Names and Terms to Know From Unit 4:

Biological Basis of Behavior

**Names**

* Roger Sperry (1913-1994)
* Phineas Gage (1823-1860)
* Paul Broca (1824-1880)
* Carl Wernicke (1848-1905)
* Franz Gall (1758-1828)
* Oliver Sacks (1933-2015)

**Terms**

* Neuroanatomy
* Neuron
* Dendrites
* Cell Body (aka the Soma)
* Axon
* Myelin Sheath
* Terminal Buttons (aka End Buttons, Axon Terminal, Terminal Branches of Axon, and Synaptic Knobs)
* Neurotransmitters
* Synapse
* Receptor Sites
* Threshold
* Action Potential
* All-or-None Principle
* Neural Firing
* Excitatory Neurotransmitters
* Inhibitory Neurotransmitters
* Acetylcholine
* Dopamine
* Endorphins
* Serotonin
* Afferent Neurons (aka Sensory Neurons)
* Efferent Neurons (aka Motor Neurons)
* Central Nervous System
* Spinal Cord
* Peripheral Nervous System
* Somatic Nervous System
* Autonomic Nervous System
* Sympathetic Nervous System
* Parasympathetic Nervous System
* (Cerebral) Accidents
* Lesions
* Electroencephalogram (EEG)
* Computerized Axial Tomography (CAT or CT Scan)
* Magnetic Resonance Imaging (MRI Scan)
* Positron Emission Tomography (PET Scan)
* Functional MRI (fMRI)
* Hindbrain
* Medulla
* Pons
* Cerebellum
* Midbrain
* Reticular Formation
* Forebrain
* Thalamus
* Hypothalamus
* Amygdala
* Hippocampus
* Limbic System
* Cerebral Cortex
* (Brain) Hemispheres
* Left Hemisphere
* Right Hemisphere
* Brain Lateralization (or Hemispheric Specialization)
* Corpus Callosum
* Lobes
* Association Area
* Frontal Lobes
* Broca’s Area
* Wernicke’s Area
* Motor Cortex
* Parietal Lobes
* Sensory Cortex
* Occipital Lobes
* Temporal Lobes
* Brain Plasticity
* Endocrine System