

CBE Seminar Series: Spring 2017

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

Date	Speaker	Affiliation	Title/Topic
Jan 12	No Seminar—First Week of Classes		
Jan 19	No Seminar		
Jan 26	Dr. Thomas Webster	Chair and Professor, Chemical Engineering, Northeastern University, Boston, MA	Nanotechnology for the control of bacterial functions
Feb 2	Dr. Qian Wang	Postdoctoral Researcher, Land Resources & Environmental Science, MSU	Methylphosphonate metabolism contributes to the methane oversaturation paradox in oxic freshwater lakes
Feb 9	Dr. Seth Walk	Assistant Professor, Microbiology & Immunology, MSU	Engineered human intestinal organoids and arsenic detox by the human microbiome
Feb 16	Dr. Suzanne Ishaq	Postdoctoral Researcher, Land Resources & Environmental Science, MSU	Mapping the microbial development of the dairy calf digestive tract
Feb 23	No Seminar- CBE Meeting Friday		
Mar 2	No Seminar		
Mar 9	Racheal Upton	Ph.D. Candidate, Interdepartmental Microbiology, Iowa State University	A scaling approach to determine the drivers of complex soil microbial communities
Mar 16	No Seminar—Spring Break		
Mar 23	Dr. Blake Wiedenheft	Assistant Professor, Microbiology & Immunology, MSU	Bacteria, their viruses, and how they taught us to perform genome surgery
Mar 30	Joy Buongiorno	Ph.D. Candidate, Microbiology, University of Tennessee, Knoxville, TN	Microbial community abundance and composition analysis of Svalbard (79°N): Implications for climate response
Apr 6	Undergraduate Research Day	Madison Owens, Chemical and Biological Engineering, MSU, CBE	Structuring synthetic biofilms with 3D printing
		Andrew Gutknecht, Chemistry & Biochemistry, MSU, CBE	Culturing thermoalkaliphilic Aigarchaeota from terrestrial geothermal environments
		Shawna Pratt, Chemical and Biological Engineering, MSU, CBE	Monitoring single bacterial cell growth using drop-based microfluidics
Apr 13	Dr. Andreas Teske	Professor, Marine Sciences, University of North Carolina at Chapel Hill	Sulfur-oxidizing bacterial mats in Guaymas Basin: Dancing on the volcano
Apr 20	Dr. Sharon Neufeldt	Asst. Professor, Chemistry & Biochemistry, MSU	Designing a catalytic system to convert methane into heavier alkanes
Apr 27	Dr. Annelise Barron	Assoc. Professor, Bioengineering, Stanford Medicine, Stanford, CA	Antibiofilm activities of peptoid mimics of antimicrobial peptides (ampetoids)