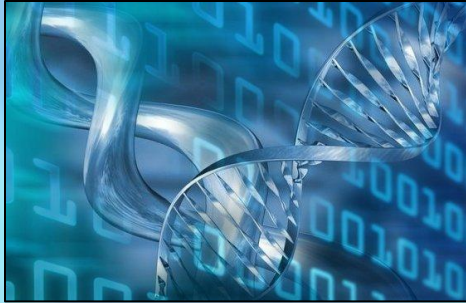# NIMBioS

National Institute for Mathematical and Biological Synthesis

Algebraic & Discrete Biological Models for Undergraduate Courses
A NIMBioS Tutorial

June 18-20, 2014
NIMBioS at the Univ. of Tennessee, Knoxville

This workshop will bring together faculty from both mathematics and biology to learn algebraic and discrete approaches to problems from modern biology including gene regulation, gene identification, RNA folding, phylogenetics, and metabolic pathway analysis. Interactive lectures with quick exercises on each topic will be followed by structured hands-on activities. Participants will also learn web-based software systems and databases that students in their courses can use. Participants will be able to customize their tutorial experience by opting for lectures and activities at two different levels: introductory and advanced. Participation in the tutorial is by application only. Individuals with a strong interest in the topic, including post-docs and graduate students, are encouraged to apply, and successful applicants will be notified within two weeks of the application deadline. If needed, applicants may request travel and lodging support.

<u>Application deadline: February 28, 2014</u>

For more information about the tutorial and a link to the online application form, go to
<u>http://nimbios.org/tutorials/TT_mathbio</u>

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