

IOWA STATE UNIVERSITY

Department of Chemical and Biological Engineering

Graduate Seminar Series

Fall 2017- Spring 2018

DATE	SPEAKER	TITLE
August 24	Department of Chemical and Biological Engineering Faculty	Introductory Seminar
September 7	Ashley Augspurger, Stephanie Loveland <i>Dept. of Chemical and Biological Eng.</i>	Safety Seminar
September 14	William A. Tisdale <i>Massachusetts Institute of Technology</i>	Excitons, Disorder, and Nonequilibrium Transport in Semiconductor Nanomaterials
September 21	Andrés Garcia <i>Georgia Tech</i>	BioArtificial Hydrogels for Regenerative Medicine
September 28	Bradley D. Olsen <i>Massachusetts Institute of Technology</i>	Self-Assembly of Globular Proteins Using Block Copolymers
October 5	Antonios Mikos <i>Rice University</i>	Biomaterials for Tissue Engineering
October 12	Aindrila Mukhopadhyay <i>Lawrence Berkeley Natl. Laboratory</i>	Engineering Solvent Tolerant Microbes for Biomanufacturing
October 26	Huiquan Wu <i>U.S. Food & Drug Administration</i>	Frontiers of Modern Pharmaceutical Manufacturing: Process Analytical Technology (PAT), Continuous Manufacturing, and Advanced Manufacturing Control.
November 9	Steven P. Crossley <i>University of Oklahoma</i>	Selective Catalytic Conversion of Renewable Oxygenates to High Value Products Over Zeolites and Reducible Oxides
November 30	Professionalism/Town Hall <i>CBE Graduate Students</i>	
December 7	TEX-REX Comepetition <i>CBE Graduate Students</i>	

All seminars held at 11 a.m., 171 Durham, unless otherwise noted

www.cbe.iastate.edu/events

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January 18	Zengyi Shao <i>Iowa State University</i>	Exploring Conventional and Nonconventional Yeasts for Producing Polymer, Pharmaceutical and Cosmetics Precursors
January 25	Jonathan Claussen <i>Iowa State University</i>	Fabrication and Functionalization of Flexible, Printed Nanomaterials for Biosensing and Energy Harvesting
February 1	Yushan Yan <i>University of Delaware</i>	Platinum-Free Fuel Cells for Affordable Zero-Emission Cars
February 8	Gerald Frankel <i>The Ohio State University</i>	A New Paradigm for Designing Corrosion-Resistant Materials
February 15	Graduate Student Perfect Pitch	90-second research presentation competition for ISU chemical engineering graduate students
February 22	Graduate Student Perfect Pitch	90-second research presentation competition for ISU chemical engineering graduate students
March 1	Melody Swartz <i>The University of Chicago</i>	Lymphatic Vessels in Inflammation and Cancer: New Roles in Immune Regulation and Implications for Immunotherapy
March 8	William E. Bentley <i>University of Maryland</i>	Communicating with and controlling biology via biofabrication, synthetic biology, and microelectronics
March 22	<i>TBA</i>	<i>TBA</i>
March 29	Millicent Sullivan <i>University of Delaware</i>	Unlocking Intracellular Therapeutic Targets Through Novel Nanostructured Biomaterials
April 5	Amy Karlsson <i>University of Maryland</i>	Engineering Peptides to Target Fungal Pathogens
April 19	Graduate Research Excellence Awards & Presentations/Graduate Teaching Excellence Awards	
April 26	Kristala L. Jones Prather <i>Massachusetts Institute of Technology</i>	Metabolite Valves: Dynamic Control of Metabolic Flux for Pathway Engineering

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