

SYRACUSE UNIVERSITY DEPARTMENT OF BIOMEDICAL AND CHEMICAL ENGINEERING

▶ GRADUATE STUDENT SEMINAR SERIES SPRING 2016

SEMINARS ARE HELD FROM 1-2 PM ON FRIDAYS IN 105 LIFE SCIENCE BUILDING* except March 4

DATE	SPEAKER	INSTITUTION	TITLE/NOTES
March 4	Jeremy Gilbert, PhD Stevenson Biomaterials Lecture	Syracuse University Department of Biomedical & Chemical Engineering Syracuse Biomaterials Institute	Life on the Metal's Edge: The Interactions Between Metallic Biomaterials and the Living System *Location: Life Sciences Complex Atrium
March 11	Yinjie Tang, PhD	Washington University in St. Louis Department of Energy, Environmental & Chemical Engineering	¹³ C-Metabolic Analysis of Microbial Cell Factories
March 25	Michael Shirts, PhD	University of Colorado Boulder Department of Chemical & Biological Engineering	Why Can't We Engineer Drugs on a Computer? And What Can Be Done About It?
April 1	Jonathan Rothstein, PhD	University of Massachusetts Amherst Department of Mechanical & Industrial Engineering	Viscoelastic Fluid Structure Interactions
April 22	John Pojman, PhD	Louisiana State University Department of Chemistry	Cure-On Demand Polymerization Using Clock Reactions and Propagating Fronts
April 29	Distinguished Lecture Bamin Khomami, PhD	University of Tennessee Department of Chemical & Biomolecular Engineering	TBD

Reception to Follow



FOR MORE INFORMATION, CONTACT PROFESSOR SHIKHA NANGIA at snangia@syr.edu or 315-443-0571.

SYRACUSE UNIVERSITY DEPARTMENT OF BIOMEDICAL AND CHEMICAL ENGINEERING

▶ GRADUATE STUDENT SEMINAR SERIES Fall 2015

SEMINARS ARE HELD FROM 1—2 PM ON FRIDAYS IN 105 LINK, Except Nov. 12*

DATE	SPEAKER	INSTITUTION	TITLE/NOTES
Sept. 4	Orlin Velev, PhD	North Carolina State University Department of Chemical & Biomolecular Engineering	Soft Matter Manipulated by External Fields: Dynamic Assemblies, Biomimetic Circuits and Soft Robotics
Sept. 18	Arthi Jayaraman, PhD	University of Delaware Department of Chemical & Biomolecular Engineering and Department of Materials Science & Engineering	Theory and Simulations of Macromolecular Soft Materials: Linking Molecular Design to Macroscale Morphology and Function
Sept. 25	Roseanna Zia, PhD	Cornell University Department of Chemical & Biomolecular Engineering	A Micro-mechanical Study of Coarsening and Rheology of Colloidal Gels: Cage Building, Cage Hopping, and Smoluchowski's Ratchet
Oct. 2	Anish Tuteja, PhD	University of Michigan Department of Materials Science & Engineering Biointerfaces Institute	Designing Surfaces with Extreme Wettabilities
Oct. 23	Amber Doiron, PhD	Binghamton University Department of Biomedical Engineering	Nanoparticles: A Perspective on Novel Applications and Defining Risk
Oct. 30	Distinguished Lecture Shekhar Garde, PhD	Rensselaer Polytechnic Institute Dean of Engineering	Water Near Proteins and Interfaces: A New Molecular Perspective Reception to Follow
Nov. 12* Thursday*	Stevenson Biomaterials Lecture Jeremy Gilbert, PhD	Syracuse University Department of Biomedical & Chemical Engineering	To Be Announced



FOR THE MOST CURRENT SCHEDULE, VISIT <http://eng-cs.syr.edu/our-departments/biomedical-and-chemical-engineering>
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DEPARTMENT OF BIOMEDICAL AND CHEMICAL ENGINEERING

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BREED LECTURE HALL, except where noted***

DATE	SPEAKER	INSTITUTION	TITLE/NOTES
January 21 through February 13	Faculty Candidates' Research Seminars		
March 20	Fei Wang, PhD	National Cancer Institute National Institutes of Health U.S. Department of Health & Human Services	TBD
March 27	Emily Greenspan, PhD Michelle Berny-Lang, PhD	National Cancer Institute National Institutes of Health U.S. Department of Health & Human Services	"Advancing Convergence and Innovation in Cancer Research: National Cancer Institute Center for Strategic Scientific Initiatives"
April 3	Daeyeon Lee, PhD	University of Pennsylvania Dept. of Chemical and Biomolecular Engineering	"Janus Particles as Solid Surfactants"
April 17	Sanat Kumar, PhD	Columbia University Department of Chemical Engineering	"Polymer-Grafted Nanoparticles as Building Blocks for Novel Membranes and Biomimetic Materials"
April 23* Thursday	Jeffrey Fredberg, PhD	Harvard University Department of Environmental Health	"Unjamming Transition to Cellular Hypermobility in the Asthmatic Airway Epithelium" Sponsored by the Physics Department 202/204 Physics Building at 11 am*
April 24	Distinguished Lecture Norman Wagner, PhD	University of Delaware Dept. of Chemical & Biomolecular Engineering	"How do Colloidal Gels Form and Flow?"



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SCIENCE**

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FOR MORE INFORMATION, CONTACT PROFESSOR JESSE BOND at jqbond@syr.edu**

SYRACUSE UNIVERSITY DEPARTMENT OF BIOMEDICAL AND CHEMICAL ENGINEERING

▶ GRADUATE STUDENT SEMINAR SERIES FALL 2014

SEMINARS ARE HELD FROM 1-2 PM ON FRIDAYS IN 105 LINK HALL except where noted*

DATE	SPEAKER	INSTITUTION	TITLE/NOTES
Sept. 5	David Venerus, PhD	Illinois Institute of Technology Department of Chemical & Biological Engineering Chicago, Illinois	"Anisotropic Thermal Conduction in Polymeric Materials"
Sept. 12	Distinguished Lecture Lihong V. Wang, PhD	Washington University in St. Louis Optical Imaging Lab Department of Biomedical Engineering St. Louis, Missouri	"Photoacoustic Tomography: Ultrasonically Beating Optical Diffusion and Diffraction" Reception to Follow
Sept. 19	Jerry Lee, PhD Emily Greenspan Michelle Berny-Lang	National Cancer Institute National Institutes of Health U.S. Department of Health & Human Services Bethesda, Maryland	"Advancing Convergence and Innovation in Cancer Research: National Cancer Institute Center for Strategic Scientific Initiatives"
Sept. 26	Thao (Vicky) Nguyen, PhD	The Johns Hopkins University, USA Department of Mechanical Engineering Baltimore, Maryland	"Modeling the Shape Memory Effect of Amorphous Polymers"
Oct. 10	David Lynn, PhD	University of Wisconsin – Madison Department of Chemical & Biological Engineering and Department of Chemistry	"Stable, Unstable, and Reactive Biointerfaces: from 'Conventional' to 'Covalent' Assembly"
*Oct. 16 Thursday	Molly Shoichet, PhD, FRSC Stevenson Biomaterials Lecture	University of Toronto Chemical Engineering & Applied Chemistry Toronto, Ontario, Canada	"Bioengineered 3D Hydrogels for Guided Cell Growth" 500 Hall of Languages (note date, time & location change) Lecture at 4:15 pm, Reception to Follow



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