ESD NEWS

SDM alum and ESD PhD student Andrea Ippolito was selected as a Presidential Innovation Fellow, working with the US Department of Veterans Affairs. Read the announcement on the White House Blog [here](http://www.whitehouse.gov/blog/2014/09/19/presidential-innovation-fellows-2014).

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ESD PhD and TPP graduate Sgouris Sgouridis is now Associate Professor at Masdar Institute of Science and Technology. [Read more](http://www.esd.mit.edu/about/ESD-PhD-and-TPP-Graduate/Sgouris-Sgouridis-is-now-Associate-Professor-at-Masdar-Institute-of-Science-and-Technology).

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Professor Yossi Sheffi has posted a new LinkedIn Influencer article, “How Will Apple’s Future-Facing Watch Change Your Business?” examining Apple’s impact on product supply chains.

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The [2014 SDM Conference on Systems Thinking for Contemporary Challenges](http://www.esd.mit.edu/events/2014-sdm-conference-on-systems-thinking-for-contemporary-challenges) will be on October 8 in Wong Auditorium.

This year's event features keynotes by:
- James Cook, Vice President and Director, Center for Enterprise Modernization, The MITRE Corporation
- Dr. Catherine Mohr, Vice President of Medical Research, Intuitive Surgical and MIT alum

Additional speakers hail from the SDM alumni and faculty communities and include:
- Andrea Ippolito – an ESD PhD student and SDM ’11 alum (who was named Presidential Innovation Fellow earlier this week)
- Freddie Douglas, III – SDM ’00 and Director, Office of Safety and Mission Assurance, John C. Stennis Space Center, NASA
- Matthew S. Kressy – Director and Senior Lecturer of SDM's new Integrated Design & Management track
- Christopher Berardi – an ESD PhD student, SDM ’11, and Captain, US Air Force
- Michael A.M. Davies – Founder and Chairman, Endeavour Partners; Senior Lecturer, ESD

Also, on October 7, SDM will offer special pre-conference back-to-the classroom sessions where attendees can learn about some of the latest MIT research in systems thinking. Presenters will be:
- Qi Van Eikema Hommes, Lecturer, ESD
- Bryan R. Moser Lecturer, SDM; Researcher, Design Engineering Laboratory, University of Tokyo; President and CEO, Global Project Design
Professor Richard Larson’s SDM Systems Thinking Webinar on Sept. 8, "Move Over, Big Data! How Small, Simple Models Can Yield Big Insights," attracted a record-setting 950 registrants (more than double the previous record number of registrants). You can view the presentation on the SDM website.

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Registration is now open for The MIT Center for Biomedical Innovation’s 2014 BioMAN Summit on Real Time Release, which will be on November 14, 2014, at the MIT Media Lab. This Summit will bring together thought leaders from industry, academia and regulatory bodies for a series of invited presentations and panel discussions that will explore the benefits of Real Time Release paradigms, examine enabling strategies and analytical technologies, and discuss barriers to implementation and how they may be overcome.

IN THE MEDIA

MIT News article on Dava Newman and the BioSuit
“Shrink-wrapping spacesuits”
MIT News – September 18, 2014

A sampling of the extensive additional coverage includes:

“Shrink-Wrapped BioSuit Could Protect Astronauts”
DiscoveryNews – September 18, 2014

“MIT’s futuristic spacesuit works like shrink wrap”
The Washington Post – September 18, 2014

“MIT ‘shrink-wrap’ tech makes a spacesuit sleeker”
The Boston Globe – BetaBoston blog – September 18, 2014

“MIT engineering the next generation of space-wear”
Fox25 – MyFoxBoston.com – September 18, 2014

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Article by Jason Black (ESD PhD and TPP alum) on renewable energy sources
“Implications in grid stability: Replacing coal with renewables”
FierceSmartGrid – September 10, 2014

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Article mentions research of Sandy Pentland and his team at the MIT Human Dynamics Laboratory
“The Workplace of the Future Is Still the Office”
Forbes – Online – September 9, 2014

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Article mentions CTL research on American companies that have announced they are bringing jobs to the US
“Globalization Is in Retreat? Not So Fast”
Michael Cusumano quoted in coverage of Apple
“Apple doesn't need another charismatic leader. It needs Tim Cook”
Guardian.com – September 6, 2014

“Watched: Apple is becoming a very different company, and not just because of its newly unveiled products”
The Economist – Online – September 11, 2014

“What the Apple Watch Says About Apple”

“Four ways that Tim Cook is making Apple his own”
San Jose Mercury News – Online – September 12, 2014

David Mindell quoted in article about the Exosuit, a new advanced diving suit that will give them much more time to probe for new artifacts
“A Superhero of Sorts in a Hunt for Artifacts”

Seth Lloyd quoted in article on time travel
“Time Travel Simulation Resolves ‘Grandfather Paradox’”
Scientific American – Online – September 2, 2014

EVENTS

Monday, September 22, 2014
MIT SDM Systems Thinking Webinar Series
“Migrating to a Global Digital Money Ecosystem”
Irving Wladawsky-Berger, Ph.D., Visiting Lecturer, Sloan School of Management and Engineering Systems Division, MIT
Time: 12-1pm

Friday, September 26, 2014
Dissertation defense of Morgan Dwyer
Title: The Cost of Jointness: Insights from Environmental Monitoring Systems in Low Earth Orbit
Committee: E. Crawley (chair). D. Hastings, Z. Szajnfarber

Wednesday, October 8, 2014
2014 MIT SDM Conference on Systems Thinking for Contemporary Challenges: Systems Thinking for Emerging, Evolving, and Established Leaders
Location: Wong Auditorium

SDM Information Evening
Time: 6-9pm
Location: Bush Room (Building 10, Room 105)
Friday, October 10, 2014
Distinguished Speaker Series: Dave Wheeler, Senior Vice President of Global Supply Chain, Cintas Corporation
Topic: The Journey to a Fully Integrated Global Supply Chain
Time: 12-1pm
Location: W20-306
A light lunch will be served at 11:45am. The lecture will begin at noon.

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