Central Nervous Papers – Brain Region and function papers

You will research and write an APA cited paper describing a brain region, or a hormones effect on the brain or brain region. Your research should be focused on, but not limited to their functions, their form and location, and their pathologies. Your grade will be based on content, grammar and style. We will spend two and a half days maximum in class on this paper.

You will be expected to become an expert on your region of the brain or hormone.

Possible questions to answer in this paper:

What is the function of this brain region/function?

How do researchers know this is the function?

Where is this region located?

When and where is this hormone released?

What symptoms would a patient show who had a deficiency in this region?

What symptoms would a patient show who had an irregularity in this hormone concentration?

What affect may drugs have on this region / hormone?

How does this region / hormone affect behavior?

How is this region typically different in males and females?

How does this hormone act differently in men and women?

What research has been done on this region / hormone?

What neurotransmitters and / or hormones are typically present in this region?

How and/or when does this region develop?

How does this brain region change through life?

How does this hormone’s concentration / release change through life?

How is its structure related to its function?

List of Brain Regions

1. Prefrontal Cortex
2. Corpus callosum
3. Medial Preoptic Area
4. Temporal Parietal Junction
5. Dorsal Premammillary Nucleus
6. Anterior Cingulate Cortex
7. Insula
8. Hypothalamus
9. Amygdala
10. Hippocampus
11. Rostral Cingulate Zone
12. Ventral Tegmental Area
13. Mirror Neuron System

List of Hormones

1. Oxytocin
2. Prolactin
3. Cortisol
4. Dopamine
5. Estrogen
6. DHEA
7. Vasopressin
8. Cortisol
9. Endorphins
10. Allopregnanolone
11. Testosterone
12. Müllerian Inhibiting Substance