



COLUMBIA | ENGINEERING

The Fu Foundation School of Engineering and Applied Science

Summer@SEAS 2015

June 3, 2015 – August 5, 2015

June 3	414 CEPSR 12 noon – 2pm	Welcome and Introduction Introduction to Environmental Health and Safety
June 10	414 CEPSR	Building Nanodevices with Biomolecules Professor Henry Hess Associate Professor Biomedical Engineering
June 17	414 CEPSR	Scientific Communication I: Communicating and Cartooning Ideas Professor Jenni Punt Senior Associate Dean for Student Research, CUMC
June 18	lab visit 12 noon	Visit the lab of Professor Sunil Agrawal: Robotics and Rehabilitation Lab (ROAR) includes cable-driven leg exo- skeletons and robot-enhanced mobility applications for children. Mechanical Engineering Department Conference Room 2 nd floor, Mudd
June 23	downtown	Finding Neverland: First come first served, theater tickets
June 24	414 CEPSR	Enabling 5 Next G Wireless Communications with Energy- Efficient Rapid Spectrum Sensors Rabia Tugce Yagicigil, Electrical Engineering Adviser: Professor Peter Kinget, EE Co-adviser: Professor John Wright, EE
June 25	lab visit 12 noon	Visit the lab of Professor Qi Wang: Neural Engineering and control, researching brain-machine interfaces, neural coding of tactile sensations and biomedical instrument- ation. Meet in the lobby, campus level, of the NWC building

July 1	520 Mudd	Silicon Nanophotonics Energy Efficient Computing Inter-Connection Networks Professor Keren Bergman Charles Batchelor Professor of Electrical Engineering
July 7	lab visit	Visit the lab of Professor Henry Hess: Engineering at the molecular scale, design of active nano-systems incorporating biomolecular motors. Meet Henry Palacci,
July 8	520 Mudd	Student exchange/seminar TBD
July 15	520 Mudd	Student exchange/seminar TBD
July 16	lab visit	Visit the lab of Professor Sam Sia: Microfluidics, point-of-care diagnostics, 3D tissue engineering and more. Meet Samiksha Nayak, 339B Engineering Terrace
July 22	520 Mudd	Scientific Communications II: Design and Deliver: Professor Jenni Punt
July 23	downtown	Something Rotten: First come, first served, theater tickets!
July 29	520 Mudd	Scientific Communications III: Design and Deliver Professor Jenni Punt
August 5	520 Mudd	End of summer wrap-up, final presentations!

Additional lab visits will be added to the program. They will ordinarily take place on Tuesdays and Thursdays, from 12 – 2pm.

As of May 27, 2015