# WINTER 2015 SEMINAR SERIES

**Wednesdays at 3:00 PM in PISB 108**

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| JAN 14 | Old Chemistries in New Boxes: System Sympathetic Energy Storage       | Dr. Daniel Steingart  
Assistant Professor  
Mechanical & Aerospace Engineering  
Princeton University |
| JAN 21 | Ultrafast X-ray and Optical Studies of Materials as They Transform     | Dr. Aaron Lindenber  
Assistant Professor  
Materials Science & Engineering  
Stanford University |
| JAN 28 | Radiation Response of Amorphous Metal Alloys                          | Dr. Michael J. Demkowicz  
Associate Professor  
Materials Science and Engineering  
MIT |
| FEB 4  | Multiscale Analysis and Design of Electrochemical Energy Systems and Materials | Dr. Maureen Tang  
Assistant Professor  
Chemical & Biological Engineering  
Drexel University |
| FEB 11 | Taking Control of the Nanoscale with Scanning Programming Microscopy  | Dr. Petro Maksymovych  
Staff Scientist  
Center for Nanophase Materials Sciences  
Oak Ridge National Laboratory |
| FEB 18 | Tracking Condensed Phase Dynamics Via Two-Dimensional Optical Spectroscopy: From Dynamic Equilibrium to Photoinitiated Processes | Dr. Jessica Anna  
Assistant Professor  
Chemistry  
University of Pennsylvania |
| MAR 4  | Battery Science: at the Confluence of Electrochemistry and Materials Science | Dr. Esther Takeuchi  
Distinguished Professor  
Chemistry & Materials Science & Engineering  
Stonybrook University |
| MAR 11 | Chemical Doping in Organic Semiconductors: Challenges and Opportunities | Dr. Antoine Kahn  
Professor  
Electrical Engineering  
Princeton University |
| MAR 18 | TBA                                                                   | TBA                                                                                     |

The MSE Winter 2015 Seminar Series is open to all Drexel University students, faculty, and staff who have an interest in materials science & engineering and related fields.

Abstracts, speaker bios, and video of past seminars are available online at www.materials.drexel.edu/seminars