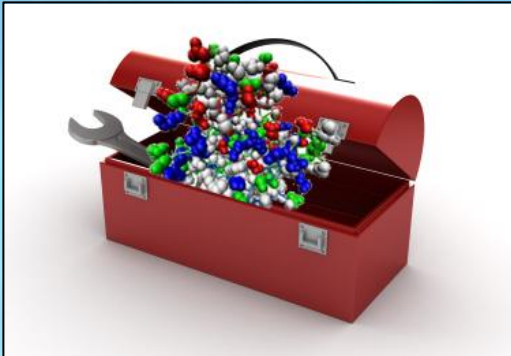




# NIMBioS

National Institute for Mathematical  
and Biological Synthesis



## Using Bioinformatics Data & Tools to Engage Students in Problem Solving

*A Curriculum Development Workshop*

**January 7-10, 2013**

**NIMBioS at the University of Tennessee, Knoxville**

Are you interested in incorporating research data and tools into your undergraduate biology course? Join us for a workshop that focuses on strategies for bringing bioinformatics resources, data visualization tools and an interdisciplinary approach to teaching and learning biology. The program, co-presented by BioQUEST Curriculum Consortium and the European Bioinformatics Institute, features hands-on experience working with publicly accessible research data to solve biological problems and research talks. Topics include strategies for teaching with big datasets, using proteomics and functional genomics resources, visually exploring data and accessing online databases. You will also work collaboratively to create a curriculum project for use in your classroom.

Co-hosts: NIMBioS and UT's SCALE-IT (Scalable Computing and Leading Edge Innovative Technologies)

Participation in the workshop is open, but numbers are limited, so individuals with a strong interest in the topic are encouraged to apply. If needed, financial support for travel, meals, and lodging is available for workshop attendees.

**Application deadline: November 1, 2012**

For more information about the workshop and a link to the online application form, go to [http://www.nimbios.org/education/WS\\_curriculum\\_dev2013](http://www.nimbios.org/education/WS_curriculum_dev2013)

*The National Institute for Mathematical and Biological Synthesis (NIMBioS) brings together researchers from around the world to collaborate across disciplinary boundaries to investigate solutions to basic and applied problems in the life sciences. NIMBioS is sponsored by the National Science Foundation, the U.S. Department of Homeland Security, and the U.S. Department of Agriculture with additional support from The University of Tennessee, Knoxville.*

