**Research projects for students in AGBI 411 Honors section**

These two projects will account for 25% of your grade.

Project I. 15% An individual project. You will answer student questions related to an original research article from the scientific literature. Write a summary/review paper of not more than 5 pages double spaced. Highlight why the authors were interested in a particular research area and what led them to conduct the specific set of experiments addressed in the paper. Describe the experimental approaches taken and the results obtained. Discuss the key findings in each table/figure. Discuss the implication(s) of the findings in context of the reason the authors were interested in the research area and what questions/experiments seem a rational progression given the results of the paper. Demonstrating an understanding of the statistics used in the papers will be well received.

Project 2. 10% A group project. Develop a problem based learning (PBL) exercise similar to the ones you have already seen in the lab section of the class. You will need background information, clinical symptoms, and questions. You will run the lab one night using your PBL.