

Brain & Behavior

Term Paper Instructions:

This term paper has two parts. Part I is worth 60% and Part II is worth 40%. This paper is worth 35% of your final grade.

Imagine that your elderly neighbor has recently suffered a stroke. Luckily, he survived and is back home and you still get to hang out with him! You have since noticed changes in your neighbour's behaviour. Some changes you have noticed are: 1) Your neighbor complains that he can't feel his right arm. 2) Your neighbour used to start his lawnmower easily, but now his movements are uncoordinated and awkward, and he struggles starting the lawn mower without your help. 3) After you help him start the mower, he bizarrely now mows only the same half of his lawn each time and ignores the other half. 4) To your frustration, your neighbor now doesn't understand you when you speak to him, although you understand him when he speaks. Yet, if you write down what you mean, he understands your written notes.

Part 1 (60% of term paper grade – about 2 pages double spaced):

Discuss what you have learned about stroke based on course material only.

(Full answers should come from more than one course unit. Consult multiple course units to answer the questions for this paper for best marks.)

Include the following information in the paper:

- How does a stroke happen (i.e. what is the cause of a stroke)?
- What general parts of the brain are mostly affected by stroke and why?
- Explain the first symptom of your neighbour's stroke
- Explain the second symptom of your neighbour's stroke
- Explain the third symptom of your neighbour's stroke
- Explain the fourth symptom of your neighbour's stroke
- What advice would you have for your neighbour's wife

Part 2 (40% of term paper grade – about 1.5 pages double spaced):

In addition to the above, describe one novel research/scientific finding about stroke (e.g., anatomy, treatment, etc.) from a research paper published within the last 10 years from a primary scientific literature/peer-reviewed research article. DO NOT use a review paper, but use a primary research paper for this part of your term paper. If you aren't sure if the paper you picked is an appropriate one, ask your TA before writing this term paper.

For further explanation on what is considered a primary PSYC: Brain & Behavior research source, read the section on "Using PubMed and OWL Purdue" in the accompanying document called, **"How to write a scientific report"**

Include the following information for Part Two:

- What was the goal (question) of the study?
- How did the researchers answer this question?
- What were their conclusions?
- How does this study add to your understanding of your neighbor in Part I?

You will also need to submit a PDF copy of the research paper you used for this portion of the term paper along with your term paper.

Formatting

Format the paper based on the American Psychological Association (APA) style (see OWL Purdue). Here is a check list of the necessary components of the paper:

- Title page
- Main text (approximately 3-4 pages, 1500 words maximum)
- APA style reference list
- 1-inch margins with double line spacing
- APA formatting for page numbers, running head, in-text citation, etc.

Grading

The term paper is due at 11:59 pm on **March 12th**. It will be graded based on the content (70 pts), APA style (20 pts), and grammar and spelling (10 pts), for a total of 100 pts. There will be a 10% deduction for each day the paper is late. **This term paper is worth 35% of the final grade.**

Note: Please upload your assignment with enough time, about 15-20min, for dealing with Internet or technical issues. Any assignments submitted after 11:59pm will be counted as late.

USE YOUR OWN WORDS! – We have software that will compare your uploaded paper to all others, to websites on the topic, and to the scientific literature. This also means you cannot simply copy and paste my lecture notes into your paper. Use your own words!

If your paper is found to contain sentences belonging to another (i.e. plagiarism), it will be forwarded to the Dean for a charge of Academic Misconduct.

Academic Code of Conduct:

Please read Concordia's Code of Conduct. There will be zero tolerance for plagiarism. All papers will be compared to each other, online sources including Wikipedia, and scientific sources for overlap of content. If sentences are the same between your paper and other sources, you will be referred to the Dean with a charge of academic misconduct.

USE YOUR OWN WORDS!

In summary:

Your term paper has two parts. You need to answer the questions about the stroke asked in Part 1. You also need to find, and then describe, a published research study on stroke in Part 2. Your submitted term paper must also follow APA guidelines for writing scientific papers. You must submit your term paper (as a Word doc) and submit the scientific research paper (as a PDF) to the eConcordia website before the deadline.