



**Scientific Writing  
XPE045SCWR  
Summer 2019**

**Assignment 2  
Paper Outline with Emphasis on Presenting Results**

**Part 1: Figures**

In this part you are going to present an image, drawing, flowchart or plot that will (or might) appear in the results portion of your paper. If you do not yet have results to present, ask your advisor for some data in spreadsheet form (or something else) that you can work with.

**Notes on plots:**

- Plots should show at least two different data sets so that some contrasts/comparisons can be made.
- It is highly recommended that you do not create your plots in Excel. MATLAB, for example, yields better results.

**A. Present Result**

Present a clear and well-labeled figure. Highlight in your figure any notable aspects.

**B. Provide Caption**

The caption should be descriptive yet concise.

**C. Present Discussion**

Provide a well-developed, one-paragraph, discussion about the presented results. What is being plotted? What scenarios are being considered? Compare and contrast the data sets. What is the key idea the reader should leave with from this plot?

**Part 2: Nomenclature**

Your paper will require the use of variables and other parameters for which you will need to develop a clear notation. Create a list of possible variables you might use along with a short description for each. The purpose of this exercise is to have you begin developing the nomenclature for your work.

**Part 3: Update the rest of your paper.**

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A black and white hardcopy of your work is due at the beginning of class on Tuesday, March 19th.