

PROJECT ASSIGNMENT: MY SYSTEM ANALYSIS FINAL PRESENTATION

OVERVIEW

As future medical professionals you have to really, truly *know* the anatomy and physiology of the organs. Some of you will become specialists in a particular system. Which system that we have covered in this course is most interesting to you: the integumentary, skeletal, muscular, or nervous system? You are going to become an expert on one of the organs in one of these systems. Then you will provide a presentation for this course that you could give to someone who does not know anything about the organ or the system. The presentation should be professional and demonstrate your expertise.

In Module 4 you will propose your system and organ. You should spend approximately 2 hours on planning your project. When your topic is approved, you may start your research.

In Module 5 you will conduct the research for your project and prepare the presentation. You should spend approximately 8 hours conducting your research and pulling your project together.

INSTRUCTIONS

PROJECT PROPOSAL (MODULE 4)

1. Choose the system that most interests you: integumentary, skeletal, muscular, or nervous system.
2. From this system, choose an organ on which you wish to become an expert. You will present on this system to a (hypothetical) student who is entering BIO 201 and does not know anything about the system.
3. Decide the format of your presentation (e.g., PowerPoint, Prezi, or a presentation software with which you are familiar).
4. Submit your project proposal to the **Module 4 Project Assignment: My System Analysis Project Planning assignment folder**.

PROJECT PRESENTATION (MODULE 5)

1. Create a presentation on your chosen organ that includes the following:
 - Name of the system
 - Name of the organ
 - Anatomical location: Use directional terms to describe the location such as *superior to*, *inferior to*, *anterior*, etc.

- Anatomical description: Include only the anatomical description; do not include any function or microscopic description.
- Types of cells and tissues present in the organ: Just include a microscopic description; do not include anything else.
- Functions of the organ: This is to describe the physiology. Do not discuss any anatomical description.
- Homeostasis: Discuss how the organ you have chosen responds to maintain homeostasis in the body.
- Prediction: Predict the types of problems that would occur in this organ if it could not maintain homeostasis.
- Disease: Mention a specific disease that affects the organ, and describe the anatomical and functional changes that occur in that organ.
- There is no research paper to do as part of your final presentation (you will still have your Module 5 Research and Report assignment due. At the end of the semester, you will submit your PowerPoint (or other presentation) along with descriptive content. The descriptive content could be an audio included in the PowerPoint, a video presentation in which you describe your slides, or a supplemental script or notes pages for each slide. The reasoning is that if you were doing a presentation to an audience, you wouldn't put all of your content in bullet points on the slide. The bullet points would highlight the important parts, and you would verbally elaborate in your presentation.
- References: Provide at least five references using APA Style. Please refer to the [CCOnline APA Citation Toolkit!](#)

2. Submit your project to the **Module 5 Project Assignment: My System Analysis Final Presentation assignment folder.**

PREPARING A PRESENTATION

Beginning your research

Getting started with your research can be the hardest part of a research project! The [Purdue OWL](#) has a great guide that can help you get started with your research. The CCOOnline Library has created a [research toolkit](#), which focuses on the research process and how to use the CCOOnline Library.

Preparing a research assignment

Do you need some assistance getting started with your research or with writing your research paper? Here are two great tools that may make the writing process a bit easier. CCOOnline Library has created a [writing guide that offers help with grammar and sentence structure, and offers tips for the writing process](#). The Purdue OWL has a [research paper guide](#), with a writing guide that focuses specifically on research assignments.

APA Style Guide

The Purdue OWL has an excellent [guide to using APA Style](#), including how to include in-text citations and how to format your paper and references.

References

Need assistance writing your references? Check out this [citation generator](#). Make sure to double check your work against the APA Style guide!

Plagiarism

Research assignments require you to use many different sources and incorporate ideas or specific information from those sources into your writing. Be sure you cite your sources, or you may be plagiarizing! Need a refresher on plagiarism? Try this [tutorial on plagiarism](#) from University of North Carolina at Chapel Hill.

Presentation formatting tips

- Each slide should have a title (example: "Anatomical location of...")
- Provide no fewer than 15 slides in your presentation, not including the reference page(s) in the page count.
- Your presentation should include enough detail that someone who is viewing the presentation could learn the system.
 - Use bullets to highlight the main points in your presentation slides. Keep in mind that this is a visual presentation that should be legible to the audience. Thus, use the proper font size, and do not overcrowd your slides with too many sentences.
 - Where do I put the details? If you are using PowerPoint, you can create an audio presentation or add content details in the *Notes* section ([PowerPoint Audio Voice Over instructions](#)). If you do not use PowerPoint, you can add details using video or an additional notes page. Explore [Microsoft Office](#) for information related to creating notes page.