

Approved Proposals FY08

Following are the approved user proposals for fiscal year 2008.

Community Science Program (CSP) Plans

Large Eukaryotes

Organism	Proposer	Affiliation
Eucalyptus tree	Myburg	Univ. of Pretoria
Foxtail millet (<i>Setaria italica</i>)	Bennetzen	Univ. of Georgia
Porphyra purpurea (a marine red alga)	Brawley	Univ. of Maine

Small Eukaryotes

Organism	Proposer	Affiliation
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<u><i>Agaricus bisporus</i> (a leaf-litter degrading homobasidiomycete)</u>	Challen	Univ. of Warwick
<u><i>Heterodera glycines</i> (Soybean Cyst Nematode)</u>	Lambert	Univ. of illinois at Urbana-Champaign
<u><i>Marchantia polymorpha</i></u>	Bowman	Monash Univ. and Univ. of California Davis
<u><i>Paxillus involutus</i> (an ectomycorrhizal fungus)</u>	Tunlid	Lund Univ.
<u><i>Phaeocystis antarctica</i>: A dominant phytoplankter and ice alga in the Southern Ocean</u>	Berg	Stanford Univ.
<u><i>Phaeocystis globosa</i></u>	Allen	The Inst. for Genomic Research
<u>ESTs for Pines and Other Conifers</u>	Dean	Univ. of Georgia
<u><i>Tetrahymena thermophila</i> strain SB210</u>	Collins	Univ. of California Berkeley

Metagenomes

Organism	Proposer	Affiliation
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<u>Type I Accumulibacter</u>	McMahon	Univ. of Wisconsin-Madison
<u>Anammox bacteria (<i>Scalindua marina</i>, <i>Brocadia fulgida</i>, and <i>Anammoxglobus propionicus</i>)</u>	Jetten	Radboud Univ.
<u>A biogas-producing microbial community</u>	Wu	Univ. of California Davis
<u>Extreme microbial habitats across the Yellowstone geothermal ecosystem</u>	Inskeep	Montana State Univ.

Isolates

Organism	Proposer	Affiliation
<u><i>Allochromatium vinosum</i> DSM 180(T)</u>	Dahl	Univ. of Bonn
<u>Uncultivated methane-oxidizing archaeon ANME-1</u>	Hallam	Univ. of British Columbia
<u>Budding and non-budding stalked bacteria from aquatic environments (<i>Asticcacaulis biprosthicum</i>, <i>Asticcacaulis excentricus</i>, <i>Brevundimonas subvibrioides</i>, <i>Herschia baltica</i>, <i>Hyphomicrobium denitrificans</i>, and <i>Rhodomicrobium vannielii</i>)</u>	Brun	Indiana Univ.
<u><i>Diaphorobacter</i> sp. strain TPSY, <i>Ferrutens nitratireducens</i> strain 2002, and <i>Azospira suillum</i> strain PS</u>	Coates	Univ. of California Berkeley

Frankia strains (Eul1c, BCU110501, R43, BMG5.12, and AmMr)

Tisa Univ. of New Hampshire

Haloalkaliphilic sulfate-, thiosulfate- and sulfur-reducing bacteria (*Desulfonatronovirga dismutans* ASO3-1, *Desulfovibrio alkaliphilus* AHT2, and *Dethiobacter alkaliphilus* AHT1)

Muyzer Delft Univ. of Technology

Halothiobacillus neapolitanus and *Thiomonas intermedia*

Heinhorst Univ. of Southern Mississippi

Thermophilic or hyperthermophilic methanoarchaea within the *Methanococcales* (*Methanothermococcus okinawensis* IH1, *Methanotorris igneus* Kol 5, *Methanotorris formicicus* Mc-S-70, *Methanocaldococcus fervens* AG86, *Methanocaldococcus infernus* ME, *Methanocaldococcus vulcanius* M7, and *Methanocaldococcus* strain FS406-22)

Whitman Univ. of Georgia

Type I and Type II methanotrophic bacteria (*Methylobacterium album* BG8 and *Methylosinus trichosporium* OB3b)

Stein Univ. of California Riverside

Two *Micromonosporas* (*aurantiaca* and L5)

Hirsch Univ. of California Los Angeles

Natrialba magadii ATCC 43099

Maupin-Furlow Univ. of Florida

Pseudonocardia dioxanivorans CB1190

Mahendra Univ. of California Berkeley

Selenospirillum indicus

Bini Rutgers Univ.

Starkeya novella

Kappler Univ. of
Queensland

Thermovibrio ammonificans DSM 15698

Vetriani Rutgers Univ.

Variovorax paradoxus strains (S110 and EPS)

Han Rensselaer
Polytechnic
Inst.

Zymomonas mobilis strains: *Zymomonas mobilis* strains:
subsp. *mobilis* ATCC 10988, ATCC 29191, ATCC 31821 (ZM4),
CP4; subsp. *pomaceae* ATCC 29192; sp. NCIB 11163