Before we designed the class, we asked librarians on the MCMLA listserv, “What do you think belongs in a course on interpretation of statistics for medical librarians?” They told us: 1. Help to use evidence-based medicine concepts. 2. Understanding of statistical terms and various ways that differences are interpreted. 3. Statistical concepts relevant to critical appraisal of the medical literature. 4. The most common statistics used to judge and interpret a study and results. 5. Clear understanding/definition of the types of research and their application. In other words, why the statistical method used was appropriate or not for testing the hypothesis. 6. For me, start at the beginning! 7. What the numbers really mean. 8. Reading explanations and being able to ask questions after reading assigned materials. 9. Pop quizzes before each section of class to check understanding. 10. Instructor uses examples that really explain what he is talking about. 11. Definition of statistical terms; why some things are and aren’t statistically significant; the limits of what statistics can show. 12. Why is significance meaningful? Is there a “gold standard”? 13. Interpretation of data-CI, significance of sample size, p-value. 14. Basic statistics, ones you are most likely to see in research. Identification of what kinds of stats are most meaningful. Is there a “gold standard”? 10. Interpretation of data-CI, significance of sample size, p-value. 11. Definition of statistical terms; why some things are and aren’t statistically significant; the limits of what statistics can show. 12. Why is significance meaningful? Is there a “gold standard”? 13. Interpretation of data-CI, significance of sample size, p-value. 14. Basic statistics, ones you are most likely to see in research. Identification of what kinds of stats are most meaningful. Is there a “gold standard”? 10. Interpretation of data-CI, significance of sample size, p-value. 11. Definition of statistical terms; why some things are and aren’t statistically significant; the limits of what statistics can show. 12. Why is significance meaningful? Is there a “gold standard”? 13. Interpretation of data-CI, significance of sample size, p-value. 14. Basic statistics, ones you are most likely to see in research. Identification of what kinds of stats are most meaningful. Is there a “gold standard”? 10. Interpretation of data-CI, significance of sample size, p-value. 11. Definition of statistical terms; why some things are and aren’t statistically significant; the limits of what statistics can show. 12. Why is significance meaningful? Is there a “gold standard”? 13. Interpretation of data-CI, significance of sample size, p-value. 14. Basic statistics, ones you are most likely to see in research. Identification of what kinds of stats are most meaningful. Is there a “gold standard”?