

ACADEMIC SCIENCE TALKS & EVENTS

May 19 (Monday) – May 25 (Sunday)

Getting Into Places: Generally speaking, you can just walk in to events at **MIT, Northeastern, and BU Undergrad**. At **Harvard Medical and BU Medical**, you almost always have to check in with the security guard when you go in. **Harvard Undergrad** is kind of all over the place with regard to security, but you can usually just walk in to things happening at the Science Center and Northwest Bldg. At **Tufts Medical**, you should email either a Tufts buddy (if you have one) or the event organizer, because they only let people who are guests of a specific Tufts person into the building.

All talks are approximately an hour long unless otherwise noted.

NEUROBIOLOGY, IMMUNOBIOLOGY, BEHAVIORAL SCIENCE, & NEURO MISCELLANY

[The Boston/Cambridge neuro-community appears to be hibernating this week.]

CANCER, STEM CELLS, & CELL BIOLOGY MISCELLANY

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
MIT	The role of the p53 pathway in metabolic adaptation and survival	Karen Vousden of Beatson Institute	Biology	Tuesday (5/20), 4:00 pm
BU Main Campus	Center for Future Technologies in Cancer Care Annual Symposium	Wide range of speakers in Biochemistry and Engineering	Center for Future Technologies	Tuesday (5/20), 8:30 pm – 4:30 pm
Harvard Cambridge	The Mechanism of the Hsp90 Molecular Chaperone: New Insights into the Yin and Yang of Client Activation	David Agard of UCSF	Molecular & Cell Biology	Thursday (5/22), 12:00 pm

GENETICS, GENOMICS, PROTEOMICS, & DEVELOPMENT

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
Harvard Cambridge	Growth and Size Regulation in Development & Disease	Tian Xu of HHMI at Yale	HMS	Wednesday (5/21), 4:00 pm

Tufts Medical	Trophoblast Inclusions: A Possible Marker of Autism Spectrum Disorder (ASD)	Harvey Kliman of Yale	Medical	Friday (5/23), 12:00 pm
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ECOLOGY, EVOLUTION, & ORGANISMAL

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
Harvard Cambridge	Hemlock: A Forest Giant on the Edge (Panel Discussion & Book Signing)	David R Foster & Aaron Ellison of Harvard Forest	Museum of Natural History	Tuesday (5/20), 6:00 pm
Eastie	Why Consumers Alone Can't Save Our Fish	Jannifer Jacquet of NYU	New England Aquarium	Tuesday (5/20), 7:00 pm
JP (Arnold Arboretum)	Hellstrip Gardening: Paradise at the Curb	Evelyn Hadden	Arnold Arboretum	Wednesday (5/21), 6:30 pm – 8:30 pm, \$15 for members & \$25 for non-members

MEDICINE & PUBLIC HEALTH

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
BU Medical	Liver, lipid droplets and lipolysis: linking liver metabolism to metabolic disease etiology	Douglas C. Mashek	Medical School	Tuesday (5/20), 10:00 am
BU Main Campus	PHD Defense: Enhancing Brief Interventions for Substance Use: Examining the Influence of Affirmation and Self-Efficacy Strategies on Drug Use Outcomes in Primary Care	Leslie L. Wright of BU	Psychology & Brain Sciences	Wednesday (5/21), 12:00 pm
Online	Delaying Pregnancy and Parenthood	Panel of people from Harvard Public Health	HSPH & WBGH (PRI)	Wednesday (5/21), 12:30 pm

		and the law school		
Harvard Medical	Promoting a Culture of Quality and Safety in a Global Pharmaceutical Manufacturing Environment	Gary C. du Moulin of MCPHS	HMS	Thursday (5/22), 7:45 am – 9:15 am
BU Medical	John McCahan Medical Campus Education Day	Various, almost all BU	BU Medical	Thursday (5/22), 8:30 pm – 3:15 pm
Charles/MGH	What are the Next Questions in Diabetic Retinopathy Research?	Thomas Gardner of University of Michigan	MEEI	Thursday (5/22), 4:00 pm

MICROBES

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
MIT	Generating new oncolytic viruses by reverse and forward genetics: the adenovirus and reovirus experience	Rob C. Hoeben of Leiden University	Chemistry	Monday (5/19), 4:00 pm
Harvard Medical	Cytoskeletal Control of Bacterial Growth	KC Huang of Stanford	HMS MBIB	Tuesday (5/20), 12:30 pm
MIT	Unlikely seafloor-dwellers: from bacterial cables to the energy-limited deep biosphere	Andreas Schramm of Aarhus University	Civil & Environmental Engineering	Wednesday (5/21), 4:00 pm
MIT	The Coevolution of the Gastric Carcinogen Helicobacter Pylori with its Human Host	Sebastian Suerbaum of Hannover Medical School	Bioengineering	Thursday (5/22), 4:00 pm

ENVIRONMENTAL, ATMOSPHERIC, & EARTH SCIENCE

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
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Tufts Medford/ Somerville	Tufts Environmental Literacy Institute	Various. It's an all-week workshop.	Tufts Institute of Environment	Monday (5/19) – Friday (5/23), need to register beforehand
MIT	Drilling Hotspots to Unravel the Mantle Wind	Anthony Koppers of Oregon State University	EAPS	Wednesday (5/21), 3:45 pm
Harvard Cambridge	Climate Dynamics of Condensable-rich Atmospheres	Raymond T. Pierrehumbert of University of Chicago	Harvard Origins of Life Initiative	Wednesday (5/21), 4:00 pm
MIT	Air pollution in China: Scientific and Public Policy Challenges	Tong Zhu of Peking University	EAPS	
Harvard Cambridge	Exploring Planets Near and Far	Anjali Tripathi	SITN	Wednesday (5/21), 7:00 pm – 9:00 pm

