ESD NEWS

A paper on the safety of robotic surgery, co-authored by Prof. Nancy Leveson, was selected as the J. Maxwell Chamberlain Memorial paper at the annual meeting of the Society of Thoracic Surgeons.

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Prof. Olivier de Weck's TEDxLakeGeneva talk, “Adapt & Thrive,” has been selected as one of the TEDx Weekly Editor’s Picks. View the Editor’s Picks on the TEDx Talks site here: http://tedxtalks.ted.com.

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The MIT Center for Transportation and Logistics announces the 2014 Supply Chain Excellence Award winners. Now in its second year, this award program has partnerships with five universities’ supply chain and industrial engineering departments, and hopes to add an additional three schools this year. A winner is selected from each department and is awarded a $20K scholarship to attend the MIT Supply Chain Management program. Honorable Mentions receive a $10K scholarship to attend the SCM program. This year’s winners include:

PENN STATE
Markea Dickinson, Supply Chain major – Winner
Jesse Swank, Supply Chain major – Honorable Mention
Leah Davis, Supply Chain major – Honorable Mention
Allie G. McIlvaine, Industrial Engineering major – Winner

ARIZONA STATE
Yonathan Muchacho Vivas, Supply Chain major – Winner
Jessica Lin, Supply Chain major – Honorable Mention

TEXAS A&M
Ming Liu, Supply Chain major – Winner
Catherine Hu, Supply Chain major – Honorable Mention
Christina Ferguson, Supply Chain major – Honorable Mention

LEHIGH UNIVERSITY
Cody Haupt, Supply Chain major – Winner
Angela R. Rodriguez, Supply Chain major – Honorable Mention

PURDUE
Jessica Stahly, Industrial Engineering major – Winner
David Yen, Industrial Engineering major – Honorable Mention

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Registration is now open for MIT CTL’s first online edX course, SC1x - Supply Chain and Logistics Fundamentals, taught by Dr. Chris Caplice, executive director of MIT CTL. The course starts on September 30, 2014 and will run for 11 weeks, covering the fundamental concepts for logistics and supply chain management from both analytical and practical perspectives. More than 1000 people have registered so far.

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On July 6, 2014, 40 students from Latin America arrived on the MIT campus to begin their first summer session of the Graduate Certificate in Logistics and Supply Chain Management program (GCLOG). This year’s class is the largest GCLOG class to date. Over the next three weeks, the GCLOG Class of 2015 will participate in an intensive schedule of lectures, seminars, simulations, and interactive exercises. They will return to MIT in January for SCALE Connect.

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In every issue of the MIT alumni version of MIT Technology Review, the magazine spotlights a half-dozen MIT alumni. The MIT alumni profile archive features the stories of nearly 400 diverse alumni, including some from ESD, such as Missy Brost (LGO alum), Prof. Stuart Madnick, Alan Davidson (TPP alum), and Erica Fuchs (TPP and ESD PhD alum).

WORKING PAPER

A new paper has been added to the ESD Working Paper Series:

Endogenous Control of Service Rates in Stochastic and Dynamic Queuing Models of Airport Congestion

Alexandre Jacquillat
PhD Candidate, Engineering Systems Division, MIT

Amedeo R. Odoni
Professor, Aeronautics & Astronautics and Civil and Environmental Engineering, MIT

PUBLICATION

“The benefits and constraints of temporary sourcing diversification in supply chain disruption and recovery” - Daniel E. Whitney, Jianxi Luo, Daniel A. Heller - Journal of Purchasing and Supply Management (available online June 18, 2014)

IN THE MEDIA

Article on new paper co-authored by Sandy Pentland

“Own your own data”
MIT News – July 9, 2014 (this was the MIT homepage spotlight article)

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Coverage of study co-authored by Valerie Karplus (TPP and ESD PhD alum) on the national and regional impacts of U.S. regulatory policies for mitigating climate change
“Study finds the hidden — and uneven — price of piecemeal energy policies”

Also on MITEI website.

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Article by Chris Caplice and Shardul Phadnis in Harvard Business Review’s blog (currently being edited for inclusion in the front section of the magazine)
“A Better Approach to Infrastructure Planning”

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Seth Lloyd quoted in article about quantum mechanics
“Have We Been Interpreting Quantum Mechanics Wrong This Whole Time?”
Wired – June 30, 2014

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“Book Review: ‘The Upside of Aging’”
USA Today – Online – June 28, 2014

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Article by LGO-affiliated faculty member Zeynep Ton
“Why Companies That Pay Above the Minimum Wage Come Out Ahead”
Forbes – Online – July 1, 2014

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Article by Irving Wladawsky-Berger
“The Complex Nature of Cloud-Based Innovation”

EVENTS

Monday, July 14, 2014
MIT SDM Systems Thinking Webinar Series
“System Architecture for Corporate Innovation: How to Run a Successful Initiative and Deliver Tangible Results”
Mona M. Vernon, SDM ’09, Vice President of Data Innovation Lab, Thomson Reuters
Time: 12-1pm

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Friday, July 18, 2014
Dissertation defense of Jason C. Ryan
Title: Evaluating Safety Protocols for Manned-Unmanned Environments through Agent-Based Simulation
Committee: M. L. Cummings (supervisor and chair), R. John Hansman, Julie A. Shah
Time: 1pm
Location: E40-298

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