

Homework Assignment #4, Proper Referencing

The purpose of this homework is to give you practice in recognizing what kinds of statements must be referenced in scholarly work. References serve a variety of purposes in scientific writing:

- To locate your results within the context of prior work, to make clear what is new and what you've contributed.
- To make your premises and assumptions explicit; to identify the starting point for your logical exposition.
- To add authority to your arguments, by showing how others' observations and interpretations strengthen your own.
- To establish your expertise; to show that you understand the problem and are familiar with the relevant literature.
- To allow readers to easily check sources for themselves, so they can make their own informed decisions.

For this assignment, download the “Organo-nanosilicon Solar Cells” introduction section from a PHYS 496/499 alumnus' senior thesis [used with permission]. All references have been removed from this document. (The original thesis contained 76 references.)

Next, do the following:

1. Using the “highlight” tool of your preferred word processor, mark up the statements in the text that should be referenced. Use the “comment” tool to ask questions or make observations.
2. Find suitable references for **five** of the statements that you identify. References must be to the published, peer-reviewed literature—Wikipedia® articles do not count. Indicate where you would insert the reference call-out (either a superscript number,¹ or an inline bracketed number [2]) and provide complete bibliographic citations for your references at the end of the document. Note that superscript callouts go *outside* of punctuation marks, and bracketed callouts go *inside*, as shown in the previous sentence.

Here's an example of what you should do:

“Apart from the threat of depletion, fossil fuels pose numerous health^{1,2} and environmental risks,³ which have been well documented in the literature. Considering the limitations and concerns fossil fuels present, clean and renewable energy sources must be implemented to a larger degree.”

Submit your marked-up text and the five new references in a single file, emailed to both instructors.

Due: **Friday, February 27, midnight**. Email copies to both Professor Gammie and Celia. Assignments submitted after the deadline will be downgraded and will be ineligible for rewrite points.

Total—50 points

¹ M. Kampa and E. Castanas, “Human health effects of air pollution,” *Environ. Pollution* **151**, 362–367 (2008).

² B. Ostro, *Outdoor air pollution: Assessing the environmental burden of disease at national and local levels*. Geneva, World Health Organization, 2004 (WHO Environmental Burden of Disease Series, No. 5).

³ J. Michel, et al., *Spills of Emulsified Fuels* (Washington DC, National Academy Press, 2002), pp. 44–65.