

22S:138, Bayesian Statistics  
Fall 2008  
Instructor: Cowles  
Information on Midterm 2

- Midterm 2 will be given **Fri. 10/31** in class.
- It will cover the following topics:
  - Exchangeability
  - Normal models with both  $\mu$  and  $\sigma^2$  unknown
  - Hierarchical models
  - Directed graphs
  - Deriving full conditional distributions
  - Interpreting WinBUGS output (graphs and statistics)
- Questions will be mostly short answer, with a little calculation. Some will involve interpreting computer output that I will provide.
- You may bring one 8-1/2 x 11 sheet of paper with your own notes on it and a calculator and a photocopy of the table of distributions from your textbook.