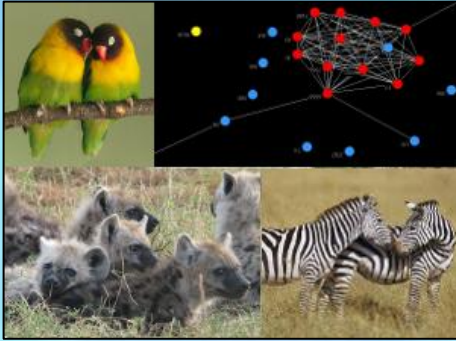




# NIMBioS

National Institute for Mathematical  
and Biological Synthesis



## Animal Social Networks A NIMBioS Investigative Workshop

March 6-8, 2014

NIMBioS at the Univ. of Tennessee, Knoxville

This investigative workshop will explore problems and opportunities raised by small (tens to hundreds of individuals) social networks as they develop over time. Focus areas include how temporal dynamics affect network function and emergent properties; the response of the network to perturbations (e.g., births, deaths, immigration and emigration); and the tension between network structure (e.g., importance of roles and network centrality) and process (e.g., flow of information, disease transmission). The workshop will bring together empiricists interested in a diversity of animal social groups (ants, fish, birds, mammals) and quantitative scientists (network scientists, mathematicians, computer scientists, physicists) interested in the special problems posed by the dynamics of small social networks.

Participation in the workshop is by application only. Individuals with a strong interest in the topic are encouraged to apply, and successful applicants will be notified within two weeks of the application deadline. If needed, financial support for travel, meals, and lodging is available for workshop attendees.

### **Application deadline: December 2, 2013**

For more information about the workshop and a link to the online application form, go to [http://nimbios.org/workshops/WS\\_socialnet](http://nimbios.org/workshops/WS_socialnet)

*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.*

