Bio 12 Nervous System Learning Goals

* Understand the organization and divisions of the Nervous System, the interface between CNS and PNS and their roles in regulation of homeostasis. Structural and functional characteristics of the Sympathetic vs parasympathetic nervous system
* Name and describe neuronal structure including myelinated and unmyelinated neurons.
* Name and describe 3 main types of neurons, and how they interconnect
* Explain the difference between Resting and Action Potential and how each are either maintained or propagated.
* Describe synaptic transmission
* Know how a reflex works
* Name parts of the brain and their functions. External brain, lobes, sensory and motor areas; function of cerebellum. Internal brain: functions of structures, especially reticular formation