

Research

Microbiome Systems Biology for Human and Environmental Health

October 6, 2016 | 4:00-6:00 PM

Introductions:

Gloria Waters Vice President and Associate Provost for Research
Daniel Segrè Professor, Biology and Physics, CAS, Biomedical Engineering, ENG, and Bioinformatics
W. Evan Johnson Associate Professor, Medicine and Biostatistics, MED, and Bioinformatics

Research Presentations:

- **Enzyme Profiling for Functional Discovery**
Karen Allen, Ph.D., Professor, Department of Chemistry, College of Arts & Sciences
- **Motility and Colonization of Helicobacter in Stomach Mucosa**
Rama Bansil, Ph.D., Professor, Department of Physics, College of Arts & Sciences
- **Plant-Microbial Interactions in Natural and Managed Ecosystems**
Pamela Templer, Ph.D., Associate Professor, Department of Biology, College of Arts & Sciences
- **Microbes Gate Keep the Global Carbon Cycle and Regulate Climate**
Adrien Finzi, Ph.D., Professor, Department of Biology, College of Arts & Sciences
- **Insect Probiotics: Are Wolbachia in Mosquitos Good for Human Health?**
Horacio Frydman, Ph.D., Associate Professor, Department of Biology, College of Arts & Sciences, and National Emergency Infectious Diseases Laboratories (NEIDL)
- **Gluten-Degrading Bacteria and Enzymes: Novel Therapeutics for Celiac Disease**
Eva Helmerhost, Ph.D., Associate Professor, Department of Molecular & Cell Biology, School of Dental Medicine
- **Regulating Inflammation**
Trevor Siggers, Ph.D., Assistant Professor, Department of Biology, College of Arts & Sciences
- **Vaccines, Adjuvants, and the Microbiome**
Lee Wetzler, M.D., Professor, Department of Microbiology, School of Medicine
- **Southern Africa Mother Infant Pertussis Study**
Chris Gill, Ph.D., Associate Professor, Department of Global Health, School of Public Health
- **Microbiome: From Data to Models**
Kirill Korolev, Ph.D., Assistant Professor, Department of Physics, College of Arts & Sciences
- **Marine Microbiomes – Linking Ecosystem Function to Microbial Community Dynamics**
Wally Fulweiler, Ph.D., Associate Professor, Departments of Earth & Environment and Biology, College of Arts & Sciences
- **Systems Biology of the Earth Microbiome**
Jennifer Talbot, Ph.D., Assistant Professor, Department of Biology, College of Arts & Sciences
- **Two Approaches to Uncovering Ecological Principles**
Pankaj Mehta, Ph.D., Associate Professor, Department of Physics, College of Arts & Sciences

- **Tools and Methods for Interpreting Metagenomic Sequencing Data**

Evan Johnson, Ph.D., Associate Professor, Departments of Medicine and Biostatistics, School of Medicine

- **Metabolic Dynamics and Synthetic Ecology of Microbes**

Daniel Segrè, Ph.D., Professor, Departments of Biology and Physics, College of Arts & Sciences; Department of Biomedical Engineering, College of Engineering; and Bioinformatics Program

Thank you for your participation



Boston University Vice President and Associate Provost for Research
One Silber Way, 8th Floor, Boston, MA 02215
617-353-2230 / research@bu.edu