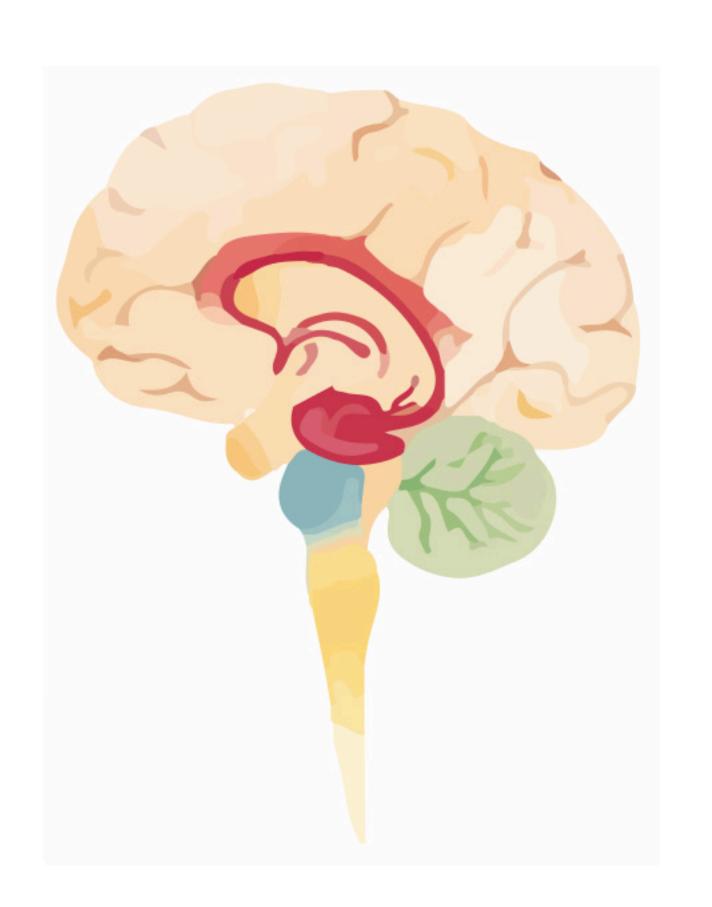
# Major Divisions of the NS



Know the major divisions of the nervous system

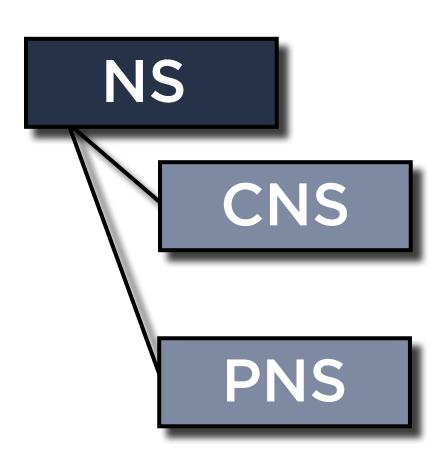
#### Lecture Learning Objectives

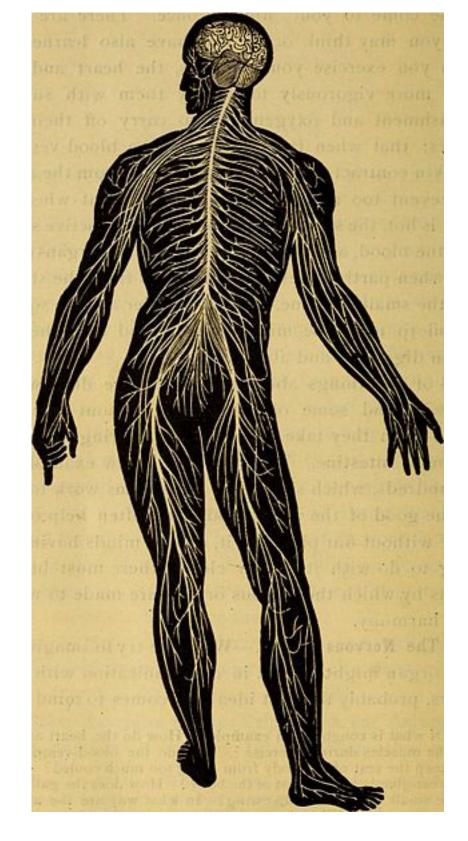
The vertebrate nervous system (NS) is composed of two

divisions:

