

Center for Biofilm Engineering

Seminar Series: Spring 2025

Thursdays, 2:10 p.m.-3:00 p.m. MDT unless otherwise noted below*

Location: Barnard 108, Montana State University unless otherwise noted below*

Date	Speaker	Affiliation	Presentation Title
01/23* @9:00 a.m. via Webex	Dr. Eleanora Secchi	Senior Scientist, Biomatter Microfluidics, ETH Zurich	The role of fluid dynamics in driving biofilm formation, rheology, and clogging dynamics
01/30	No Seminar		
02/06	No Seminar		
02/13	Dr. Luke McKay	Manager, Systems Biology, LanzaTech	Creating a circular carbon economy through bacterial gas fermentation
02/20	No Seminar		
02/27	Dr. Chelsea Heveran	Asst. Professor, Mechanical & Industrial Eng., MSU, CBE	Lessons from bone in the design of living building materials
03/06	No Seminar		
03/11* @1: 00 p.m. Barnard 126	Dr. Bruce Fouke	Ralph E. Grim Professor, Earth Science & Environmental Change, Univ. of Illinois Urbana- Champaign	Mammoth Hot Springs travertine: A lexicon for deciphering the hydrology and last flow of ancient Rome's Anio Novus Aqueduct
03/20	No Seminar – Spring Break		
03/27	CBE Undergraduate Researcher Day <i>Featuring:</i> Amanda Haab Thomas McCarthy Grayson Robles	Microbiology & Cell Biology, MSU, CBE Advisor: Dr. Elizabeth Sandvik Applied Mathematics, MSU, CBE Advisor: Dr. James Crawford Cell Biology & Neuroscience, MSU, CBE Advisor: Dr. Garth James	Development of tagged consortium for the study of microbial interaction and colonization patterns between fungus and bacteria relevant to the ISS Automated Enzyme-MOF comparisons: Leveraging computational tools for biomimetic design Evaluation of novel irrigation solutions for biofilm reduction in long-term foley catheters
04/03	Dr. Jerod Skyberg	Asst. Professor, Microbiol. & Cell Biology, MSU	Metabolic control of brucellosis
04/10	No Seminar		
04/17	Daniel Juliano Jessica Murdock	Director, Technology Transfer Office, MSU Program Manager, Tech. Transfer Office, MSU	Sealed with silence: Navigating the power of a Non-Disclosure Agreement (NDA)
04/24	Roos Goedhart	PhD candidate, TU Delft, Water Management	How bacteria treat our drinking water
05/01 *2:00 p.m. start	Dr. Taylor Ware	Assoc. Professor, Biomedical Engineering, Materials Science & Engineering, Texas A&M University	Proliferation-driven function in engineered living materials