



Departmental Seminars

3:30pm, Refreshments, A214 Engineering Quad
4:00pm, Seminar, A224 Engineering Quad (Elgin Room)

- September 06 **Pierre-Thomas Brun**, Princeton University
Building with fluids: a lazy approach to fabrication
- September 13 **Friederike Jentoft**, University of Massachusetts Amherst
Nature and Dynamics of Catalytically Active Centers: Insights from In Situ Spectroscopy
- September 20 **Jamie Spangler**, Johns Hopkins University
Reprogramming the immune response through molecular engineering
- September 27 **Ophelia Venturelli**, University of Wisconsin-Madison
Decoding human gut microbiome interaction networks for precision therapeutics
- October 11 **Adrienne Rosales**, University of Texas at Austin
Multiscale Control of Dynamic Hydrogels for Biomedical Applications

Dudley A. Saville Lectureship
Katie Galloway
Massachusetts Institute of Technology

Engineering high-precision, dynamic genetic control systems for cellular reprogramming

- October 25 Refreshments: 3:30 p.m., Maeder Hall Lobby
Lecture: 4:00 p.m., Maeder Hall Auditorium

- November 1 **Julia Greer**, California Institute of Technology
Intelligentsia of Nano-Architected Hierarchical Materials
- November 15 **Damien Guironnet**, University of Illinois Urbana-Champaign
Combining advances in catalysis and flow reactors to program polymer structure and depolymerization of commodity plastics
- November 29 **Ying Diao**, University of Illinois Urbana-Champaign
Understanding Non-Equilibrium Assembly for Additive Manufacturing of Functional Polymers
- December 6 **Zahra Fakhraai**, University of Pennsylvania
Probing confined water and its role in chemical reactions