ESD NEWS


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ESD is seeking nominations for the Joseph A. Martore Award for Exceptional Contributions to Engineering Systems Education for academic year 2011-2012. Made possible by a generous gift from Joseph A. Martore (MIT 1975), this honor will be given to an ESD community member or group in recognition of outstanding contributions in engineering systems education in the past academic year. Nominations for academic year 2012 are due September 28, 2012, and should be submitted in the form of a letter of no more than three pages to ESD Assistant Director for Administration and Finance Jennifer Kratochwill.

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Prof. Noelle Selin was awarded a new grant from the NSF Atmospheric Chemistry program to support her group's participation in a summer 2013 aircraft measurement campaign called NOMADSS (Nitrogen, Oxidants, Mercury and Aerosol Distributions, Sources and Sinks). The campaign (June 1-July 15) will be based out of Nashville, Tennessee, and research flights will be conducted with the NSF/National Center for Atmospheric Research C-130 aircraft. Her group will provide forecasts, real time modeling, and in-field data analysis to inform measurement and analysis of mercury in the atmosphere over the US, in collaboration with researchers at the University of Washington and others. More info here.

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Dr. David Hartzband, Lecturer, Engineering Systems Division, has been selected as Principal Investigator for a National Institute for Standards & Technology (NIST) grant as part of the National Strategy for Trusted Identities in Cyberspace (NSTIC). NSTIC is a White House program initiated last year in order to promote commerce on the Internet by developing an identity ecosystem that would protect the online privacy of consumers in innovative ways. The NIST grant of $1.99M, titled Patient-Centric Coordination of Care (PCC) will set up a network-based system to manage security, policy enforcement & identity as functions on the network. This will allow a system that is not centralized or federated but can respond dynamically to changes in security, policy or identity status. A pilot system will be deployed at two Health Information Exchanges that will test the network-based functions. The participants in the grant include: San Diego Beacon eHealth Community (San Diego, CA), Gorge Health Connect (The Dalles, OR), Resilient Network Systems (San Francisco, CA), the National eHealth Collaborative (Washington, D.C.) and Aetna Healthcare (Hartford, CN). As Principal Investigator for PCC, Dr. Hartzband will be responsible for technology development, deployment and usage, as well as coordination with the grant participants.
The 2012 MIT Auto-ID Lab Big Data Conference will be on October 9-10 in Bartos Theater. This event brings together an impressive roster of industry leaders, MIT faculty, and standards data organization (SDO) representatives discussing applications in retail supply chain, transportation logistics and mobile retail commerce. Speakers include Edgar Blanco and Marta Gonzalez; you can view the complete agenda here.

IN THE MEDIA

Coverage of inaugural symposium (panelists included some ESD faculty)
“MIT’s place in the world: Inaugural symposium addresses the Institute’s global engagement”
MIT News – September 20, 2012

Joseph Coughlin quoted in AP article about seniors and driving
“Confusing array of license rules reflects angst about aging’s impact on driving”
The Washington Post (via the Associated Press) – September 17, 2012
Also:
“New Research By The Hartford And MIT AgeLab Reveals Top Ten Car Technologies For Mature Drivers”

Mention of research by Elsa Olivetti, Randy Kirchain, and Jeremy Gregory on alkaline battery recycling
“Batteries initiative faces tough challenges”
E-Scrap News – August 2012
(not published online; contact skoperni@mit.edu for a PDF)
Note: View the original research report here. Alkaline battery manufacturers are starting to create a national recycling system and are using this research to inform how they evaluate the environmental performance of the system.

Article about Ziya Deniz Eralp (SDM ’11 and current SDM research assistant)
“A world of OCW benefits: Powering career advancement: Ziya Deniz Eralp’s search for management information and training led him to OCW and ultimately to MIT’s System Design and Management Program”
MIT News – September 11, 2012

EVENTS

Monday, October 1, 2012
MIT SDM Systems Thinking Webinar Series
Managing for Profit: Five Building Blocks of Success
Jonathan Byrnes - Senior Lecturer, MIT
Time: 12-1pm
Wednesday, October 3, 2012
MIT CTL Global Leadership Lecture Series - "Strengthening the US Supply Chain"
Time: 4-5pm
Where: Wong Auditorium - Tang Center (E51-315)
Matthew K. Rose - Chairman and CEO, BNSF

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