ESD NEWS

Professor Daniel Hastings, who last month completed a seven-and-a-half-year tenure as MIT’s dean of undergraduate education, has been appointed to a three-year term as director of the Singapore-MIT Alliance for Research and Technology (SMART), effective Jan. 1, 2014. Read article from the MIT News Office.

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Chris Caplice recently finished co-teaching a week-long executive education course in Kazakhstan on logistics and supply chain management with Dr. David Gonsalvez of the Zaragoza Logistics Center. The course was attended by 25 executives from Kazakhstan Temir Zholy (KTZ), the national railway company of Kazakhstan. (KTZ is the largest employer in Kazakhstan with 180,000 employees—considering that Kazakhstan’s population is only 16 million, this is more than 1% of the population.) This exec course focused on how logistics plays a complementary role to transportation, since the fastest-growing segment in Kazakhstan is container traffic from China to Europe. KTZ’s press release on the course is available here.

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The paper "House of Project Complexity: Understanding Complexity in Large Infrastructure Projects" by Donald Lessard, Vivek Sakhrani, and Roger Miller was awarded Best Paper at the Engineering Project Organization Conference 2013, July 7-11 in Winter Park, Colorado. (This paper was previously listed as ESD-WP-2013-09 in the ESD Working Paper series.) The EPOC conference is sponsored by the Engineering Project Organization Society.

Also, ESD PhD candidate Vivek Sakhrani won one of two Best Poster awards for his poster entitled "Modeling the Technical and Contractual Tradespace of Large Desalination Projects," presented at the same EPOC 2013 conference.

The EPOC conference brings together global leaders, formally establishing a community that includes researchers from engineering, management, business, and sociology who are focused on engineering project organization research.

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Two posters submitted and presented by students working with Prof. Olivier de Weck won 1st place (co-ranked) at the 43rd International Conference on Environmental Systems (ICES), sponsored by AIAA and held in Vail, Colorado from July 14-18, 2013. The conference focuses on topics such as Environmental Control and Life Support Systems (ECLSS), EVA and Thermal Analysis. See here for details regarding the student poster competition. The 1st-place-winning posters were:

- “HabNet: A Generalized Habitat Modeling Environment” by Andrew Owens, Margaret Shaw, Ioana Josan-Drinceanu, Sydney Do and Olivier de Weck
- “An OPM-Based Grammar for Encoding and Synthesizing Life Support System Architectures within HabNet” by Sydney Do and Olivier de Weck

(Electronic copies of the posters will be made available shortly.)
PUBLICATION

Recent Talent Strategies column by Chris Caplice and Shardul Phadnis in Supply Chain Management Review: “Global Virtual Teams: How Are They Performing?”

WORKING PAPERS

Two new papers have been added to the ESD Working Papers Series:

“Airport Congestion Mitigation through Dynamic Control of Runway Configurations and of Arrival and Departure Service Rates under Stochastic Operating Conditions”
Alexandre Jacquillat, MIT Engineering Systems Division
Amedeo R. Odoni, MIT Aeronautics and Astronautics and Civil and Environmental Engineering
Mort D. Webster, MIT Engineering Systems Division

“The impact of high-speed rail and low-cost carriers on European air passenger traffic”
Regina R. Clewlow (Corresponding author), MIT Engineering Systems Division
Joseph M. Sussman, MT Civil and Environmental Engineering and Engineering Systems Division
Hamsa Balakrishnan, MIT Aeronautics and Astronautics and Engineering Systems Division

IN THE MEDIA

Jim Rice named one of DC Velocity’s 2013 “Rainmakers”
“The Rainmakers”
DC Velocity – July 1, 2013

Michael Cusumano quoted in article about Steve Ballmer and Microsoft
“Ballmer’s game plan to put Microsoft back on top”
The Seattle Times – July 12, 2013
(Also picked up in Bloomberg Businessweek)

TPP student Kael Greco featured in Boston Globe article on research on driving stress
“MIT studies seek to limit the stress of driving”

Also, TPP student Arthur Yip profiled on the MITEI website:
“Arthur Yip: Connecting Science and Policy: BP-MIT Energy Fellow discusses his research path and goals” (June 25, 2013)

Transamerica announces long-term research collaboration with AgeLab
“Transamerica Commits to Research Collaboration with AgeLab”
Press release on PR Newswire – picked up by major news outlets
Arnold Barnett (LGO faculty member) talks about plane safety in coverage of San Francisco plane crash
“Despite Asiana Crash, Flying Is Still Safer Than Driving”
Forbes - Online – July 8, 2013

“Capt. Chesley Sullenberger: S.F. airport construction possible factor in crash”
CBSNews.com – July 6, 2013

“Korean Passenger Plane Crashes At SFO; 2 Dead, 182 Injured”
CBS Local – San Francisco – July 7, 2013

Also, Barnett wrote this opinion piece: “Why you won't die in a plane crash” - CNN Opinion – July 9, 2013

EVENTS

Friday, July 26, 2013
(A Global Leaders in Environmental Assessment and Performance (LEAP) webinar – LEAP is a collaboration of MIT’s Center for Transportation & Logistics and Materials Systems Laboratory)
Speaker: Shelly Fuller, Project Manager for the Confronting Climate Change: Fruit & Wine Industry Initiative
Time: 9-10am
Registration is available here.
For more information, please contact Suzanne Greene.

Monday, July 29, 2013
MIT SDM Systems Thinking Webinar Series
“Designing and Operating Safety Systems: The Missing Link”
SDM alumnus John Helferich, former senior vice president of R&D, Mars Inc., and Ph.D. student, MIT Engineering Systems Division
Time: 12pm
Register here

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