

Psych 102 - Physiological Psychology

Research Paper

4 pages, double spaced, 12 point font, APA-style in-text citations and APA-style Reference Page (Reference page does not count towards your 4 pages)

I. Choose A Topic: Choose a topic that is covered in your textbook or one that relates to the class (Nervous System). This is your opportunity to study the topic in depth (e.g. What is consciousness and where is it located in the brain?), or some facet related to the topic (e.g. What is consciousness and where is it located in the brain as well as, Do non-human animals have consciousness? How does non-human animal consciousness differ from human consciousness?).

Here are some general and specific topics to consider. Feel free to use this as a foundation to explore what you are curious about learning as it relates to the brain:

- **Consciousness – What is it and where is it located in the brain?**
- **Drugs, Addiction and Reward**
- **Motivation and Regulation of Internal States**
- **Biology of Sex and Gender**
- **The Senses - Hearing, Vision, Smell, Taste, Touch.**
- **Body Senses and Movement**
- **Learning and Memory**
- **Emotion**
- **Intelligence and Cognitive Functioning**
- **Psychological Disorders, Treatments and the Brain**
- **Sleep**
- **Biology and Free Will**
- **Meditation and its effects on the brain**
- **Long term potentiation, Hebbian principle and learning**
- **Nature and Nurture (The Role of Genetics and Environment)**
- **Cognitive Effects of Drugs**
- **Cognitive Disorders and Their Treatments**
- **Novel Treatments and Therapies (e.g. treatments for paralysis or lost limbs)**
- **Alien Hand Syndrome**
- **Phantom Limb Syndrome**

II. Read at least six different sources for your research paper. Do your best to use academic journals for your research. You can also use your textbook as a reference or sources referenced in your textbook. Other sources are permitted but should be used sparingly.

III. Write your research paper using the following guidelines:

- **Describe your purpose for writing the paper** – e.g. The purpose for writing this paper is to explore human consciousness and where it is located in the brain. In addition, I hope to describe the different levels of consciousness and how consciousness differs between human and animals.
- **Describe what you found** – e.g. Human consciousness is defined as.... Human consciousness is located in.....

- **Describe related or future areas of research** – e.g. Consciousness and Meditation. Consciousness and Drugs. Future areas of research into consciousness include...

Helpful website for APA-style in-text citations and APA-style Reference Page:

https://owl.purdue.edu/owl/research_and_citation/apa_style/apa_formatting_and_style_guide/general_format.html