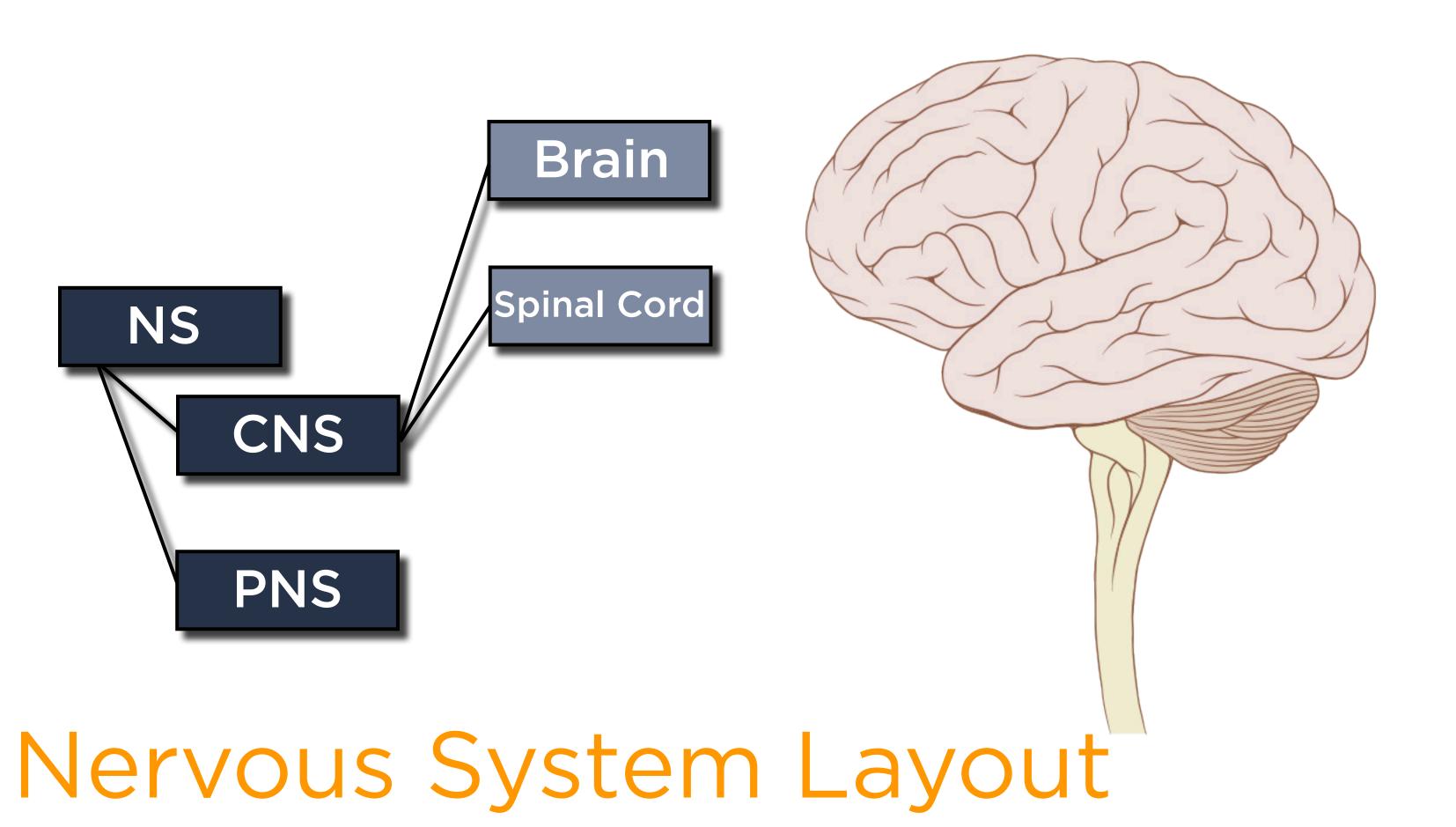
1. Central Nervous System (CNS).

