



National Science Foundation | Research Experiences for Undergraduates (REU) Site

REU Site: Modeling and Simulation in Systems Biology (MSSB)

May 25 - August 1, 2008



VirginiaTech
Interdisciplinary Center for Applied Mathematics

<http://biomath.vbi.vt.edu/>

Be a part of this state-of-the-art undergraduate research experience!



The scientific focus of the program is the modeling and simulation of biological networks, ranging from intracellular biochemical networks to networks at the organism level and the population level, through the study of the spread of epidemics in social networks. The program is a partnership between the Virginia Bioinformatics Institute (VBI) and the Interdisciplinary Center for Applied Mathematics (ICAM) at Virginia Tech.

VBI is a multidisciplinary research institute integrating quantitative and experimental approaches to biological systems. ICAM focuses on interdisciplinary research and education, bringing together mathematics, engineering, and the sciences.

This great summer opportunity is for you!

- Are you a rising junior or senior majoring in a mathematical or computational science?
- Are you thinking about graduate school in these areas?

How to apply

- **ONLINE Application:** Review of applications will begin on **February 24, 2008** (will continue to accept applications until all slots are filled)
- To apply please visit <http://biomath.vbi.vt.edu/> and follow the instructions for submitting the application materials
- This program is limited to US citizens and permanent residents

The program provides

- \$2,500 stipend
- Travel costs
- On-campus housing, meals, access and use of library and recreation/sports facilities
- Social activities, scientific ethics workshop, workshops on giving presentations, and more

Send questions to biomath@vbi.vt.edu.

Funding for the program is subject to final approval by the NSF



EXPERIENCE



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