

Center for Biofilm Engineering *hybrid* Seminar Series: Spring 2022

Montana State University, Thursdays, 4:10 pm MST

Date	Speaker	Affiliation	Presentation Title
1/20	No Seminar- First week of classes		
1/27	No Seminar		
2/3* Hybrid Roberts 321	Dr. Kevin Cash	Assistant Professor, Chemical and Biological Engineering, Colorado School of Mines	Nanosensors for spatiotemporal monitoring of microbial physiology
2/10	No Seminar		
2/17	Dr. Zahra Mahdieh	Postdoctoral Researcher, Center For Biofilm Engineering	Granular Matrigel: Restructuring a trusted extracellular matrix for improved permeability
2/24* Virtual 9am MST	Dr. Desiree Dickerson	Consultant, Academic Mental Health & Well-being	Strategies for managing our well-being in research
3/3* Virtual 10am MST	Prof. Kasper Kragh	Assistant Professor, Bacteriology, Costerton Biofilm Center, Copenhagen, Denmark	Microscopy in biofilm research- A closer look
3/10* Hybrid Roberts 321	Dr. Tomasz Zajkowski	PI, NASA Ames Research Center	An evolutionary perspective on prion-based mechanisms of regulation and adaptation
3/17	No Seminar-Montana State University Spring Break		
3/24	Center For Biofilm Engineering Undergraduate Research Day	Ian Novak, Standardized Biofilm Methods Lab Martina Du, Ross Carlson Lab Uve Strautmanis, Matthew Fields Lab	Recent advancements in standard biofilm methods Using synthetic ecology to quantify consortial interactions in biofilm and planktonic cultures Investigation of complete groundwater denitrification utilizing an environmentally relevant bacterial co-culture
3/31	Dr. Tagbo Niepa	Assistant Professor, Chemical & Petroleum Engineering, University of Pittsburgh	Nanocultures: Controlled microbial communities in sessile drops
4/7	George Schaible	PhD Candidate, Chemistry & Biochemistry, Montana State University, Center For Biofilm Engineering	Investigating cellular differentiation within multicellular magnetotactic bacteria using genomics and correlative microscopy
4/14	Dr. Anita Shukla	Associate Professor, Engineering, Brown University	Smart antimicrobial biomaterials
4/21	Dr. Qian Wang	Assistant Research Professor, Microbiology & Cell Biology, Montana State University	Aerobic methane synthesis microbes
4/28	Dr. Tim Borgogna	Postdoctoral Researcher, Center For Biofilm Engineering	Host interactions with biofilms on implants: Translating from in vitro to in vivo
5/5	Kirsten Kapp	Professor, Biological Sciences, Central Wyoming College	Exploring the multidimensional world of microplastic pollution