CALIFORNIA STATE UNIVERSITY, EAST BAY
STATISTICS DEPARTMENT

Statistics 4870/6870 Bayesian Statistics
Summer 2007

Project

The project for the class will be to find a topic of interest to you and to find an example WinBUGS program to understand, run, and interpret the results from. To start you might look over the examples in WinBUGS, see Help, Examples Vol. I or Vol.II. In OpenBUGS see Examples Vol. I, II, or III.

Next week on Monday a proposal for your project will be collected which should include

1. The topic of interest. That is the area of application of you project.

2. Give a description of the statistical methods used in the example program you have decided to work on.

3. Describe the data and the parameters in the model.

4. Describe what the parameters if interest are in the model and what the possible inferences will be.