

## Approved Proposals FY10

Following are the approved user proposals for fiscal year 2010.

### Community Science Program (CSP) Plans

#### Eukaryotes

Proposer	Affiliation	Organism
Collier, Jackie	Stony Brook University	<a href="#"><u>Four <i>Labyrinthulomycete</i> species</u></a>
Cullen, Daniel	US Forest Service, Forest Products Laboratory	<a href="#"><u>Homkaryotic derivative of <i>Postia placenta</i></u></a>
Cullen, Daniel	US Forest Service, Forest Products Laboratory	<a href="#"><u>Lignin-degrading fungus <i>Phlebiopsis gigantea</i></u></a>
Goodwin, Stephen	USDA-ARS and Purdue University	<a href="#"><u><i>Dothideomycetes</i> plant pathogens</u></a>
Grossniklaus, Ueli	University of Zurich	<a href="#"><u>Apomictic plant <i>Boechera holboellii</i></u></a>

Koppisch, Andy	Los Alamos National Laboratory	<a href="#"><u>Colony forming microalga <i>Botryococcus braunii</i> var <i>Showa</i></u></a>
Kubisiak, Thomas	US Forest Service, Southern Research Station	<a href="#"><u>Fusiform rust fungus <i>Cronartium quercuum</i> f.sp. <i>fusiforme</i></u></a>
Martin, Francis	Institut National de la Recherche Agronomique	<a href="#"><u>Pan-global basidiomycetes <i>Pisolithus tinctorius</i> and <i>Pisolithus microcarpus</i></u></a>
McDaniel, Stuart	University of Florida	<a href="#"><u><i>Ceratodon purpureus</i>(moss)</u></a>
Moreau, Herve	CNRS and UPMC	<a href="#"><u>Resequencing <i>Ostreococcus tauri</i></u></a>
Paterson, Andrew	University of Georgia	<a href="#"><u>Resequencing sorghum</u></a>
Phister, Trevor	North Carolina State University	<a href="#"><u>Completion of the <i>Dekkera (Brettanomyces) bruxellensis</i> genome sequence</u></a>
Pringle, Anne	Harvard University	<a href="#"><u>Cellulose degrading fungus <i>Amanita thiersii</i></u></a>
Reeve, Wayne	Murdoch University	<a href="#"><u>Phytopathogenic oomycete <i>Phytophthora cinnamomi</i></u></a>
Roossinck, Marilyn	Samuel Roberts Noble Foundation	<a href="#"><u>Alteration of <i>Curvularia protuberata</i> transcripts due to presence of <i>Curvularia thermal</i> tolerance virus</u></a>
Vyverman, Wim	Ghent University	<a href="#"><u>Diatom transcriptome and genome</u></a>
Weeks, Donald	University of Nebraska-Lincoln	<a href="#"><u>Transcriptome analyses of <i>Chlamydomonas</i> and <i>Chlorella</i></u></a>

Zhong,  
Shaobin

North Dakota  
State University

[Fungal pathogen \*Cochliobolus sativus\*](#)

## Bacteria and Archaea

Proposer	Affiliation	Organism
Auchtung, Jennifer	Michigan State University	<a href="#"><u>Role of population microdiversity in adaptation to environmental redox gradients</u></a>
Anderson, Iain	DOE Joint Genome Institute	<a href="#"><u>Xylan degraders</u></a>
Anderson, Iain	DOE Joint Genome Institute	<a href="#"><u>Genomic survey of haloarchaeal genomes</u></a>
Bayer, Travis	University of California, San Francisco	<a href="#"><u><i>Actinotalea fermentans</i></u></a>
Bollmann, Annette	Miami University	<a href="#"><u>Five isolates from the contaminated subsurface sediment of Oak Ridge's FRC area</u></a>
Brown, Igor	NASA Johnson Space Center	<a href="#"><u>Two strains of Cyanobacteria for biological remediation</u></a>
Bryant, Donald	Penn State University	<a href="#"><u>Representative photosynthetic purple sulfur bacteria</u></a>
Cavicchioli, Rick	University of New South Wales	<a href="#"><u>Novel haloarchaea from Deep Lake</u></a>

