

MODULE 5 ASSIGNMENT: RESEARCH AND REPORT

OVERVIEW

In this final assignment for this module, take into consideration the integrative function of the nervous system. The nervous system works as a whole in combination with the rest of the body. Your challenge is to use what you have explored in this module to clearly explain the peripheral and autonomic nervous systems. In addition to understanding the structures and functions, you have to tell us how an imbalance between the systems can create problems or failures in the body.

You should spend approximately 3.5 hours on this assignment.

INSTRUCTIONS

1. Prepare a written paper to Dr. Jake Smith of at least 500 words that includes the following:
 - What is the relationship between the central and peripheral nervous systems and the sensory organs?
 - Trace the pathway (including diagrams and labels) between the brain and one of the main sensory organs in the head.
 - How does the autonomic nervous system help to maintain homeostasis in the body?
 - Can you provide an example of a disease that is a result of autonomic nervous system imbalances? Explain.
2. This is your final research and report. In addition to the 500-word report, include in your final research and report a reflection that discusses the following:
 - What is the most important takeaway you have from this course that will inform you as a future medical professional? Explain why.
 - What was one concept, topic, or system you found challenging to learn, and how did you overcome this challenge or how do you plan to address this challenge in future courses?
3. Your paper should be formatted as a proper research paper with an introduction and conclusion. Do not simply follow the bullet points above, but really think about what you have learned and how that relates to other material we have covered, and knowledge you have from other courses you may have taken.
4. All references must be cited using APA Style format. Please refer to the [CCOnline APA Citation Toolkit](#).
5. Remember, you can use the library research guides posted for you in the *Grading and Evaluation* section of the *Syllabus* module.
6. Submit your paper to the **Module 5 Assignment: Research and Report assignment**

folder.

See the *Course Schedule* and *Course Rubrics* sections in the *Syllabus* module for due dates and grading information.