

# MICROBIOLOGY OF THE BUILT ENVIRONMENT

June 4-6, 2014

Boulder, Colorado

## Conference Program

<b>Wednesday, June 4th</b>	
Designated Travel Day	
All Day	Hotel check-ins at Boulder Marriott, 2660 Canyon Boulevard, Boulder, CO 80302
<b>12:00-6:00pm</b>	Conference registration desk open at Marriott
2:00-5:00pm	Poster and Networking Session in Marriott Conference Rooms. Refreshments available.
6:30pm	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.
6:30pm	PI's, co-PI's and invited speakers meet in the lobby for organized dinner at Chautauqua Dining Hall (transportation provided).

<b>Thursday, June 5th</b>	
Conference Day 1 – Marriott Conference Rooms	
Morning	Breakfast provided by Marriott for conference guests staying at hotel
8:45am	Welcome (back) address and Conference Overview: <b>Mark Hernandez</b> , University of Colorado Boulder <b>Paula Olsiewski</b> , SLOAN Foundation <b>Carlos Rodriguez</b> , STEM Senior Research Scientist
<b>9:00-11:00am</b>	<b>Opening Plenaries</b>
9:00-9:45am	<b>Richard J. Shaughnessy</b> , Director, Indoor Air Research Center, University of Tulsa - <i>How practitioners, administrators, and building managers can better define and put to use the link between the built environment and the ecological microbiome</i>
9:45-10:00am	Mid-morning Break
10:00-10:45am	<b>Kelly Reynolds</b> PhD, MPH, Associate Professor of Public Health, University of Arizona - <i>Leveraging genetic based environmental investigations: Case studies of successful translation for practical impacts in related fields</i>
10:45-11:00am	Late-morning Break

**Thursday, June 5th - continued**

Conference Day 1 - Marriott Conference Rooms

<b>11:00am-12:20pm</b>	<b>Platform Presentations on Newer MBE Research Initiatives</b>
11:00-11:20am	<b>Largus Angenent Group</b> , Cornell University - <i>The effects of residential weather proofing on environmental factors and aerobiological responses</i>
11:20-11:40am	<b>Noah Fierer Group</b> , University of Colorado - <i>Survey of indoor microbiological indicators from residences in the 2013 Colorado Front Range Floods</i>
11:40am-12:00pm	<b>Susan Lynch Group</b> , University of California San Francisco - <i>Understanding microbial-host interactions in human pulmonary challenge</i>
12:00-12:20pm	<b>Jason Stajich Group</b> , University of California Riverside - <i>Advancements in environmental mycological assessments</i>
<b>12:30-1:45pm</b>	<b>Lunch - Short walk to Volta Mediterranean Restaurant</b>
<b>2:00-4:00pm</b>	<b>Platform Presentations on Established MBE Research Initiatives</b>
2:00-2:35pm	<b>Charles Robertson PhD</b> , University of Colorado - <i>Perspectives on Microbiome Bioinformatics</i>
2:35-2:55pm	<b>Curtis Huttenhower Group</b> , Harvard University - <i>Microbial carriage within an urban transportation system</i>
2:55-3:15pm	<b>Mitch Sogin Group</b> , Marine Biological Laboratory, Woods Hole - <i>Boundaries of environmental bioinformatics</i>
3:15-3:35pm	<b>Greg Caporaso Group</b> , Northern Arizona University - <i>Composition and dynamics of microbial communities on common office surfaces</i>
3:35-4:00pm	Mid-afternoon Break
4:00-4:20pm	<b>Jeff Siegel Group</b> , University of Toronto - <i>The building science of office surfaces</i>
4:20-4:40pm	<b>Brent Stephens Group</b> , Illinois Institute of Technology - <i>Built environment metadata collection: Methods, sensors, and the hospital microbiome project</i>
4:40-5:10pm	<b>Practitioner's Perspective: Michael Bowdoin</b> , Attorney at Law, Built Environment Litigation Specialists – <i>The use of bioinformatics for modern indoor environment litigation</i>
5:10-5:20pm	Closing Remarks and Acknowledgements

**~ Evening Program ~**

6:30-10:00pm	<b>Offsite dinner: Flagstaff House Restaurant (business casual dress required).</b> Meet in the lobby. Shuttles depart at 6:30pm and return at 9:45pm.
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## Friday, June 6th

### Conference Day 2 - Marriott Conference Rooms

Morning	Breakfast provided by Marriott for conference guests staying at hotel
8:50am	Welcome and overview: <b>Alina Handorean</b> , University of Colorado Boulder
<b>9:00-11:00am</b>	<b>Opening Plenaries</b>
9:00-9:40am	<b>J. David Miller</b> , Carleton University - <i>Pathways to translating “next generation” analysis of microbes in buildings to policy and practice</i>
9:40-10:00am	Mid-morning Break
10:00-10:30am	<b>Tod Merkel</b> PhD, Senior Scientist, US Food and Drug Administration - <i>Aerosol transport of modern pulmonary disease: The ongoing saga of Whooping Cough and genetic characterization of Bordetella pertussis in the environment</i>
10:30-11:00am	Late-morning Break
<b>11:00am-12:15pm</b>	<b>Platform Presentations on Established MBE Research Initiatives</b>
11:00-11:25am	<b>Puerto Rico/New York Consortium</b> - <i>What happens outside the temperate latitudes?</i>
11:25-11:50am	<b>BIMERC Consortium</b> , Lawrence Berkeley Lab & University of California Berkeley - <i>Characterizing sources for indoor bioaerosols</i>
11:50am-12:15pm	<b>BIOBE</b> , University of Oregon - <i>Characterizing the human microbial cloud and our personalized airborne contributions to the built environment</i>
<b>12:30-1:45pm</b>	<b>Lunch - Short walk to ZOLO Restaurant</b>
<b>2:00-3:00pm</b>	<b>Practitioner's Perspectives</b>
2:00-2:30pm	<b>Dave Alburty</b> , CEO InnovaPrep Corporation - <i>The importance of a soft landing: Next generation tools for bioaerosol and surface collection and microbe concentration technology for wide area surveillance</i>
2:30-3:00pm	<b>Joe Spurgeon</b> PhD, Bayshore Environmental - <i>An opinion on the quality of mold data</i>
3:00-3:30pm	Mid-afternoon Break

**Friday, June 6<sup>th</sup> - continued**

3:30-3:50pm	<b>Amy Pruden Group</b> , Virginia Polytechnic and State University - <i>Engineering the plumbing microbiome?</i>
3:50-4:10pm	<b>Rob Knight Group</b> , University of Colorado Boulder - <i>Longitudinal residential observations: Two years of monitoring in Toronto</i>
4:10-4:40pm	<b>Paul Ziemann</b> , University of Colorado Boulder - <i>Atmospheric chemistry moves indoors: implications for the built environment</i>

***Dinner - on your own***

**Saturday, June 7th**

Designated Travel Day – No formal program

Morning	Breakfast provided by Marriott for conference guests staying at hotel
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**\*\*\* Reimbursement forms and instructions will be sent via E-mail \*\*\***