Coleman, Nicholas	University of Sydney	<a href="#"><u>Ethene and vinyl chloride-oxidizing <i>Mycobacterium</i> strains</u></a>
Cooper, Vaughn	University of New Hampshire	<a href="#"><u>Adaptive mechanisms in <i>Burkholderia</i> biofilms</u></a>
Copley, Shelley	University of Colorado at Boulder	<a href="#"><u><i>Sphingobium chlorophenolicum</i></u></a>
Daly, Michael	Uniformed Services University of the Health Sciences	<a href="#"><u>Radiation-resistant bacterium <i>Deinococcus grandis</i></u></a>
Dopson, Mark	Umeå University	<a href="#"><u>Psychrotolerant <i>Acidithiobacillus</i> species</u></a>
Dvornyk, Volodymyr	University of Hong Kong	<a href="#"><u><i>Nostoc linckia</i> from “Evolution Canyon”</u></a>
Edwards, Elizabeth	University of Toronto	<a href="#"><u>Novel acetogenic bacterial isolates from dechlorinating microbial mixed cultures</u></a>
Emerson, David	Bigelow Laboratory for Ocean Sciences	<a href="#"><u>Two novel ‘Zetaproteobacteria’ from the ocean</u></a>
Green, Stefan	Florida State University	<a href="#"><u>Denitrifying bacterial isolates</u></a>
Grzymiski, Joseph	Desert Research Institute	<a href="#"><u>Microbes integral to the cycling of sulfate and iron</u></a>
Hagblom, Max	Rutgers University	<a href="#"><u><i>Acidobacterium</i> species from Arctic tundra soils</u></a>

Hedlund, Brian	University of Nevada Las Vegas	<a href="#">Thermophiles in Great Basin hot springs</a>
Kappler, Ulrike	The University of Queensland	<a href="#">Alkaliphilic sulfur oxidizing bacteria for sulfur pollution remediation</a>
Lewis, Gillian	University of Auckland	<a href="#">Freshwater manganese depositing <math>\beta</math>-proteobacterium (<i>Siderocapsaceae</i>)</a>
Liao, James	University of California, Los Angeles	<a href="#">Reverse metabolic engineering of <i>Escherichia coli</i></a>
Liu, Wen-Tso	University of Illinois at Urbana-Champaign	<a href="#">Comparison of novel methanogens from peatlands and bioreactors</a>
Liu, Wen-Tso	University of Illinois at Urbana-Champaign	<a href="#">Obligate syntrophic bacteria capable of phthalate isomer compound degradation in methanogenic conditions</a>
Martinez, Robert	University of Alabama	<a href="#">ORFRC <i>Rahnella</i> sp. Y9602</a>
Mavrommatis, Konstantinos	DOE Joint Genome Institute	<a href="#">Cyanobacteria (<i>Synechocystis</i>) transcriptome</a>
Mayali, Xavier	Lawrence Livermore National Laboratory	<a href="#">Marine <i>Roseobacter</i> RCA cluster bacterial strain LE17</a>
Mills, David	University of California, Davis	<a href="#">Acetobacter aceti ATCC 23746</a>

