

Biofilm Science & Technology Workshop
Multi-Kingdom Biofilms | Biofilms in Women's Health

January 31, 2017 Final AGENDA

Hilton Crystal City, Arlington, Virginia

02/16/2017

Time	Title	Speaker
7:30 a.m.–8:15 a.m.	Registration and continental breakfast, Virginia Foyer, Plaza Level	
8:15 a.m.–8:20 a.m.	Welcome & opening remarks, Washington ballroom	Matthew Fields, CBE Director; Professor, Microbiology & Immunology, MSU Paul Sturman, CBE Industrial Coordinator
SESSION 1: Multi-Kingdom Biofilms		
8:20 a.m.–8:30 a.m.	Session introduction	Matthew Fields
8:30 a.m.–9:00 a.m.	From forced cooperation to forced clumping: Multi-domain interactions with biofilms	Matthew Fields
9:00 a.m.–9:30 a.m.	Characterizing multi-domain biofilms in biotechnology, the environment, and medicine	Robin Gerlach, Professor, Chemical & Biological Engineering, MSU, CBE
9:30 a.m.–10:00 a.m.	Modifications to the CDC biofilm growth reactor method (ASTM E2562-12) for multi-kingdom biofilm studies	Diane Walker, Research Engineer, CBE
10:00 a.m.–10:30 a.m.	Break	
10:30 a.m.–11:00 a.m.	Multi-kingdom biofilms and their association with delayed wound healing	Lindsay Kalan, Postdoctoral Researcher, Dermatology, School of Medicine, University of Pennsylvania
11:00 a.m.–11:30 a.m.	Inter-kingdom oral biofilm interactions: Implications for pathogenesis and treatment	Gordon Ramage, Professor, School of Medicine, Dentistry and Nursing, University of Glasgow, Scotland
11:30 a.m.–12:00 p.m.	Discussion session	
12:00 p.m.–1:10 p.m.	Catered Lunch, Adams	
Session 2: Biofilms in Women's Health		
1:10 p.m.–1:20 p.m.	Session Introduction	
1:20 p.m.–1:50 p.m.	Issues surrounding breast implant infection	Garth James, Assoc. Research Professor, Chemical & Biological Engineering, MSU; Manager, Medical Biofilms Lab, CBE
1:50 p.m.–2:20 p.m.	Bacterial vaginosis	Elinor Pulcini, Assistant Research Professor, Chemical & Biological Engineering, MSU, CBE
2:20 p.m.–2:50 p.m.	Methods to assess urinary catheters designed to reduce CAUTI	Darla Goeres, Associate Research Professor, Chemical & Biological Engineering, MSU, CBE
2:50 p.m.–3:20 p.m.	Break	
3:20 p.m.–3:50 p.m.	Women's health and cosmetic device infections—A combinatorial approach to interrupting the pathogenesis process: Prevention, practice, and preservation	Eva Wang, ORISE Research Fellow, Center for Devices & Radiological Health, FDA
3:50 p.m.–4:30 p.m.	Discussion session	