CHEMISTRY & PHYSICS

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
MIT	Inorganic Chemistry Seminar: Thomas O'Halloran	Thomas O'Halloran of Northwestern University	Chemistry	Wednesday (5/21), 4:15 pm
MIT	The Science of Soccer	John Bush of MIT plus juggling competition & a musical performance by Receita de Samba	MIT Museum	Saturday (5/24), 11:00 pm – 2:00 pm, but gotta pay museum admission

TECHNOLOGY, ENGINEERING, MATERIALS SCIENCE, COMP SCI, & MATHEMATICS

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
MIT	Expertise in Science and Engineering. How it is Learned and Taught.	Carl Weiman	OEIT	Monday (5/19), 11:00 am

MIT	Roadmap to a "Bionic Ear"	Jerie Voix of Universite du Quebec	CSAIL	Monday (5/19), 3:00 pm
Northeastern	Novel Dielectric Materials for Passive Integration and Electronic Packaging	Hong Wang of Xi'an Jiaotong University	ECE Department	Tuesday (5/20), 10:30 am
MIT	Turtlebot Demo Continued. Robot Sensors	?	Microsoft	Tuesday (5/20), 6:00 pm – 8:30 pm
Somerville	3D Printer Users Meetup	Group discussion	Artisan's Asylum	Wednesday (5/21), 8:30 pm
MIT	Quantum information is (inconveniently!) a gauge theory	Robin Blume-Kohout of Sandia Laboratories	Center for Theoretical Physics	Friday (5/23), 1:30 pm
BU Main Campus	Perfection and Beyond	Maria Chudnovsky of Columbia	Center for Informaton & Systems Engineering	Friday (5/23), 3:00 pm
MIT	The Future of Technology: Benefits and Risks	Alan Alda, George Church, Andrew McAfee of MIT, Jaan Tallinn of Skype, Nobel laureate Frank Wilczek of MIT, and Ting Wu of HMS	Physics & Future of Life Initiative	Saturday (5/24), 7:00 pm – 9:00 pm

INFRASTRUCTURE, SUPPLY CHAINS, & URBAN PLANNING

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
MIT	Climate Change, False Solutions & Impacts on Communities	Jiten Yunam, a journalist from Manipur, India	AID-MIT	Tuesday (5/20), 7:00 pm – 8:30 pm
MIT	Human Wellness Influences Coastal	Various MIT researchers	MIT Sea Grant	Thursday (5/22), 10:30 am – 12:15 pm

	Ecology - A Stakeholder Science Forum			
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LIVING IN THE FUTURE (Technology & Cyberphilosophy)

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
Harvard Cambridge	Healthcare Privacy and Intellectual Property Rights Protection with Accountable Systems	Oshani Seneviratne of MIT	Data Privacy Lab	Monday (5/19), 2:30 pm – 4:00 pm
Northeastern	From Ham to Hogwarts (Uncertainty as the new Norm)	John W. Rendon, CEO/President of The Rendon Group	School of Business	Tuesday (5/20), 5:30 pm – 7:30 pm
Harvard Cambridge	Innovate State: How New Technologies Can Transform Government	Aneesh Chopra, former CTO at the White House	Center for Business & Government	Wednesday (5/21), 12:30 pm

STS (History, Philosophy, Anthropology of Science + Science Policy & Science Communication)

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
Harvard Cambridge	Building Trust from the Bottom Up: U.S.-Chinese Engagement on Nuclear Issues	Tong Zhao of Harvard International Security Program	International Security Program	Monday (5/19), 12:15 pm – 2:00 pm
Central Square in Cambridge	Ruha Benjamin at WGBH NOVA Sci Cafe	Ruha Benjamin of BU	NOVA	Tuesday (5/20), 7:00 pm
Harvard Cambridge	Urban Imaginaries in the Early Modern Ottoman World	Çiğdem Kafescioğlu of Boğaziçi University	Radcliffe Institute of Advanced Study	Wednesday (5/21), 4:00 pm

Harvard Medical	Efficacy of Placebos: A Historian's Perspective	Charles E. Rosenberg of Harvard	Countway & Program in Placebo Studies	Wednesday (5/21): 4:30 pm – 6:00 pm, need to RSVP
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NOT ACTUALLY SCIENCE BUT HARD TO IGNORE

Campus	Name of Talk	Speaker	Sponsor Dept.	Day/Time
Northeastern	Children First: Helping Staff Identify and Address Safety Issues	Jarrold Chin of Northeastern, Pete DiMarzio of Homeland Security, and Colleen Armstrong of REACH Beyond Domestic Violence	Sport in Society	Thursday (5/22), 12:00 pm – 1:30 pm
Harvard Cambridge	What Will the World Look Like with Gender Equality?	Diane Balser of BU	Women Explore Lecture	Thursday (5/22), 11:30 am – 1:30 pm, \$5 for students, \$15 for everybody else
Harvard Cambridge	The Iraqi Refugee Crisis: Lessons for Syria and Beyond	Jill Goldenziel of Harvard	International Security Program	Thursday (5/22), 12:15 pm
Northeastern	Sacrificing, Giving and Doing For the Cause	Joseph D. Feaster of Counsel, McKenzie, & Associates	School of Law	Thursday (5/22), 4:00 pm – 5:30 pm