



EcoliWiki and GONUTS: Wiki-Based Systems for Student Involvement in Genome Annotation

They're wikis; your students can't break them

...for long

Links

<p>EcoliWiki http://ecoliwiki.net</p> <p>Community-editable pages with all kinds of information about <i>E. coli</i> K-12, its phage, plasmids, and mobile elements. Also, methods, tools, papers and more.</p>	<p>GONUTS http://gowiki.tamu.edu</p> <p>GONUTS is the Gene Ontology Normal Usage Tracking System. Usage notes for GO terms, community annotation of any protein-coding gene from UniProt. Tools to support online "annotation jamborees"</p>
---	--

Getting support

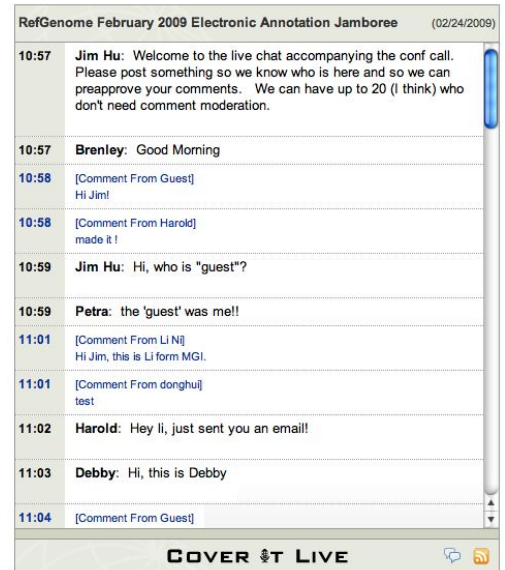
Email: ecoliwiki@gmail.com

or put questions on the discussion pages on the wikis. We can arrange teleconferences via Skype or CoverItLive online chats--or grab us here at ASMCUE!

Creating account(s)

Username: Demo
Password: asmcue2009

This password will be active through the ASMCUE meeting. The Demo user can create new accounts, but cannot edit anything. Use it to create a new account for yourself. Use your account to create accounts for your students. Student accounts can have normal accounts or can be set so they can do everything but create new users.



Following what your students are doing

We have extra tools to help you keep track of anything your students have done in the wiki.

Multi-institution collaboration

We can help you team up with courses at other institutions for joint projects.

Suggested activities

We welcome any kind of classroom activity or independent study to contribute or edit content in the wikis, and we are happy to support anything that the community thinks would be useful for microbiology/genomics education, as long as it is consistent with the wiki principle of making content public immediately. Contributions can be large or small:

- Write articles on topics not already covered in the wiki:
 - create new gene pages in GONUTS for your favorite organism
 - methods pages
 - mini-reviews for GO terms
 - documentation for online tools
- Add information about genes and gene products
 - GO annotation
 - mutant phenotypes for *E. coli* genes
 - add references to things others wrote



CACAO

Help us organize a Community Assessment of Community Annotation with Ontologies for Academic Year 2009/2010.

Our preliminary plan: For CACAO, participants would organize teams of undergrads to do functional annotation of genes from various microorganisms using Gene Ontology (GO). Each team could be a special topics course at your institution. We will provide information to support teaching how GO works and how curators do GO annotation for instructors to use in the first part of the course. We will pick a month where schools on quarters and semesters will all be in session to have an annotation competition targeting specific genes or topics. We will come up with a system for scoring annotation quantity and quality. At the end of the month, each time will have a chance to gain points by correcting errors in the annotations of the other teams. Rankings of teams will be published on the web and after a few cycles we will prepare a paper for publication about CACAO.