unable to attend, please delete your RSVP by returning to the page.)

Wednesday, April 30, 2014
MIT Sociotechnical Systems Research Center (SSRC) invites you to its next spring seminar in the Conversations on Sociotechnical Systems series.
Title: “The Role of Epigenetics-Mediated Gene Expression in Memory Reconsolidation”
Speaker: Li-Huei Tsai, director of The Picower Institute for Learning and Memory
Time: 4:15-5:30pm
Location: E38-615
Light refreshments will be served.

Friday, May 2, 2014
**Model-Based Risk-Oriented Systems Engineering (MBROSE) Practical Research Workshop**
Time: 8:15am-3:30pm
Location: E40-298

Monday, May 5, 2014
**MIT SDM Systems Thinking Webinar Series**
*Strategy, Simulation, and Analytics for the Complex World of Education*
Daniel J. Sturtevant, ESD PhD and MIT SDM Alumni
Jeanne Contardo, PhD, Independent Education Consultant, Senior Advisor, Business-Higher Education Forum
Time: noon-1pm

Tuesday, May 6, 2014
**Dissertation Defense of Chaiwoo Lee**
Title: User-Centered System Design in an Aging Society: An Integrated Study on Technology Adoption
Committee: O. de Weck (chair), J. Coughlin (thesis supervisor), M. Yang, L. D’Ambrosio
Time: 10am
Location: E40-298

Wednesday, May 7, 2014
**MIT Sociotechnical Systems Research Center (SSRC) invites you to its last spring seminar in the Conversations on Sociotechnical Systems series.**
Title: "Healthcare Systems Improvement Work at the VA: Creating An Evaluation System for Teledermatology"
Speakers: Ashley Mateus, PhD student in Harvard-MIT Health Sciences and Technology and Jordan Peck (ESD PhD and TPP alum), senior staff engineer at the New England Veterans Engineering Resource Center
Time: 4:15-5:30 pm
Location: E38-615
Light refreshments will be served.

Thursday, May 8, 2014
**Dissertation Defense of Paul Grogan**
Title: Interoperable Simulation Gaming for Strategic Infrastructure Systems Design
Committee: O. de Weck (chair), D. Frey, D. Rhodes, J. Sussman, J. Williams
Time: 9am
Location: 3-370

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