

Departmental Seminars

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

- September 12 **Seth Fraden**, Brandeis University
Engineering Reaction-Diffusion Networks with Properties of Neural Tissue
- September 19 **Prashant Nagpal**, University of Colorado, Boulder
Quantum Biology: A New Paradigm for Precision Medicine?
- September 26 **Yunfeng Lu**, University of California, Los Angeles
Life is Good: A Journey from Energy Storage to Protein Therapeutics
- October 3 **Nancy Lape**, Harvey Mudd College
An Engineered Education: Design and Optimization Of Engineering Courses
- October 10 **Abigail Doyle**, Princeton University
Mapping Reaction Space Using Machine Learning
- October 17 **Carolyn Koh**, Colorado School of Mines
Natural Gas Hydrates as a Problem or Solution to Energy Applications

Richard H. Wilhelm Lectureship

Joseph DeSimone
Carbon, Inc.

- October 25 Refreshments: 3:30pm, Lecture: 4:00 pm, Maeder Hall Auditorium
- October 26 Lunch: 12:00pm, Lecture: 12:30pm, Maeder Hall Auditorium

- November 7 **Faye McNeill**, Columbia University
Aqueous Atmospheric Chemistry: From The Molecular To The Regional And Global Scales
- November 14 **Omar Matar**, Imperial College London
Modelling and Simulation of Structure Formation in Multiphase Flows
- November 28 **Gregg Beckham**, National Renewable Energy Laboratory
Hybrid Biological and Catalytic Processes to Manufacture and Recycle Plastics
- December 5 **Kate Stebe**, University of Pennsylvania
Geometry, Confinement and Directed Motion of Colloids in Nematic Liquid Crystal
- December 12 **Baron Peters**, University of California, Santa Barbara
Isolated Catalyst Sites on Amorphous Supports: A Wild Frontier for Ab Initio Calculation

