

# CBE Seminar Series: Spring 2020

Montana State University, Linfield Hall 301, 4:10 pm

Date	Speaker	Affiliation	Title/Topic
Jan 9	No Seminar		
Jan 16	Dr. Emma Loveday Geoffrey Zath	Postdoctoral Scholar, CBE PhD Student, Chemical & Biological Engineering, MSU, CBE	High-throughput quantification of influenza A virus using drop-based qRT-PCR
Jan 23	Dr. Robin Gerlach	Professor, Chemical & Biological Engineering, MSU, CBE	Biofilms and minerals: From engineered biomineralization applications to studying the role of biofilms in urinary tract stone formation
Jan 30	Dr. Jed Eberly	Assistant Professor, Agronomy & Soil Microbiology, MSU, Central Ag Research Center	Aptamers for environmental sensing
Feb 6	Wilking Lab	Montana State University, CBE	Soft materials and beyond
Feb 13	Dr. Darla Goeres Diane Walker	Associate Research Professor, Chemical & Biological Engineering, MSU; PI, CBE Standardized Biofilm Methods Lab Research Engineer, CBE	Evaluating performance criteria for the cleanliness of reusable medical devices Dry biofilms: challenges of recognition and eradication
Feb 20	Dr. Phil Stewart Dr. Garth James	Regents Professor, Chemical & Biological Engineering, MSU, CBE Associate Research Professor, Chemical & Biological Engineering, MSU; PI, CBE Medical Biofilms Lab	Risk factors for chronic biofilm infections on medical implants In-vitro models of oral biofilms for evaluating antimicrobial susceptibility
Feb 27	No Seminar- 3 Minute Thesis		
Mar 5	Rachel Kratoofil	PhD Student, Immunology, University of Calgary	Monocytes are critical for tissue repair following a <i>Staphylococcus aureus</i> foreign-body skin infection
Mar 12	Dr. Ellen Lauchnor	Assistant Professor, Civil & Env. Engineering, MSU, CBE	Use of biomineralization in remediation applications
Mar 19	No Seminar- Spring Break		
Mar 26	No Seminar- NCUR		
Apr 2	TBA		
Apr 9	CBE Undergraduate Research Day	Seth Hershman, Chem. & Bio. Eng. Advisor: Dr. Robin Gerlach	TBA
		Kathleen Ostrem, Chem. & Bio. Eng. Advisor: Dr. Jim Wilking	TBA
		TBA	
Apr 16	Dr. Heejoon Park	Postdoctoral Research Associate, CBE	TBA
Apr 23	No Seminar- Last Week of Classes		