Week 9: Writing II - Developing research papers:

The roles of the title, abstract, introduction, materials and methods, results, figures, tables, legends, discussion and conclusions will be reviewed. A discussion of where to start and how to proceed in writing a research paper will conclude with an analysis of well-written and flawed papers.

Week 9 Reading Assignments:

Read Chapter 10, starting at page 121, in Graduate Research-A Guide for Students in the Sciences
Read Publications and Openness (page 9), The Allocation of Credit (page 12), Authorship Practices (page13) in the booklet On Being A Scientist Responsible Conduct in Research

In preparation of the next CH801 class, please read these papers and be able to discuss the following about each paper.

1. What chemical problem did each paper solve and at what point in the paper did the authors tell the audience the problem they addressed?
2. Indicate the Abstract, Introduction, Results and Discussion, and the Conclusion. What is common about these aspects of each paper?
3. What audience are the authors writing to?
4. Why were these papers published in Science instead of the Journal of the American Chemical Society?


(Links to article pdf's can be found on the previous page under the 'reference materials' section)