GORDON AND BETTY MOORE FOUNDATION

MARINE MICROBIOLOGY INITIATIVE

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