

# Microbiomes of the Built Environment: From Research to Application - Meeting 1

## Public Agenda

National Academy of Sciences Building  
2101 Constitution Avenue NW

**April 11, 2016**  
Room 120

### Monday, April 11

10:30am **Welcome Public Observers and Study Sponsors**

#### **Committee Member Introductions**

**What are microbiomes of built environments and why is the study topic a compelling one to address?**

*Joan Bennett, Committee Chair*

10:45 **Discussion of Statement of Task with Study Sponsors**

Sponsoring organizations will provide perspectives on the context for the study, how the study relates to their missions, and what they see as key needs and challenges for understanding microbiomes in built environments. *Invited speakers will each provide 10 minutes of opening remarks.*

Paula Olsiewski, Alfred P. Sloan Foundation  
Tina Bahadori and Laura Kolb, Environmental Protection Agency  
David Tomko, National Aeronautics and Space Administration  
Lisa Chadwick, NIEHS, National Institutes of Health (remotely)

#### **Committee Discussion with Sponsors**

12:15 **Lunch**

1:30 **Setting the Stage for the Study**

Presentations will highlight developments and challenges in several background areas. *Invited speakers will each give 15 minute presentations.*

1:40 **Built environment microbiome interfaces: Why is improving our understanding of these interactions an exciting topic and perspective on the field?**

Gary Andersen, Lawrence Berkeley National Laboratory and University of California, Berkeley

2:00 **Understanding and modeling building systems: What's known and how might these parameters impact indoor microbiomes?**

Jelena Srebric, University of Maryland

2:20 **Example of built environment microbiome studies and their potential human health links**

Benjamin Kirkup, Naval Research Laboratory

- 2:40      **Understanding microbes in water systems**  
Amy Pruden, Virginia Polytechnic Institute and State University
- 3:00      **Committee Discussion with Speakers**
- 3:30      **Break**  
Light snack will be provided
- 3:50      **Further Discussion: Major Issues Relevant to the Study**  
Opportunity for committee members, sponsors, speakers, and meeting participants to further discuss points raised during the presentations and to identify additional topical areas, gaps, or needs that may be relevant to the study's statement of task.
- 4:30      **Public Comment Period**  
Opportunity for meeting participants to share additional information or ideas they would like the committee to consider.
- 5:00      **Meeting Adjourns**