Connecting with Students: Using Case Studies to Teach Research Skills
Sharon Murphy, MLS, AHIP, RN – Health Sciences Library

Our Scenario
A “one-shot” lecture introducing new students to library research

Sound familiar?

What did we do?
• UB Librarian and School of Nursing instructor teamed up
• Used case studies for 3 years to introduce and foster research skills to 90 freshman nursing students each Fall semester

What’s a Case Study?
Case studies are stories with an educational message (Clyde Freeman Hembell)

Our Objectives
• Engage students in recognizing when information is needed
• Foster their ability to find, retrieve, evaluate, and professionally apply it (Information Literacy Defined – ACRL Web Site)

Our Vehicles
• UB’s award-winning National Center for Case Study Teaching in Science
  http://ublib.buffalo.edu/libraries/projects/cases/case.html
• Library wiki
• 2 hour class

These vehicles were jumpstarts to help students...
• Refine research questions
• Explore library and internet resources
• Constantly ask: Is this resource credible? Trustworthy? Does it add to my knowledge base?
• Use another case study to hone research skills
• Understand ethical and legal usage of information

Sample Case Studies*
• Not an Old Person’s Disease
  http://www.sciencecases.org/melanoma/melanoma1.asp (Miskowski & Galbraith, University of Wisconsin – La Cross)
• Andrea: The Death of a Diabetic
  http://ublib.buffalo.edu/libraries/projects/cases/diabetic/diabetic.html (Hembell, University at Buffalo)
• And many others
  http://ublib.buffalo.edu/libraries/projects/cases/ubcase.htm

*National Center for Case Study Teaching in Science, University at Buffalo, State University of New York

The Results
• Engaged students
• Improved quality of research papers
• Random, anonymous, index card sampling of students – uniformly positive comments
• Structured but flexible approach

Conclusions
• Successful model to teach effective research skills
• Fun for instructors and students
• Librarian/instructor/student partnership a “win-win” solution