

Som Tawisook

Professor Scott Templin

PSYCH360: Behavioral Neuroscience

February 18, 2016

Synthesis paper INSTRUCTIONS:

Worth 20% of your grade as a 5 page essay; this will be an effort by the student to demonstrate a synthesis of knowledge. Students will accomplish this by choosing a journal article. The article must report a set of behavioral neuroscience experiments.

Using knowledge gained from the course you will briefly summarize the article (intro, methods, results) and then, more importantly, provide your interpretation of the results presented in the article. To fully demonstrate your synthesis of knowledge, the final section of the paper will require you to relate these findings & interpretations with an external topic relevant to the class.

A few examples of “external topics”: personal health (sleep, diet, exercise) or medical technology (pacemakers for the brain). This should take the form of a commentary where you make a few observations or raise questions, while citing scientific knowledge (the article you found for starters) to buttress your points.

An example: A research article on gene editing that is summarized and its importance explained by way of describing cutting edge medical treatments gene editing could enable. This would be followed by a brief discussion of ethical considerations (ie the raising questions part) with for example, editing human embryonic DNA.

The critique should be 5 typed, double-spaced pages in length.

(DEADLINE: March 25, 2016)