

1014-92-1186 **Suzanne Lenhart*** (1lenhart@math.utk.edu), University of Tennessee, Math. Dept., Knoxville,
TN 37996-1300. *Collaborative Research with Math and Biology Majors*. Preliminary report.

As a part of an NSF-funded UBM grant supplement, we worked with three math majors and three biology majors on research projects for two years. The students designed the experiments with faculty guidance, performed the experiments and worked math analysis, modeling and numerical simulations. The first experiments involved lab work with colpidium and paramecium. The second set of experiments involved plants, competition and invasion. (Received September 27, 2005)