

RESEARCH ASSOCIATE AND POSTDOCTORAL SCHOLAR SUMMIT

Poster Sessions: "Tools and Technologies Bazaar"
Tuesday, February 4th, 2014

First Session (5:30 PM – 6:30 PM)	Second Session (6:30 PM – 7:30 PM)
Christina Preston - <i>Utilization of autonomous instrumentation in molecular surveys of the world's oceans</i>	Kiel Nikolakakis - <i>Probing Transcriptional Responses During Symbiosis Using Hybridized Chain Reaction Fluorescent in situ Hybridization (HCR-FISH)</i>
Cody Sheik - <i>Using meta'omics approaches to reveal the putative roles of enigmatic microbes at deep-sea hydrothermal vents</i>	Luke Thompson - <i>My Favorite Bioinformatics Tools</i>
Daniel Reed - <i>Integrating environmental genomics and biogeochemical models: a gene-centric approach</i>	Noriko Okamoto - <i>Single-cell based protist ecology</i>
Francesca Malfatti - <i>Atomic Force Microscopy: a powerful tool in marine microbial ecology</i>	Roland Hatzenpichler - <i>In-situ visualization of newly synthesized proteins in environmental microbes using amino acid tagging and click chemistry</i>
Guy Leonard - <i>Genome-scale comparative analysis of gene fusions, gene fissions, and the fungal tree of life</i>	Sameer Walavalkar - <i>Nanofabrication and plasmonics for the creation of unique bio-assays and genomic sequencing</i>
Helen Fredericks - <i>Lipidomics of marine bacteria and diatoms; lipid identification and quantification using liquid chromatography - mass spectrometry</i>	Sara Bender - <i>Marine Microbial Proteomics: Applications for detection and quantitation of changes in microbial physiology</i>
Ilana Gilg - <i>Genome sequencing of sorted viruses from culture and from the environment</i>	Sarah Bagby - <i>Novel seafloor sediment samplers permit in situ and near-in situ experimental manipulations of gas phase composition and pressure</i>
Jamie Becker and Paul Berube - <i>Current techniques for examining interactions between Prochlorococcus and its environment</i>	Shawn Polson - <i>VIROME: Viral Informatics Resource for Metagenome Exploration</i>
Jennifer Brum - <i>New Quantitative Methods for Exploring Marine Viral Ecology and Diversity</i>	Vicente Fernandez - <i>Microfluidic devices for studying marine microscale interactions</i>
Jillian Petersen - <i>Picture this: Developing novel methods for in situ imaging of microbial identity and activity</i>	Will Trimble - <i>Flowcell visualizations of four-color sequencing-by-synthesis</i>
Julie Robidart - <i>Novel technologies for sampling marine microbial communities in higher resolution</i>	Xavier Mayali - <i>Investigating the taxon-specific incorporation of stable isotope labeled substrates with Chip-SIP and proteomic-SIP</i>