

# CBE Seminar Series: Spring 2019

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

Date	Speaker	Affiliation	Title/Topic
Jan 10	No Seminar		
Jan 17	No Seminar		
Jan 24	No Seminar		
Jan 31	No Seminar		
Feb 7	Dr. Sreekala Bajwa	Vice President, Agriculture, MSU	Value addition to agriculture through bio-based products
Feb 14	Dr. Garth James	Assoc. Research Professor, Chemical & Biological Engineering, MSU, CBE	Influence of breast implant textures on bacterial attachment and biofilm formation
Feb 21	Anna Zelaya	PhD Student, Microbiology & Immunology, MSU, CBE	Microbial community assembly processes in an uncontaminated subsurface aquifer
Feb 28	No Seminar- 3 Minute Thesis		
Mar 1	Dr. Mark Lund	Associate Prof., Environmental Mgmt., Edith Cowan University, Australia	Using microbial assemblages as part of an environmental assessment of a mine pit lake closure using a river flow through
Mar 5	Dr. Jennifer Macalady	Professor, Department of Geosciences, Pennsylvania State University	Frasassi dark and deep: A biofilm factory in the terrestrial subsurface
Mar 7	Dr. Kara De Leon	Research Scientist, University of Missouri, Colombia, MO	Genetic requirements for <i>Desulfovibrio vulgaris</i> Hildenborough biofilm formation in bioreactors and the rat colon
Mar 14	Dr. Chelsea Heveran	Assistant Professor, Mechanical and Industrial Engineering, MSU	Bone-inspired design of tough infrastructure materials
Mar 21	No Seminar- Spring Break		
Mar 28	Stephanie Dodson	PhD Student, Applied Mathematics, Brown University, Providence, RI	Geometry dependent instabilities of waves in excitable media
Apr 4	Dr. Roland Hatzenpichler	Assistant Professor, Chemistry & Biochemistry, MSU, CBE	A new Confocal Raman microscope with cell-sorting ability at MSU: What to do with it and how to get seed funding for using it
Apr 11	Undergraduate Research Day	Cati Carmody	Chickensplash! Exploring the health concerns of washing raw chicken
		Whitney Kieffer	Bacterially influenced leaching of metals from mine tailings
		Nick Avila	A model to quantify the enhanced mass transfer of CO <sub>2</sub> into high alkalinity algae culture medium
Apr 18	No Seminar		
Apr 25	No Seminar- Last Week of Classes		