

## Physics 598 PEN – Spring 2018

### **Assignment #4: Methods and Results Sections for Your Research Topic**

Write methods and results sections for your selected research topic. These sections should be written at a level suitable for a general audience and should include all the elements expected in the methods and results sections of a scientific paper. The methods section should include a description of the specific techniques used in your research topic and a description of the general procedures used in obtaining and analyzing the results. The results section should include a summary of results obtained; a description of procedures used to produce, analyze or process results; a discussion your interpretations of the results; and a discussion of how the results compare with relevant theories and/or existing data. These sections should also include appropriate references and use a consistent referencing style. Finally, you must include at least two relevant figures and appropriate figure captions. This assignment is worth 100 points, divided as follows: methods section (20 points), results section (30 points), two figures (20 points each), and references (10 points).

The first draft of this assignment will be due on **Friday, March 16**.  
The final version of this assignment will be due on **Friday, April 13**.