

## Approved Proposals FY13

Following are the approved user proposals for fiscal year 2013.

### Community Science Program (CSP) Plans

Proposer	Affiliation	Project Description
Bartley, Laura	University of Oklahoma	<a href="#"><u>Switchgrass resequencing to enhance biofuel production</u></a>
Bartley, Laura	University of Oklahoma	<a href="#"><u>Panicum virgatum RNA sequencing to identify gene expression changes related to biofuel traits</u></a>
Blanchard, Jeffrey	University of Massachusetts	<a href="#"><u>Microbial community dynamics in a long-term soil warming chronosequence</u></a>
Boeke, Jef	Johns Hopkins University	<a href="#"><u>Synthesis of the largest yeast chromosome, chromosome IV, and the synthetic yeast genome Sc2.0</u></a>
Brune, Andreas	Max-Planck Institute, Marburg, Germany	<a href="#"><u>Metagenomics and metatranscriptomics of the gut microbiota of higher termites</u></a>
Constant, Philippe	INRS, Canada	<a href="#"><u>Metagenomic and Metatranscriptomic Analysis of Soil Biogeochemical Processes Sustained by Interspecific Transfer of Molecular Hydrogen</u></a>

Cottrell, Matthew	University of Delaware	<a href="#"><u>Actively growing bacteria in coastal waters of the west Antarctic Peninsula identified by metatranscriptomic analysis</u></a>
Denef, Vincent	University of Michigan	<a href="#"><u>The bacterial component of the microbial loop in the Laurentian Great Lakes and their role in the carbon cycle.</u></a>
Deutschbauer, Adam	LBNL	<a href="#"><u>Functional Encyclopedia of Bacteria and Archaea (FEBA)</u></a>
Francis, Christopher	Stanford University	<a href="#"><u>Metagenomic and biogeochemical characterization of marine ammonia-oxidizing archaeal communities in a coastal upwelling system</u></a>
Glass, N. Louise	UC Berkeley	<a href="#"><u>The Fungal Nutritional ENCODE project</u></a>
Goker, Markus	DSMZ, Germany	<a href="#"><u>Genomic Encyclopedia of Archaeal and Bacterial Type Strains, Phase II: from individual species to whole genera</u></a>
Greenshields, Dave	Novozymes	<a href="#"><u>Genome sequencing of phosphate-solubilizing Penicillium species to understand fungal contributions to the phosphorus cycle.</u></a>
Hallam, Steven	University of British Columbia, Canada	<a href="#"><u>Opening a single-cell genomic window on microbial ecotype selection in expanding marine oxygen minimum zones</u></a>
Jansson, Janet	LBNL	<a href="#"><u>Next Generation Ecosystem Experiment (NGEE) in the Arctic</u></a>
Juenger, Tom	University of Texas at Austin	<a href="#"><u>Resequencing diverse collections and mapping resources for Panicum hallii</u></a>

Kema, G. H. J.	Wageningen University and Research Centre, Netherlands	<a href="#"><u>Deciphering the Interactome of Dothideomycete-bioenergy crops</u></a>
Martin, Francis	INRA, France	<a href="#"><u>Mycorrhizal Genomics Initiative: Exploring the Symbiotic Transcriptomes</u></a>
Nichols, Nancy	USDA-ARS	<a href="#"><u>Genome sequence of the inhibitor-tolerant Ascomycete Coniochaeta ligniaria NRRL30616</u></a>
Nusslein, Klaus	University of Massachusetts	<a href="#"><u>Profiling Metatranscriptomic Consequences of Amazon Deforestation at Different Spatial Scales</u></a>
Picard, Kathryn	Duke University	<a href="#"><u>Functional genomics of the saprotrophic-symbiotrophic fungus Rhizidium phycophilum and its algal partner Bracteacoccus sp.: increasing algal biomass through symbiosis</u></a>
Record, Eric	Aix-Marseille University, France	<a href="#"><u>Survey of lignocellulolytic capabilities over the order Polyporales (Fungi, Basidiomycetes)</u></a>
Sczyrba, Alex	Bielefeld University, Germany	<a href="#"><u>Metagenome, metatranscriptome and single cell genome sequencing to uncover the microbiology and functional potential of biogas-producing microbial communities from production-scale biogas plants</u></a>
Shapiro, Lucy	Stanford University	<a href="#"><u>Defining the essential symbiosis genome of Sinorhizobium meliloti</u></a>
Siegel, Justin	University of Washington	<a href="#"><u>Enhancement of Biofuel Production and Carbon Fixation Pathways through Metagenomic Enzyme Design</u></a>
Stacey, Gary	University of Missouri	<a href="#"><u>DOE JGI Flagship Plant Gene Atlas Pilot</u></a>

Stepanauskas, Ramunas	Bigelow Laboratory for Ocean Sciences	<a href="#"><u>Enigmatic life underneath us: genomic analysis of deep subsurface microorganisms</u></a>
Teeling, Hanno	Max-Planck Institute, Bremen, Germany	<a href="#"><u>COGITO (Coastal Microbe Genomic &amp; Taxonomic Observatory)</u></a>