# Southern California Microbiome Symposium

**Connections to the Environment and Health**

**Calit2 Building Auditorium**  
University of California, Irvine  
Register: www.calit2.uci.edu

### September 23, 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Presenter(s)</th>
<th>Institution(s)</th>
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<tbody>
<tr>
<td>10:00 am</td>
<td>Jennifer Martiny</td>
<td>UC Irvine</td>
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<tr>
<td>10:40 am</td>
<td>Eric Allen</td>
<td>Scripps Institute of Oceanography, UC San Diego</td>
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<tr>
<td>11:20 am</td>
<td>Rachel Mackelprang</td>
<td>California State University, Northridge</td>
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<tr>
<td>1:00 pm</td>
<td>Lance Price</td>
<td>George Washington University School of Public Health</td>
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<td>1:40 pm</td>
<td>Sonia Michail</td>
<td>USC</td>
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<tr>
<td>2:20 pm</td>
<td>Nimisha Parekh</td>
<td>UC Irvine</td>
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<tr>
<td>3:20 pm</td>
<td>Ilana Brito</td>
<td>Cornell University</td>
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<tr>
<td>4:00 pm</td>
<td>Orianna Bretschger</td>
<td>J. Craig Venter Institute, San Diego</td>
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<tr>
<td>4:40 pm</td>
<td>Discussion</td>
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### ENVIRONMENT

- **10:00 am** Jennifer Martiny  
  UC Irvine  
  - Microbial Biogeography in Light of Traits

- **10:40 am** Eric Allen  
  Scripps Institute of Oceanography, UC San Diego  
  - Metagenomic Discovery of Polybrominated Toxin Biosynthesis in the Ocean Microbiome

- **11:20 am** Rachel Mackelprang  
  California State University, Northridge  
  - Strategies for Carbon Metabolism and Survival in Permafrost: Insights from Microbial-omics

### HEALTH

- **1:00 pm** Lance Price  
  George Washington University School of Public Health  
  - Foodborne Urinary Tract Infections: A New Paradigm for Food-Associated Illness

- **1:40 pm** Sonia Michail  
  USC  
  - The Gut Microbiome: Bench to Bedside

- **2:20 pm** Nimisha Parekh  
  UC Irvine  
  - Fecal Microbiota Transplant for Recurrent *C. difficile*, The UCI experience

### LUNCH BREAK

### COFFEE BREAK

- **3:20 pm** Ilana Brito  
  Cornell University  
  - Transmissible Components of the Microbiome

- **4:00 pm** Orianna Bretschger  
  J. Craig Venter Institute, San Diego  
  - Microbiomes and Microbial Fuel Cells for Sustainable Sanitation

### WINE AND CHEESE RECEPTION

This fourth annual microbiome symposium is co-hosted by UCI’s Institute for Genomics and Bioinformatics, Calit2, and UCI Data Science Initiative.