

Center for Biofilm Engineering

Seminar Series: Fall 2025

Thursdays, 1:45 p.m.-2:55 p.m. MDT unless otherwise noted below*

Location: Barnard 126, Montana State University unless otherwise noted below*

Date	Speaker	Affiliation	Presentation Title
08/28	No Seminar		
09/04	Dr. Monica Serban	Professor, Biomedical and Pharmaceutical Sciences, University of Montana; Director, Montana Biotechnology Center	Connecting research and product development: Practical translational approaches
09/11	Dr. Felix Weinhardt	Visiting Researcher, Helmholtz Centre for Environmental Research, Leipzig, Germany	Integrating microfluidic experiments and numerical simulations to study biogeochemical processes in porous media
09/18	No Seminar		
09/25	No Seminar		
10/02 Co-Host: Montana Nanotechnology Facility (MONT)	Dr. Stephen Boppart	Grainger Distinguished Chair in Engineering, University of Illinois Urbana-Champaign (UIUC)	Optical coherence tomography and multimodal optical characterization of bacterial biofilms in humans and their implications for disease
10/09	Dr. Rob Brzozowski	BioSqueeze, Inc.	Commercial biomineralization: From laboratory to field applications
10/16* 9:00 a.m. MST Virtual	Dr. Joaquin Jimenez-Martinez	Research Scientist-Group Leader at Eawag (Swiss Federal Institute of Aquatic Science and Technology); Adjunct Professor, Dept. of Civil, Environmental, and Geomatic Engineering, ETH Zurich	Microbial dynamics in subsurface environments: Bacterial chemotaxis and morphogenesis of biofilms
10/22* 2:00 p.m. NAH 165 Co-Hosts: Norm Asbjornson College of Engineering and the Materials Science Graduate Program at	Dr. Rainer Helmig	Professor, Dept. of Hydromechanics and Modelling of Hydrosystems, University of Stuttgart 2025 InterPore Foundation/ Kimberly-Clark Distinguished Lectureship Award Recipient	From the brain to water uptake of roots to fuel cells—Porous media are “almost” everywhere

Montana State University			
10/30	Dr. Chris Jones	PI, Standardized Biofilm Methods Laboratory, Center for Biofilm Engineering	Dry biofilms contribute to bacterial persistence on environmental surfaces
11/06	Dr. Patrick Thomas	Postdoctoral Researcher, Center for Biofilm Engineering	From hype to hope: Can advances in microbial ecology help move the algae-based Green Revolution forward?
11/13	Dr. Darla Goeres	Coordinator of Industrial Development, Center for Biofilm Engineering	Beyond the Bench: How CBE turns research into impact
11/20	Dr. Brittan Scales	Postdoctoral Researcher, Center for Biofilm Engineering	The hitchhiker's guide to the marine platisphere
11/27	No Seminar - Fall Break		
12/04	No seminar		