September 19
David Boger
The University of Melbourne
Rheology and the Resource Industries

September 26
Wilfred Chen
University of Delaware
Biomolecular Tools for Sustainable Energy and Improved Human Health

October 3
Adam Weber
Lawrence Berkeley National Laboratory
Understanding Ionomer-Related Transport and Morphology in Polymer-Electrolyte Fuel Cells

October 10
Christine Keating
Pennsylvania State University
Experimental Models for Intracellular Organization Based on Phase Separation in Aqueous Polymer Solutions

October 24
Chinedum Osuji
Yale University
Magnetic Fields and Soft Matter - Functional Materials by Directed Self Assembly of Block Copolymer, Nanowire and Surfactant Mesophases

October 15 & 17
Richard H. Wilhelm Lectureship
Klavs Jensen
Massachusetts Institute of Technology

OCTOBER 15
Chemistry on Demand on Your Desktop
Location: Friend Center, Convocation Room
Refreshments: 3:30 p.m.
Lecture: 4:00 p.m.

OCTOBER 17
Microfluidic Synthesis of Nanostructures
Location: Friend Center, Convocation Room
Refreshments: 3:30 p.m.
Lecture: 4:00 p.m.

November 7
Kostas Konstantopoulos
Johns Hopkins University
Integrating Engineering and Biology in Cancer Research

November 14
Thomas Jaramillo
Stanford University
Catalyzing Chemical Transformations in Renewable Energy: Tailoring Electrocatalyst Materials for Activity, Selectivity, and Stability

November 28
Deborah Hung
Broad Institute of MIT and Harvard—Massachusetts General Hospital
Persistence and Antibiotic Tolerance in Mycobacteria

December 5
Joelle Frechette
Johns Hopkins University
Inchworms and Tree Frogs: Modulation of Interfacial Properties Using External Fields and Surface Topography

December 12
Scott Banta
Columbia University
Engineering the Beta Roll Peptide to Participate in Useful Biomolecular Interactions
Key Message

Human health, energy production, innovation in materials – the broad areas of research at Princeton University's Department of Chemical and Biological Engineering reflect pressing societal needs. They are complex and challenging problems that demand a diversity of viewpoints from the most accomplished and creative people in many fields. That is the motivation behind our fall lecture series. We are proud to bring together this spring outstanding speakers from around the world as outlined in this booklet.

Please join us. The vibrant conversations sparked by these talks have proven time and again to yield fruitful new lines of research and collaborations that have lasting benefits for society.