

SUPPLEMENTARY MATERIAL 2

Deep Dive Instructions

Purpose

The goal of this part of the course is to extrapolate content from the course into a selected topic of interest. If you are taking this course alongside another class that has Deep Dives (Molecular Neuroscience with Dr. Branco or Cognitive Neuroscience with Dr. Chan), this is also an opportunity to see how a given topic can be studied from different disciplines within the larger umbrella of neuroscience!

- *Knowledge*. You will gain knowledge on:
 - Background information and theory on a topic that interests you
 - Application of concepts from course content into various research settings
 - How a given topic can be studied from a variety of perspectives in cognitive neuroscience
- *Skills*. You will also practice the following skills:
 - Using search engines to find relevant research
 - Skimming journal articles to find information
 - Connecting course content to a previously undiscussed topic
 - Designing experiments to test hypotheses

Task

1. Read the prompt carefully and identify relevant information from class and available class readings.
2. Search on the internet or from library resources for information on your selected Deep Dive topic related to the prompt. This can be from a variety of sources.
3. Identify at least one peer-reviewed empirical journal article that is relevant to answering the prompt. This can be:
 - a. An article that you are basing your predicted findings on
 - b. An article that found results for what the prompt is asking
 - c. An article with a methodology that you are adapting for your prompt
4. Write a 300-400 word response to the prompt that cites any and all relevant research that you have found on the topic, including at least one article from step 3.
5. If a prompt asks for an image or graph as part of the response, be sure that the response includes that as well.
6. Submit the response on Canvas as an **anonymized** document with this naming format: DD[number]_[TopicGroup]. Please submit in .docx or .pdf format.

Grading criteria

Deep Dives are evaluated on a 0%, 50%, or 100% scale, indicative of no effort, partial effort, or full effort.

Full Effort: The prompt is answered with all parts present, at an appropriate length and with the requisite sources cited.

Partial Effort: The prompt is answered, but one or more parts is missing, the prompt is too short, or a requisite source is missing.

No effort: No submission was given, or the submission shows no attempt at answering the prompt.