



## Call for Applications

### **Assistant Professor Position in Microbial Systems Biology**

The Department of Microbiology and the National Institute for Mathematical and Biological Synthesis (NIMBioS) at the University of Tennessee, Knoxville invite applications for a tenure-track faculty position at the rank of Assistant Professor in the area of Microbial Systems Biology, with a primary appointment in Microbiology. We seek applicants whose research will center on modeling the metabolism, regulation, evolution, and other emergent properties of microbial systems on the intracellular, community, or ecosystem level. Such research should integrate multiple types of experimental data, possibly including biomolecular "omics" data, into a mathematical framework for microbial systems. It is anticipated that candidates will have experience and interests in the synthesis of experimental and observational data through quantitative modeling and theory: a competitive start-up for creating a mathematics or theory based research group to collaborate with empiricists will be available. The successful candidate will address questions that complement existing strengths in the Microbiology department, and the cross-disciplinary approaches supported by NIMBioS. There also exist opportunities to interact with groups and facilities in the nearby Oak Ridge National Laboratory.

A PhD in a computational, statistical or mathematical sciences or a biological field as well as relevant postdoctoral research experience are required. The successful candidate is expected to establish an innovative, externally-funded research program and contribute to the departmental teaching mission at the undergraduate and graduate levels. The position will start as early as August 1, 2017, and the salary will be competitive.

Applications should include a brief cover letter, CV with list of publications, a 2-3 page outline of research interests, and a separate 1-2 page description of teaching interests. Please provide the contact information for three individuals who are familiar with the applicant and would be willing to provide letters of recommendation. Please email the application as a single pdf file to MicroNIMBioS@nimbios.org. Letters should be addressed to Dr. Steven Wilhelm, Professor of Microbiology, and informal inquiries may be sent to him at wilhelm@utk.edu. Review of applications will begin Dec 1, 2016 and will continue until the position is filled.

For more information, visit <http://www.nimbios.org/positions/>

*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, and 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. Requests for accommodation of a disability should be directed to the ADA Coordinator at the Office of Equity and Diversity.*

*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 with additional support from The University of Tennessee, Knoxville*