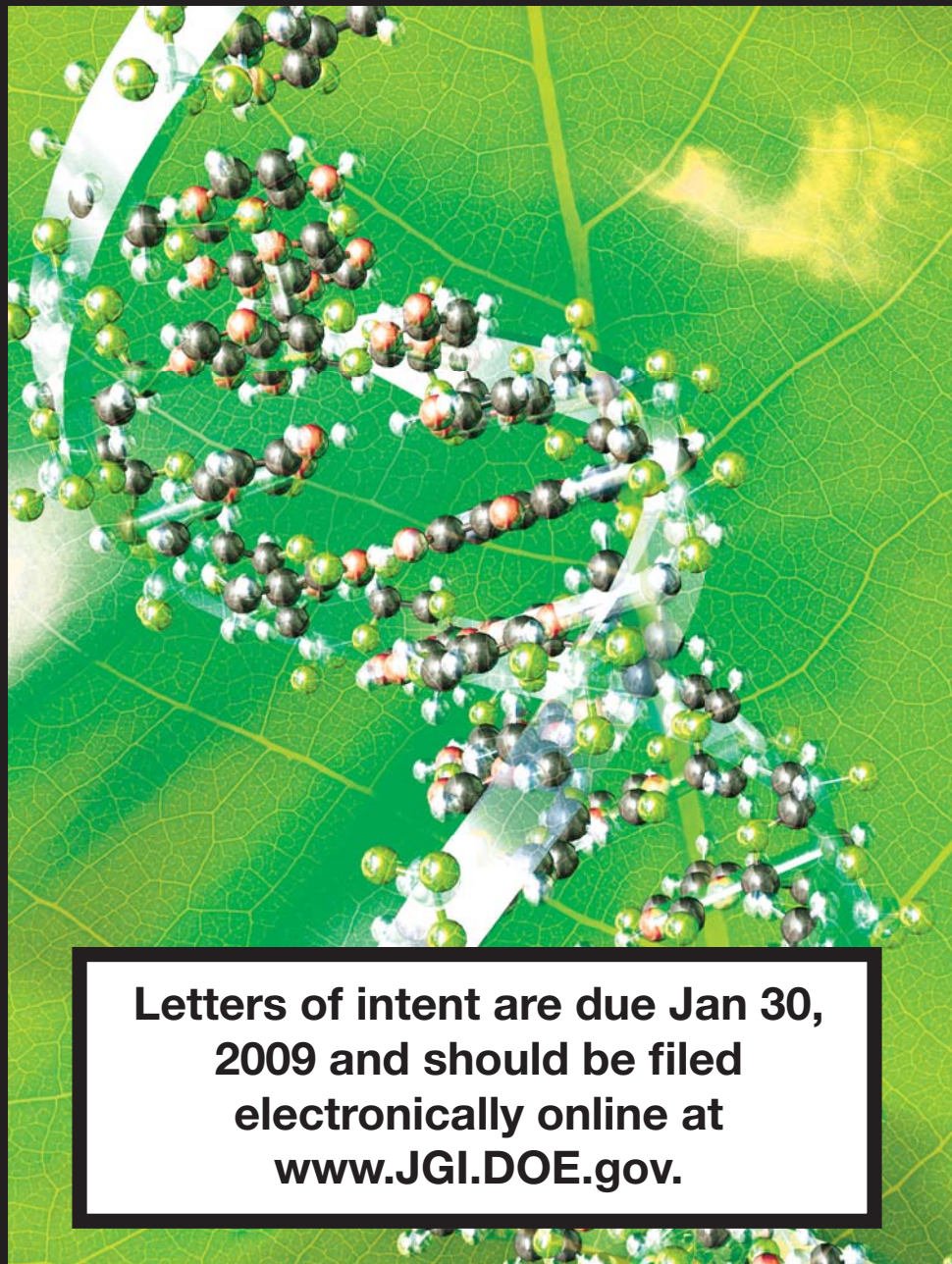




U.S. DEPARTMENT OF
ENERGY

Office of Science

JGI 
DOE JOINT GENOME INSTITUTE



**Letters of intent are due Jan 30,
2009 and should be filed
electronically online at
www.JGI.DOE.gov.**

U.S. Department of Energy Joint Genome Institute (DOE JGI)

COMMUNITY SEQUENCING PROGRAM (CSP)

is soliciting genome proposals related to DOE missions of bioenergy, global carbon cycling and biogeochemical processes influencing contaminant transport for:

Bacterial Resequencing:

Bacterial isolates related to DOE missions, for which a reference genome exists, may be proposed; proposals may focus on community structure and dynamics, understanding gene function under selective pressure, or of mutagenized strains.

Metagenomes:

Microbial communities involved in DOE relevant activities or specific mission-driven gene or pathway discovery.

Eukaryotic Resequencing:

Large-scale (< 20 gigabases) efforts that exploit next-gen sequencing technologies may be proposed: e.g., biomass feedstocks, plant models, biomass-degrading fungi and plant pathogens for which a reference genome exists or is currently planned.

Eukaryotic Reference Genomes:

DOE mission-relevant genomes of < 250 megabases appropriate for next-gen sequencers—ideally inbred with minimal polymorphism and repeat content. For larger sequencing projects, applicants may apply for pilot-scale sequencing to acquire this basic information.

Bacterial & Archaeal Isolates:

Beginning January 2009, brief proposals will be accepted on a continuous basis and reviewed every three months for organisms that participate in processes directly relevant to DOE missions or that enable sequence-based comparisons to illuminate gene function(s). Successful proposals will be prioritized and approved for sequencing when DNA prepared according to DOE JGI's standards is received.