



IOWA STATE UNIVERSITY

Department of Chemical and Biological Engineering

Graduate Seminar Series

www.cbe.iastate.edu/events

2014-2015

DATE	SPEAKER	TITLE
September 25	Ian Schneider Iowa State University	"Engineering Approaches for Understanding Cancer Cell Interactions with the Tumor Microenvironment"
October 30	Hank Foley University of Missouri <i>Wilkinson Lecture</i>	"The Design and Preparation of a New Shape Selective Pt-C Cat with High Effectiveness for Liquid Phase Reactions"
November 6	Brian Anderson Abbott Labs	"Chemical Engineering at AbbVie"
November 13	Emily Smith Iowa State University	"Scanning Angle Raman Spectroscopy: Chemical and Structural Measurements of Polymer Organic/Inorganic Hybrid Films"
December 4	David Mooney Harvard University <i>Stanley Lecture</i>	"Biomaterial-based, Therapeutic Cancer Vaccines"
December 11	Christopher Rao CANCELLED University of Illinois, Urbana	"Systems for Synthetic Biology"
January 15	Sanjay Kumar University of California - Berkeley	"Cells and Extracellular Matrices as Smart Materials: Dissecting and Rebuilding Mechanobiological Units"
January 29	Michael Tsapatsis University of Minnesota	"2- Dimensional Zeolites for Catalysis and Separations"
February 5	Iris Rivero Iowa State University- IMSE	"Reengineering the Human Body"
February 12	Jonah Erlebacher Johns Hopkins	"Are we there yet? Advanced Catalysts for Automotive Fuel Cells via Electrochemical Dealloying"
February 26	Chaitan Khosla Stanford University <i>LK Doraiswamy Lectureship</i>	"Assembly Line Biosynthesis of Polyketide Antibiotics"
March 5	Rakesh Agrawal Purdue University	"Engineering a Sustainable Energy Future"
March 12	Mark Eiteman University of Georgia	"Blocking Glucose Metabolism in Escherichia coli: Engineered Microbial Consortia and Opportunities for Sugar Interconversions"
March 26	Rong Fan Yale University	"Single-Cell Functional Proteomic Analysis of Immune Defense and Cancer Development"
April 2	Dimitrios Papavassiliou University of Oklahoma/NSF	"Heat and Mass Transfer Discoveries using Simulations at Different Scales"
April 9	Jeff Hubbell University of Chicago <i>Balloun Lecture & Nanovaccine Initiative</i>	"Engineering Immune Responses in Vaccination and Tolerance Induction"
April 23	Bruce Gates University of California- Davis <i>Steffenson Lecture</i>	"Molecular Metal Catalysts on Supports: Organometallic Chemistry meets Surface Science"

Seminars will be held at 11 a.m. in 171 Durham.
All seminars are held on Thursdays.