



***NUFO 2015  
Annual Meeting***

***Oak Ridge  
National Laboratory***

***April 21–23, 2015***

**Cross Facility Programs:  
Opportunities and Challenges  
from JGI-EMSL Collaborative  
Science Initiative**

Terry Law  
User Program Services Manager  
EMSL

David Gilbert  
Communications Manager  
DOE JGI

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- Sponsored by Office of Biological and Environmental Research
- EMSL
  - leads *molecular-level discoveries* that translate to *predictive understanding* in *energy and environmental* challenges through multidisciplinary approaches.
- DOE JGI
  - produces *high-throughput DNA sequencing* and analysis to support BER missions in *alternative energy, global carbon cycling* and *biogeochemistry*.



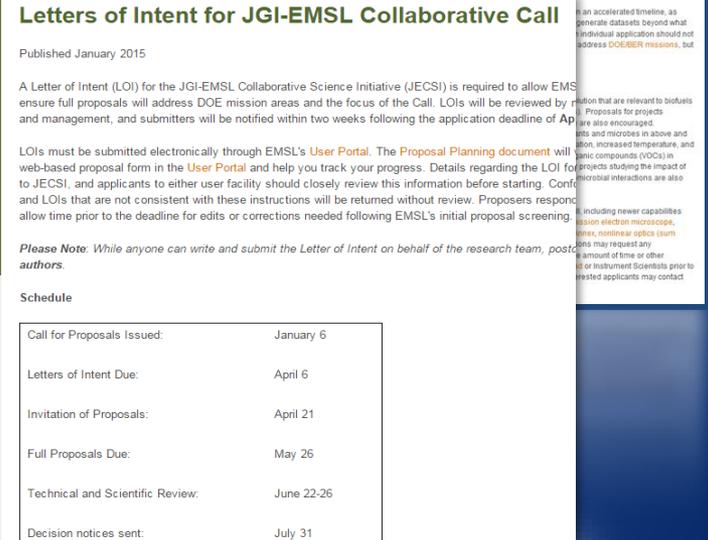
# JGI-EMSL Collaborative Science Initiative (JECSI)

- 1<sup>st</sup> Call issued in February 2013
- Focused on high risk/high payoff
  - Accelerated timescale (18-24 months)
  - Must *need* datasets from both facilities to succeed
  - Focused on biofuels production and carbon cycling



The screenshot shows the EMSL website with the following content:

- Header: EMSL ENVIRONMENTAL MOLECULAR SCIENCE LABORATORY. Navigation: HOME | ABOUT | SCIENCE | CAPABILITIES | WORKING WITH US | NEWS. Links: People | User Portal | Contact Us.
- Section: JGI-EMSL Collaborative Science Initiative
- Text: "The Call for Letters of Intent for JGI-EMSL Collaborative Science Research is now closed." "Applications for the JGI-EMSL Collaborative Science Initiative (JECSI) between EMSL and the Joint Genome Institute (JGI) are being accepted from January 6, 2015 to April 6, 2015. Both user facilities are stewarded by the Department of Energy Office of Biological and Environmental Research and play critical roles in supporting DOE's energy, environment and basic research missions. This call represents a unique opportunity for researchers to combine the power of genomics and molecular characterization in one proposed research project."
- Text: "Applications for JECSI follow a proposal package guidance, schedule, and review process that is tailored to meet both EMSL and JGI requirements. Applications begin with Letters of Intent (LOI), and requests for full proposals will be issued by April 21. Returning users especially are advised to carefully review the unique elements of this joint program as some of the procedures have changed."
- Section: Proposal Guidance
  - LOI Submittal
  - Full Proposal Guidance (limited Only)



The screenshot shows a document titled "Letters of Intent for JGI-EMSL Collaborative Call" published January 2015. The text includes:

- Published January 2015
- A Letter of Intent (LOI) for the JGI-EMSL Collaborative Science Initiative (JECSI) is required to allow EMSL ensure full proposals will address DOE mission areas and the focus of the Call. LOIs will be reviewed by and management, and submitters will be notified within two weeks following the application deadline of April 6, 2015.
- LOIs must be submitted electronically through EMSL's User Portal. The Proposal Planning document will web-based proposal form in the User Portal and help you track your progress. Details regarding the LOI for to JECSI, and applicants to either user facility should closely review this information before starting Conf and LOIs that are not consistent with these instructions will be returned without review. Proposers respon allow time prior to the deadline for edits or corrections needed following EMSL's initial proposal screening.
- Please Note:** While anyone can write and submit the Letter of Intent on behalf of the research team, post authors.
- Schedule**

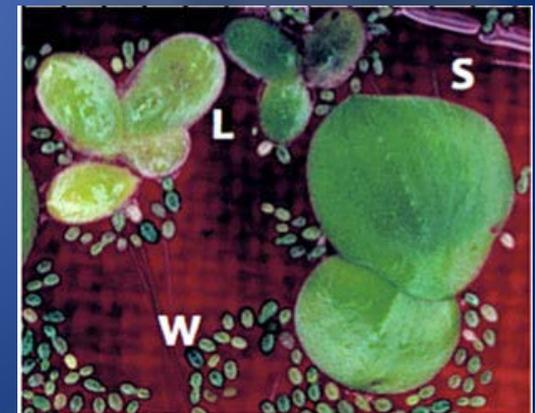
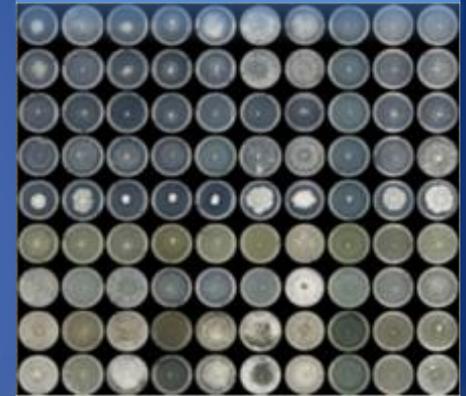
Call for Proposals Issued:	January 6
Letters of Intent Due:	April 6
Invitation of Proposals:	April 21
Full Proposals Due:	May 26
Technical and Scientific Review:	June 22-26
Decision notices sent:	July 31



# Challenges from JECSI

- Coordinating releases/highlights
- Unifying processes
- Integrating databases
- Combining policies and NPUAs
- Aligning queue times

The growth profile of a selection of tested isolates of *D. squalens*.



# Successes from JECISI

- Combined processes
  - Single proposal/review panel
  - Blended review criteria/scores
- Close coordination before and after Call
  - Monthly status meetings
- Expedited results
- Combined communication



# Increased Outreach