Muyzer, Gerard	Delft University of Technology	<a href="#">Haloalkaliphilic chemolithoautotrophic <i>Thioalkalivibrio</i> bacteria</a>
Nesbø, Camilla	University of Oslo	<a href="#">Thermotogales</a> strain mesG1.Ag.4.1
Norton, Jeanette M.	Utah State University	<a href="#">Nitrosomonas cryotolerans</a> and <i>Nitrosospira briensis</i> for comparative phylogenomics of ammonia-oxidizing bacteria
Pappas, Katherine	University of Athens	<a href="#">Zymomonas mobilis</a> transcriptomes and resequencing <i>Z. mobilis</i> industrial strain ZM4
Reeve, Wayne	Murdoch University	<a href="#">Rhizobia of clover, pea/bean and lupin microsymbionts</a>
Robb, Frank	Center of Marine Biotechnology	<a href="#">Carbon monoxide oxidizing thermophiles</a>
Rodrigues, Jorge	University of Texas at Arlington	<a href="#">Genome closure of lignocellulosic degrader <i>Verrucomicrobium</i> sp. strain TAV2.</a>
Sanchez Amat, Antonio	University of Murcia	<a href="#">Marine bacterial genus <i>Marinomonas</i></a>
Sello, Jason	Brown University	<a href="#">Biomass-degrading bacteria <i>Streptomyces viridosporus</i> ATCC 39115 and <i>Streptomyces setonii</i> ATCC 39116</a>
Smidt, Hauke	Wageningen University	<a href="#">Halorespiring Firmicutes</a>
Stabb, Eric	The University of Georgia Research Foundation	<a href="#">Mutations in <i>Vibrio fischeri</i></a>

Stein, Lisa	University of Alberta	Methanotrophic Bacteria from diverse environments
Stepanauskas, Ramunas	Bigelow Laboratory for Ocean Sciences	<a href="#">Single cell genome sequencing of mesopelagic bacterioplankton</a>
Tisa, Louis	University of New Hampshire	<a href="#">An atypical <i>Frankia</i> isolate and Non-Frankia Actinobacteria from Actinorhizal Plants</a>
Vieille, Claire	Michigan State University	<a href="#">Resequencing of <i>Actinobacillus succinogene</i></a>
Ward, David	Montana State University	<a href="#">Synechococcus cyanobacterial</a> isolates

## Metagenomes

Proposer	Affiliation	Organism
Breitbart, Mya	University of South Florida	<a href="#">Modern freshwater microbialites</a>
Chistoserdova, Ludmila	University of Washington	<a href="#">Functional metagenomics of methane and nitrogen cycles in freshwater lakes</a>
Davidson, Seana	University of Washington	<a href="#">Metagenome function of the Earthworm egg capsule bacterial community</a>
Deng, Li	University of Arizona	<a href="#">Viruses that infect freshwater cyanobacteria</a>

Edwards, Elizabeth	University of Toronto	<a href="#">Dehalobacter-containing dechlorinating community</a>
Hedlund, Brian	University of Nevada, Las Vegas	<a href="#">Great Boiling Spring sediment and water microbial communities</a>
Kirchman, David	University of Delaware	Metagenomic analysis of methane degradation in Arctic coastal waters and sediments
Madsen, Eugene	Cornell University	Naphthalene biodegrading microbial community
Mincer, Tracy	Woods Hole Oceanographic Institute	Natural microbial community associated with the cyanobacteria <i>Trichodesmium</i>
Moon, Christina	AgResearch Limited	<a href="#">Lignocellulolytic enzyme discovery from the rumen</a>
Powell, Amy	Sandia National Laboratories	<a href="#">Eukaryotic microbial metatranscriptome of blue grama grass rhizosphere soils</a>
Sullivan, Matthew	University of Arizona	Viral community in the Subarctic Pacific Ocean
Sullivan, Matthew	University of Arizona	<a href="#">Viral community in the Mediterranean Sea</a>
Taylor, Mike	University of Auckland	<a href="#">Microbial symbionts of New Zealand's endemic wood-degrading insects</a>
Waldrop, Mark	US Geological Services	<a href="#">Permafrost Soil Microbiota</a>



Ward, Naomi	University of Wyoming	<a href="#"><u>Metatranscriptomic analysis of bacterial-algal interactions</u></a>
Warnecke, Falk	Friedrich Schiller University of Jena	<a href="#"><u>Desert locust (<i>Schistocerca gregaria</i>)</u></a>
Worden, Alexandra	Monterey Bay Aquarium Research Institute	<a href="#"><u>Metagenomics of uncultured marine eukaryotes</u></a>