

Meeting: 1003, Atlanta, Georgia, MAA CP S1, MAA Session on Meeting the Challenge: Relationship Between Mathematics and Biology in the 21st Century

1003-S1-967 **Jeff R. Knisley*** (knisleyj@etsu.edu), Box 70663, Dept. of Math, East Tennessee State University, Johnson City, TN 37614-0663. *The Institute for Quantitative Biology at East Tennessee State University.*

In this presentation, we describe a successful research and teaching collaboration between the departments of Biology and Mathematics at East Tennessee State University. This collaboration, which is known as the Institute for Quantitative Biology (IQB), has developed innovative curricula, has supported numerous undergraduate and graduate researchers, and has fostered research collaborations between a large number of mathematicians and biologists. In the presentation, we will focus on how the IQB was formed, how it has obtained support (NSF DUE 0337406), and how it supports teaching and research at the intersection of mathematics and biology. (Received October 01, 2004)