

## Faculty Positions at the Interface of Mathematics and Biology

As part of a major initiative associated with the National Institute for Mathematical and Biological Synthesis (NIMBioS), the University of Tennessee, Knoxville, seeks two outstanding researchers to expand our highly active research groups at the interface of mathematics and biology. We seek individuals who will reach across traditional boundaries to develop transformative science, making use of exciting new developments in the life sciences, mathematics and computational science. These are tenure-track positions at levels appropriate to experience.

- **Animal Infectious Disease Modeling:** We seek an outstanding scientist with a strong record of research in the mathematics and modeling of animal infectious diseases, to start August 1, 2010. A Ph.D. is required and a DVM/VMD or equivalent degree would be beneficial. Post-doctoral experience is preferred. A commitment to excellence in teaching is expected. Teaching responsibilities will include graduate-level courses appropriate for a diverse group of biology, mathematics, wildlife and veterinary students. We seek a creative colleague who will develop an innovative research program using mathematical approaches to address fundamental and applied questions in animal infectious disease. This position may be based in the College of Veterinary Medicine (Department of Comparative Medicine or Pathobiology) or the Department of Forestry, Wildlife and Fisheries, or the Department of Mathematics, with possible joint appointments between these or other units.
- **Mathematics for Biology at Below-Organism Level:** We seek an outstanding researcher with a strong record in the mathematics and modeling of biological systems below-organism level. A Ph.D. is required and post-doctoral experience is preferred. A commitment to excellence in teaching at both undergraduate and graduate levels is expected. Teaching responsibilities will include graduate-level courses in the area of the applicant that would be appropriate for a diverse group of biology and mathematics students. Candidates are expected to have sufficiently strong mathematics experience appropriate for appointment to the faculty of Mathematics or the faculty of Electrical Engineering and Computer Science, although base and joint appointments are also possible in other units including the Department of Biochemistry, Cellular and Molecular Biology and the Department of Microbiology.

UT has active interdisciplinary research groups across many areas of biology and mathematics including epidemiology and offers an exciting environment for collaborative research with colleagues from many units at UT and from Oak Ridge National Laboratory. For information about NIMBioS, visit <http://nimbios.org>. Candidates for positions should apply to:

Dr. Louis J. Gross  
National Institute for Mathematical and Biological Synthesis  
University of Tennessee, Knoxville, TN 37996-1527  
[faculty-searches@nimbios.org](mailto:faculty-searches@nimbios.org)

Applicants should send electronic copies of their CV, statements of research and teaching goals, and up to 5 reprints, and should arrange for three reference letters to be submitted. Applications will be reviewed beginning November 13, 2009.

*All qualified applicants will receive equal consideration for employment and admissions without regard to race, color, national origin, religion, sex, pregnancy, marital status, sexual orientation, gender identity, age, physical or mental disability, or covered veteran status.*

*Eligibility and other terms and conditions of employment benefits at The University of Tennessee are governed by laws and regulations of the State of Tennessee, and this non-discrimination statement is intended to be consistent with those laws and regulations.*

*In accordance with the requirements of Title VI of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990, The University of Tennessee affirmatively states that it does not discriminate on the basis of race, sex, or disability in its education programs and activities, and this policy extends to employment by the University.*

*Inquiries and charges of violation of Title VI (race, color, national origin), Title IX (sex), Section 504 (disability), ADA (disability), Age Discrimination in Employment Act (age), sexual orientation, or veteran status should be directed to the Office of Equity and Diversity (OED), 1840 Melrose Avenue, Knoxville, TN 37996-3560, telephone (865) 974-2498 (V/TTY available) or 974-2440. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.*