

The Inaugural Conference on the Microbiology of the Built Environment

Wednesday, May 30, 2012

Designated Travel Day (No Formal Program)

Hotel arrivals with hosted conference registration booth at hotel (until 10 pm)

Local Guided Dinners for Early Arrivals (6:45)

Thursday, May 31, 2012

MORNING PROGRAM (Millennium Harvest House Ballroom)

Cafe Breakfast provided for Conference Guests Staying in the Millennium Harvest House Hotel

(8:50) Welcome Address and Conference Overview

Alina Handorean, University of Colorado at Boulder

Paula Olsiewski, Alfred P. Sloan Foundation

(9:00) Opening Plenary: Buildings as Diverse and Dynamic Systems

Richard Corsi, Department of Civil and Environmental Engineering, University of Texas at Austin

(9:20) Platform Presentations: Programmatic Deconstruction and the Art of Investigating Buildings as Ecosystems

Post-Doctoral Fellows, Scientists and Graduate Students from Respective Research Groups

The University of Oregon, Center for Biology and the Built Environment (9:20)

Lawrence Berkeley Lab and the University of California at Berkeley Indoor Microbial Ecology Research Consortium (10:00)

(10:40)--Morning Break--

(11:00) Platform Presentation: Programmatic Deconstruction and the Art of Investigating Buildings as Ecosystems

The Pennsylvania State University, Architectural Engineering, the Indoor Environment Center, Bill Banfleth (11:00)

(11:20) The Challenge of Reorganizing the New Built Environment Science - Collaborative Calls for Thought Leaders

American Institutes for Research, Carlos Rodriguez and Rita Kirshstein

Break Out Groups Assigned

AFTERNOON PROGRAM

(12:30)--- Lunch (Millennium Harvest House Hotel)

(1:30) Afternoon Plenary: Tools Emerging from the MoBE DAC Project

Rob Knight, University of Colorado Boulder

(2:00) Platform Presentations on Environmental Bioaerosol Assessments and Other Biomarkers

Post-Doctoral Fellows and Graduate Students from Respective Research Groups

University of Texas at Austin, Department of Civil Engineering, Jeff Siegel and Kerry Kinney (2:00)

Yale University, School of Engineering and Applied Science, Jordan Peccia (2:20)

University of Colorado at Boulder, Ecology and Evolutionary Biology, Noah Fierer (2:40)

(3:00)---Afternoon Break---

(3:20) Platform Presentations on Large Scale Bioenvironmental Assessments

Principal Investigators, Post-Doctoral Fellows and Graduate Students from Respective Research Groups

Max Plank Institute with the University of Denver, Department of Chemistry and Biochemistry, Alex Huffman (3:20)

University of Colorado, Molecular Cellular and Developmental Biology, Norman Pace (3:40)

Woods Hole Oceanographic Institute, Center for Oceans and Human Health, Mitchell Sogin (4:00)

(4:30) Afternoon Plenary: Curating the Emerging Database and Meeting Modern Data Management Challenges

Peter Fox, Rensselaer Polytechnic Institute

(5:00) Observations from Behavioral Scientists: Summary of Today's Work and Tomorrow's Charter

American Institutes for Research Staff, Carlos Rodriguez, Rita Kirshstein and Susan Cole (5:00)

(5:45 to 9:30) EVENING PROGRAM

Red Lion Inn, Boulder Canyon

Charter bus departs from Millennium Hotel to off-site dinner (5:50 pm)

Welcome Dinner and Special Address "Indoors Out"

Michele Ellsworth, University of Colorado, Theater & Dance (7:00)

Dr. Ellsworth is unique among the theater faculty, where she teaches interdisciplinary courses that combine science, theater, music and film.

Live Entertainment

Thomas Hine, Local Folk Musician and

Environmental Protection Specialist, Air Pollution Control Division

Colorado Department of Public Health and Environment

Friday, June 1, 2012

MORNING PROGRAM (Discovery Learning Center, University of Colorado Engineering Center)

Cafe Breakfast provided for Conference Guests Staying in the Millennium Harvest House Hotel

(8:50) (Re)orientation Address and Conference Overview

Mark Hernandez, University of Colorado, Department of Civil, Environmental and Architectural Engineering

Morning Plenary: Upgrading Tools for Participating in the MicroBEnet and Responding to Growing Community Needs

Jonathan Eisen, University of California at Davis (9:00)

(9:30) Platform Presentations on Bioaerosols and the "other biomes", Pollens, Fungi and Virus Populations

Agriculture and Agrifood Canada, Keith Seifert (9:30)

Denver Botanic Gardens, Mervi Hjelmroos-Koski (9:50)

Virginia Polytechnic Institute, Department of Civil Engineering, Lindsay Marr (10:10)

(10:30)---Morning Break---

(10:50) Platform Presentations on Environmental Bioaerosol Assessments including Industrial Hygiene Perspectives

Principal Investigators from Industrial Hygiene and Bioinformatics Research Groups

J Craig Venter Institute, Metagenomics Laboratories, Shibu Yooseph (10:50)

University of Cincinnati, School of Public Health, Tiina Reponen (11:10)

(11:30) FACILITATED PANEL REPORTING: Reconstruction Team-Building and Environment Assessments

American Institutes for Research Staff Facilitating site-selected participants: Biology, Engineering and Building Science

(12:15) Overview and Reassignment of Formal Built Environment Break Out Sessions

American Institutes for Research, *Carlos Rodriguez, Rita Kirshstein, and Susan Cole*

AFTERNOON PROGRAM (Folsom Stadium)

(12:30) Lunch (Folsom Stadium, University of Colorado)

(1:30) Formal Break-Out Sessions: Leveraging Approaches for Developing a New Field

American Institutes for Research, *Carlos Rodriguez, Rita Kirshstein, and Susan Cole*

(3:00)--- Afternoon Break ---

(3:20) Reporting from Formal Break-Out Sessions

Opportunities and Challenges for the Sloan Grantee Leadership Leveraging Approaches for Developing an New Field

(4:00) Behavioralists' Conference Observations and Summary

Carlos Rodriguez, American institutes for Research

(4:20) Overview of Following Year's Programs

What we May Expect from Major Funding Agencies in the Medium Term

(4:35) Adjourn

Saturday, June 2, 2012

Breakfast provided by the Millennium Harvest House Hotel

Designated Travel Day (Morning Only - No Formal Program)

Hotel departures w/ hosted conference registration booth at hotel (until 10 am)



Sponsored by the Alfred P. Sloan Foundation