

CBE Seminar Series: Spring 2016

Montana State University, Roberts Hall 321, 4:10 pm

Date	Speaker	Affiliation	Title/Topic
Jan 14	No Seminar—First Week of Classes		
Jan 21	Logan Hodgskiss	Research Scientist, CBE	Cultivating microalgae in coal bed methane production water
Jan 28	No Seminar-rally		
Feb 4	Dr. Jennifer DuBois	Assistant Professor, Chemistry and Biochemistry, MSU	The tale of the tetrapyrrole: Making, breaking, and using heme in Gram positive bacteria
Feb 11	Dr. Jennifer Brown	Associate Professor, Chemical and Biological Engineering, MSU, CBE	Using magnetic resonance to observe recrystallization inhibition in polycrystalline ice due to ice binding protein activity
Feb 18	Garrett Moraski	Research Scientist, Chemistry and Biochemistry, MSU	Cats versus Grizzlies: Small molecules and their potential to inhibit biofilms
Feb 25	Dr. Paul Sturman Dr. Matthew Fields	Industrial Coordinator, CBE Director, CBE	Report on the CBE regulatory meeting in Washington D.C.
Mar 3	Robert Schaefer	Masters Student, Chemical and Biological Engineering, MSU, CBE	Fluorescence detection and sorting for biological assays in droplet microfluidics
Mar 10	Dr. Margaux Meslé	Postdoctoral Researcher, CBE	Coal-dependent methanogenesis in a high-pressure, flow-through reactor
Mar 17	No Seminar- Spring Break		
Mar 24	Dr. Maria Hadjifrangiskou	Assistant Professor, Pathology, Microbiology, and Immunology, Vanderbilt Univ. School of Medicine	Identifying mechanisms of heterogeneity within UPEC biofilms
Mar 28 Monday EPS 103	Dr. Forest Rohwer	Professor, Biology San Diego State University, California	The cystic fibrosis lung: Ecology to personalized medicine
Mar 31	Dr. Joann Mudge	Senior Research Scientist, National Center for Genome Resources, Santa Fe, New Mexico	Enabling biology with next generation sequencing technologies
Apr 7	Undergraduate Research Day	Erika Avera, Cell Biology and Neuroscience, MSU, CBE	<i>Propionibacterium acnes</i> biofilms grown in a drip-flow reactor system
		Trace Hobbs, Chemistry, MSU, CBE	Laboratory urinary tract model to investigate infectious kidney stone development
		James Stangeland, Chemical & Biological Engineering, MSU, CBE	Gel-entrapped <i>Staphylococcus aureus</i> as an in vitro model of a slow-growing biofilm infection
Apr 14	Dr. Shawn Starckenburg	Scientist 3, Los Alamos National Lab, Los Alamos, New Mexico	Advances in algal genomics
Apr 21	Dr. Luke McKay	NASA Astrobiology Institute Postdoctoral Fellow, MSU, CBE	Microbial ecology of the sedimentary subsurface of two thermal areas in Yellowstone National Park
Apr 28	No Seminar – Last week of classes		