

Center for Biofilm Engineering Seminar Series: Fall 2022

Thursdays, 4:10 p.m. MST

Barnard 108, Montana State University

Date	Speaker	Affiliation	Presentation Title
8/25	No Seminar- First week of classes		
9/1	Dr. Huyen Bui	Assistant Research Professor, ChBE, CBE, MSU	Bacterial-Algal interactions in high pH - high alkalinity algal cultivation
9/8	No seminar		
9/15	Dr. Brandon Briggs	Associate Professor, Department of Biological Sciences, University of Alaska	Microbe-mineral interactions: From extreme environments to biotechnological advances
9/22	Sara Toja-Ortega	Post-doc, CBE, MSU, TU Delft	Removal of polymeric substrates from wastewater by aerobic granular sludge technology
9/29	Professor Christopher Hernandez	Sibley School of Mechanical and Aerospace Engineering, Cornell University	Microbes and Biomechanics
10/6	Dr. Christopher Smith	Nature's Fynd	Sustainable protein production for food applications from a microbe, <i>Fusarium</i> strain <i>flavolapis</i> , isolated from Yellowstone National Park
10/13	No seminar		
10/20	Dr. Neerja Zambare	Environmental Molecular Sciences Laboratory, Pacific Northwest National Lab	Calcium carbonate formation by bacteria – nano-scale insights and attempts at combating the ammonium problem
10/27	Dr. Jill Mikucki	Associate Professor, Department of Microbiology, University of Tennessee, Knoxville	Cryptic cryospheric habitats: Extremophile refuge and astrobiological analogs
11/3	Lan Li Wong *special time 9am (via Webex)	PhD Candidate, Singapore Centre for Environmental Life Sciences Engineering	Surface (S-) layer protein mediates bacterial organization in a key industrial and environmental anammox biofilm
11/10	No seminar		
11/17	No seminar		
11/24	Fall Break-No Seminar		
12/1	Dr. Anthony Bertagnolli	Senior Research Scientist, Department of Microbiology, Montana State University	Net-spinning caddisflies create denitrifier- enriched niches in montane stream biofilms
12/8	Last Week of Classes-No Seminar		
12/15	Finals Week-No Seminar		