

## Instructions for Final Paper of Literature Review

The culmination of your Literature Review will be an 8-page content paper (text only; don't include figures and tables in this count), with one additional page for references and additional pages for figures and tables, if necessary. The following steps must be followed in writing the paper.

- The submitted version **must be in PDF**, if you want full credit.
- The content of the paper must be **8 pages** of double-spaced 12-pt Times New Roman or equivalent font, but **do not** leave double spacing between paragraphs (i.e., spacing *between* paragraphs must be the same as between successive lines within a paragraph).
- The bibliography must be on a **separate page** (not to be included in the page count above).
- **Do not** insert figures or tables (if you have any) into the 8 pages above. **Instead**, use the old preprint format, in which figures and tables were inserted at the back of the document on separate pages. It is ok to combine two or more figures and/or tables on a page, but ***all of this must be at the end of the document, separate from the 8-page count for the content of your paper.***

Rules for writing the paper follow standard practice in the Astrophysical Journal, with some modifications due to the nature of this assignment. **Please read through carefully, as a number of steps you will need to follow are listed within sections below.**

### TITLE OF PAPER

(centered and all-caps, larger font size)

The title should be appropriately descriptive, but not overwhelmingly long.

### AUTHOR NAME

(centered and all-caps, smaller font size than title)

### Author Affiliation

(centered, same/smaller font size as author name)

In this case, there is only one author (yourself), and your affiliation is:  
Department of Physics, DePaul University; email address (note the semi-colon).

### ABSTRACT

(centered and all-caps, same font size as title)

Enter your abstract here. An abstract is a summary of the paper with a 250-word limit; it should describe concisely what you're doing in the paper and summarize your conclusions. Often, it is the hardest to write, and most seasoned authors save it for last, after they've finished writing all the other sections of the paper. I recommend you read the abstracts of some of the papers you'll be referencing to see how different authors handle this segment.

Continued on the next page ...

## 1. INTRODUCTION

(centered and all-caps, same font size as title)

Enter your introduction here. The introduction usually consists of 1-2 paragraphs introducing the topic of the paper, and provides the reader with the broader context in which to place the paper. One way to get an idea of how to write an introduction would be to read the introductions of some of the papers you're referencing.

## 2. PROCEDURES

(centered and all-caps, same font size as title)

This section is usually called "Observations and Data Reduction" but I've changed the label to reflect the activities in this assignment. In this section, you will list each paper that you'll be referencing in your literature review, and write 1-2 sentences about the subject of each paper. There is no need to go into elaborate discussion; that is for the next section.

## 3. DISCUSSION

(centered and all-caps, same font size as title)

This will be the major part of your paper, in which you present the details of your literature review. You may write this as one section, or divide it into sub-sections if you feel there are natural threads into which your topic sub-divides. Number each sub-section, if present, e.g., 3.1, 3.2, etc.

## 4. CONCLUSIONS

(centered and all-caps, same font size as title)

Contains 1-2 paragraphs stating your conclusions.

## REFERENCES

(centered and all-caps, same font size as author name, smaller than title)

Format is Author name list, Year, Journal, vol., page number;  
e.g., Baan, W. A., Haschick, A., & Henkel, C. 1992, AJ, 103, 728

If you're referencing a website, just give the URL of the website (note: I'm being less restrictive than ApJ here).

## ADDITIONAL PAGES FOR FIGURES AND TABLES (as needed)

Figures and tables should be added on pages at the end of the document. Figures should be large enough to be readable, but should not be pixelized. You may put more than one figure on a page, or a figure and a table if you think it saves space. Also, keep in mind that:

- All tables and figures must be labeled in Arabic numerals (1, 2, ...), and accompanied by a caption, e.g., **Figure 1.** Image of the star forming ....
- All tables and figures must be referenced at least once in the body of the paper, and must be referenced in sequence (i.e., Table 1 should be referenced first in the paper, then Table 2, etc.).
- Some description of the contents of a table or figure *must be provided* in the body of the paper, e.g., Table 1 contains the distances from the Sun to the planets in km and in AU. The nearest planet to the Sun ... (i.e., provide some discussion in the body of the paper of the contents of each table and figure, if any).