

**The 5th CONFERENCE MICROBIOLOGY OF THE
BUILT ENVIRONMENT** June 1-3, 2016
The University of Colorado, Boulder
Conference Program

Wednesday June 1st	
Designated Travel Day	
All Day	Hotel check-in at Boulder Marriott , 2660 Canyon Boulevard, Boulder, CO 80302
12:00 - 6:00 pm	Conference registration desk open at Marriott
2:30 - 5:30 pm	Poster and Networking Session in Marriott's Main Conference Room. Light refreshments will be available.
5:00 – 6:00 pm	2017 MoBE Conference Planning Committee Meeting for Washington DC By invitation only
6:30 pm	Graduate Students/Post-Docs/Scientists meet in the lobby for guided dinner (short walk to restaurants). Sign-up for this activity at the registration desk. PI's, co-PI's and invited speakers meet in the lobby for organized dinner (Invitations and details sent by email).

Thursday June 2nd	
Conference Day 1 – Marriott Conference Rooms	
Morning	Breakfast provided by Marriott for conference guests staying at hotel
8:50am	Welcome (back) address and Conference Overview: Mark Hernandez , University of Colorado Boulder Paula Olsiewski , Alfred P. Sloan Foundation David Coil , University of California Davis
9:00-11:00am	Opening Plenaries
9:00-9:45am	Ulla Haverinen Shaughnessy, ScD , Department of Health Protection, National Institute for Health and Welfare, <i>Indoor Environmental Quality Assessments in Relation to Human Health and Performance Indicators</i>
9:45-10:00am	Mid-morning Break
10:00-10:45am	J. David Miller, PhD , Department of Chemistry, Carleton University, Ottawa, <i>Characterization and control of environmental allergens. Emerging Perspectives for Translation to Practice, from the American Academy of Allergy Asthma and Immunology.</i>
10:45-11:00am	Late-morning Break

Thursday, June 2nd - continued

Conference Day 1 - Marriott Conference Rooms

11:00am -12:15pm	Platform Presentations from Maturing Research Initiatives
11:00 - 11:25 am	Charles Robertson , University of Colorado Children's Hospital, <i>Perspectives on Genetic Processing Pipelines for Environmental Studies</i>
11:25 - 11:50 am	Karen Kalanetra and Nicolas Madrid , University of California Davis. <i>Environmental and microbiome monitoring in wineries and creameries</i>
11:50am - 12:15 pm	Jeff Siegel , University of Toronto, <i>Does the building only matter when it gets wet ?</i>
12:15-1:45 pm	Lunch - Short walk to the ZOLO Restaurant
2:00-5:00 pm	Platform Presentations from Center-Based MoBE Research Initiatives
2:00-2:30 pm	Jessica Green, BIOBE , University of Oregon, <i>Emerging Perspectives on Exposure Assessments. A retrospective and research agenda from a large center.</i>
2:30-3:00 pm	Noah Fierer , Evolutionary Biology, University of Colorado, <i>A retrospective of Indoor Environmental Sampling for Genetic Characterizations</i>
3:00-3:30 pm	BIMERC Consortium , Lawrence Berkeley Lab & University of California Berkeley, <i>A retrospective and agenda of biogenic indoor exposures: the co-occurrence of Fungi and VOCs under different environmental scenarios</i>
3:30- 3:45 pm	Mid-afternoon Break
3:45-5:00 pm	Platform Presentations from Younger Research Initiatives
3:45 – 4:10pm	Sarah Haig , Univ. of Michigan, <i>Linking the prevalence of opportunistic respiratory pathogens to physical and chemical characteristics in water systems</i>
4:10 – 4:35 pm	Kyle Bibby , The University of Pittsburgh, <i>Drivers of Drinking Water Microbial Ecology: Research and Outreach.</i>
4:35 – 5:00 pm	Andy Hoisington , United States Air Force Academy and Lisa Brenner , University of Colorado and Veterans Administration. <i>Potential pathways for a history of indoor microbiological exposures to manifest in psychological effects.</i>
5:00 - 5:15 pm	Closing Remarks and Acknowledgements

~ Evening Program ~

6:15pm - 9:30pm	Offsite dinner: Boulder Dushanbe Tea House (business casual dress required). ½ hour walk on Boulder Creek Path, or Meet in the lobby for Shuttles depart at 6:15 and return at 9:15pm.
-----------------	---

Friday, June 3rd

Conference Day 2 - Marriott Conference Rooms

Morning	Breakfast provided by Marriott for conference guests staying at hotel
8:50am	Welcome and overview: Alina Handorean , University of Colorado
9:00-11:00am	Opening Plenaries and Updates from Associated Conferences
9:00-9:45 am	Martin Taubel , Finnish National Institute for Health and Welfare (THL), <i>Of house dust and a crawling baby robot – indoor microbial exposure assessment</i>
9:45-10:00am	Mid-morning Break
10:00-10:45am	Kati Huttunen , Department of Environmental and Biological Sciences, University of Eastern Finland, <i>A tricky task: assessing the toxicity of dust.</i>
10:45-11:00 am	Late-morning Break
11:00am-12:15pm	Platform Presentations on Established MoBE Research Initiatives
11:00 - 11:25 am	Susan Lynch , University of California at San Francisco, <i>The gut-airway axis and its potential role in atopy</i>
11:25 - 11:50 am	Karen Dannemiller , Ohio State University, and Jordan Peccia , Yale University, <i>Toward improved building design to control human exposures to microbes</i>
11:50am -12:15pm	Kerry Kinney , University of Texas, <i>The monitoring of microbiological air quality in public schools – a longitudinal study</i>
12:15-1:45pm	Lunch On Site: Boulder Marriott Hotel
2:00-3:00pm	Cell Signaling Perspectives in the Built Environment
2:00 - 2:25 pm	Huan Gu and Dacheng Ren , Syracuse University, <i>Characterization and Control of Biofilms in the Built Environment</i>
2:25 – 2:50 pm	Tod Merkel , US Food and Drug Administration, <i>Assessing functional genes on the fly: RNA patterns reveal the Pertussis responses to atmospheric environments</i>
2:50 – 3:15 pm	David Thaler , University of Basel, <i>Perspectives on indoor Prokaryote – Fungal associations</i>

Friday, June 3rd - continued

3:15 – 3:30 pm	Mid-Afternoon Break
3:30 – 3:55 pm	Bubba Brooks , University of California at Berkeley, Banfield lab, <i>Longitudinal studies of developmental microbiomes neonatal intensive care units</i>
3:55 - 4:20 pm	Brian Klein and Katherine Lemon , Harvard University, <i>Microbiomes of Indoor Athletic Facilities</i>
4:20 – 4:50 pm	Amy Pruden , Virginia Polytechnic and State University <i>Microbiome reconnaissance in water infrastructure: Legionella, metagenomics and its co-occurrence with corrosion</i>

4:50 – 5:00 pm **Carlos Rodriguez**, *Closing Remarks: If you build it, they will come*

Dinner - on your own

Saturday, June 4th

Morning Breakfast provided by Marriott for conference guests staying at hotel

***** Reimbursement forms and instructions will be sent via E-mail *****