

BIOL 2402 Research Project---Health Brochure and Informational Write-up

Your research project is designed so that you can investigate and learn more about health issues discussed during the semester and to hone your writing and computer skills. Your instructor will provide you additional information.

Objectives

In creating a health brochure and informational write-up, you will:

- Utilize a variety of informational resources/technologies to search for data, research a health condition/disease/illness, create a brochure, and communicate the knowledge you gained to others.
- Draw on prior knowledge as well as knowledge gained during the semester on the subject to comprehend, interpret and evaluate the topic.
- Critically assess information found during research, demonstrating the ability to discern pertinent information.

Tasks

1. In creating a health brochure, you will need to brainstorm topics for your individual brochure. Once you have chosen a topic, you will need to research it thoroughly. This will entail searching online journals, library resources and information offered by organizations. You can create an outline for the information that you plan on including in your brochure and discuss it with me.

You will create your own brochure using the information you have gathered on your chosen topic. Each brochure will include pictures, facts, and resources. They can be created using Microsoft Word, (open Word, type the word Brochure in the search templates area, and use one of the templates provided), Microsoft Publisher or other computer software. In areas where computer access is limited, you can create a brochure by hand using 8 ½ X 11 cardstock or heavy paper, pictures cut from magazines or other sources, and text printed neatly and clearly. You can then upload a photo of your brochure to the Assignments folder on D2L.

The following are guidelines for creating the brochure:

The information should be brief (5-10 min read)

You may use the half-fold or tri-fold design.

Your target audience will be general medical staff, general public, cell culture lab personnel....

Be sure to include a title for the brochure, graphics/pictures, headings and subheadings

Don't forget to list contacts (organization help lines, e-mail addresses, ULRs, etc.) where readers can access more information and help.

The finished copy will be uploaded to D2L in the Assignments folder for the Research Project.

2. The informational write-up will provide you with an opportunity to go into more details on your chosen topic. This will be a separate, typed Microsoft Word document from the brochure.

The following are guidelines for the informational write-up:

The information should be in complete sentences. A minimum of 2 pages of text in the body of the paper (not including Literature Cited page); 12 font; double-spaced.

Written in scientific format (APA formatting is preferred). This includes using citations in the body of the paper. All information is to be paraphrased, and proper credit should be given to the original author(s). Use no more than 2 quotes.

No less than 5 references, to be cited on the Literature Cited page at the end. You may use your textbook as one of the references. All of the required references must be current (within

the last 5 years). Please do not use Wikipedia or any similar website. Additional references (other than the 5 current scientific) can be from any timeframe. Make sure to use reputable sources. The Literature Cited page should be a separate page.

Each student is expected to complete their own work. There should be no copying or paraphrasing of referenced material without proper citation. If a direct quote is used, it should either be placed in quotes or indented. Either method is acceptable but both need to be followed immediately with a citation. This paper should be written in your own words, based on your own research of the topic. Improper citation or plagiarism of other's work will result in a deduction of points or a grade of 0 (See syllabus for Academic Integrity).

You are to have an **Introduction**, a **Discussion**, and a **Conclusion**. Please use these as titles for each section.

In the Introduction, include a brief summary of the chosen topic and highlight areas you will introduce in the Discussion.

In the Discussion, please provide more specific details than in your brochure on the metabolic and physiological effects of the condition and treatment options starting at the cellular level and ending with the organismal level. Also, be sure to discuss any physiological ramifications (i.e. side effects) of the treatment at the point of action.

In the Conclusion, you will want to provide a brief review of any developing research, tests, or treatments for the condition to wrap up the informational write-up.

You will upload a copy of the paper and brochure to the Assignments folder in D2L under the Research Paper and Brochure folder. Emailed copies will not be accepted. The uploaded files need to be either Word documents (saved as .doc or .docx files) or PDF files. Photos of work need to be uploaded with appropriate file endings. Anything other than that may be difficult to open; failure of documents to be opened may result in a reduced grade.

Assessments

You will be assessed on:

- The effectiveness of your research in gathering information on your topic.
- The appeal of your brochure.
- The pertinence of the information/resources within your brochure and informational write-up.