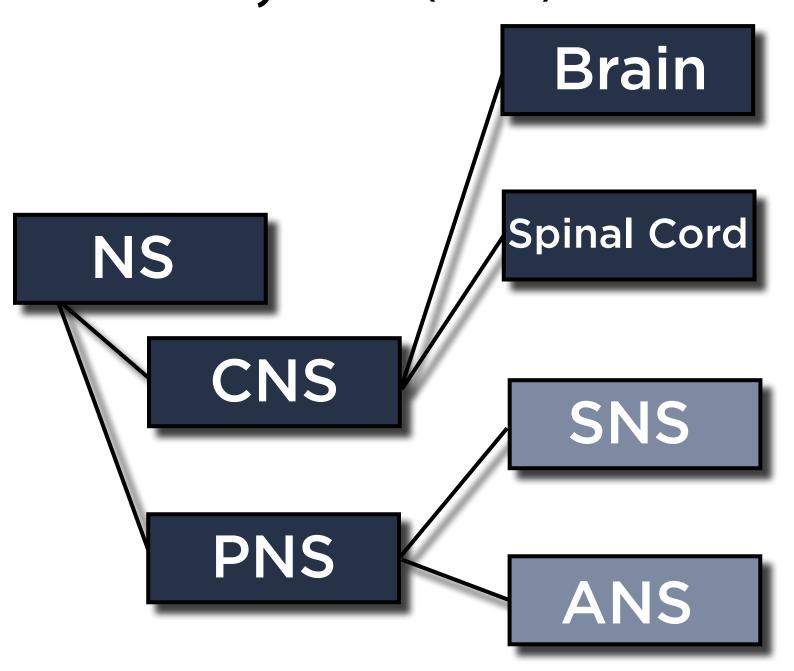
2. Peripheral Nervous System (PNS).

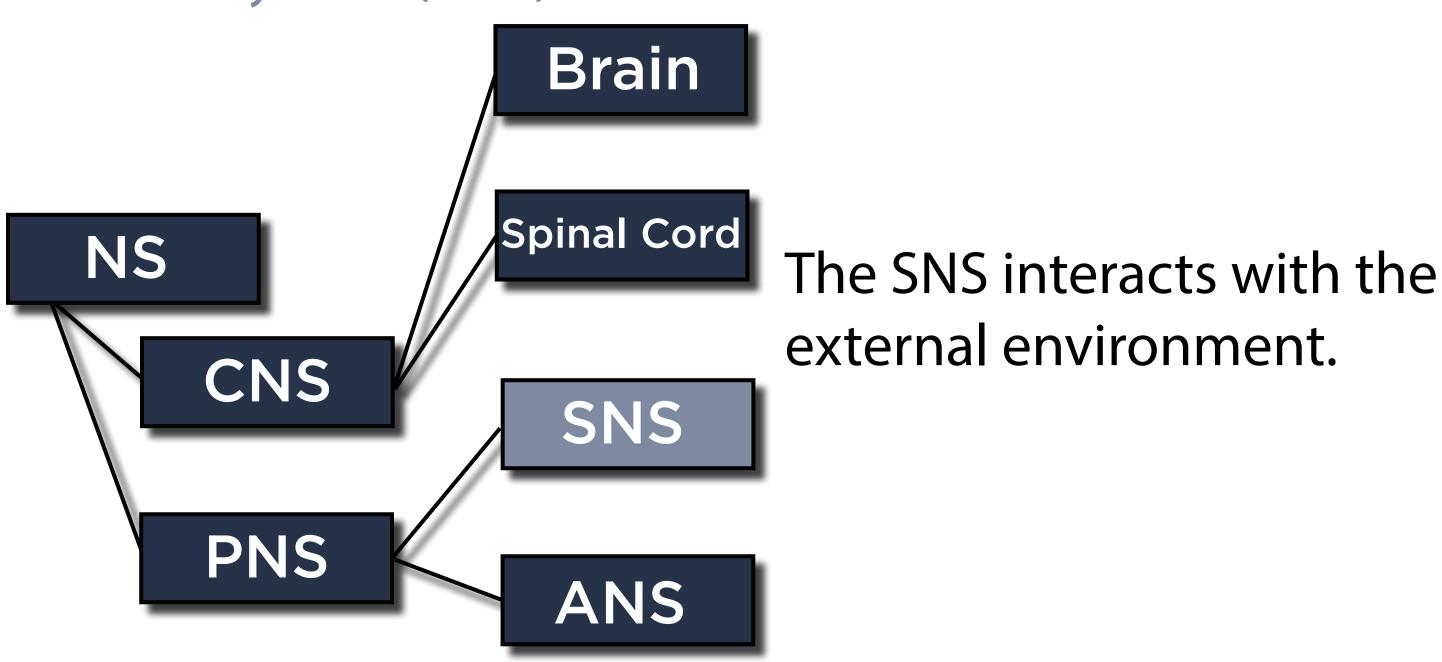


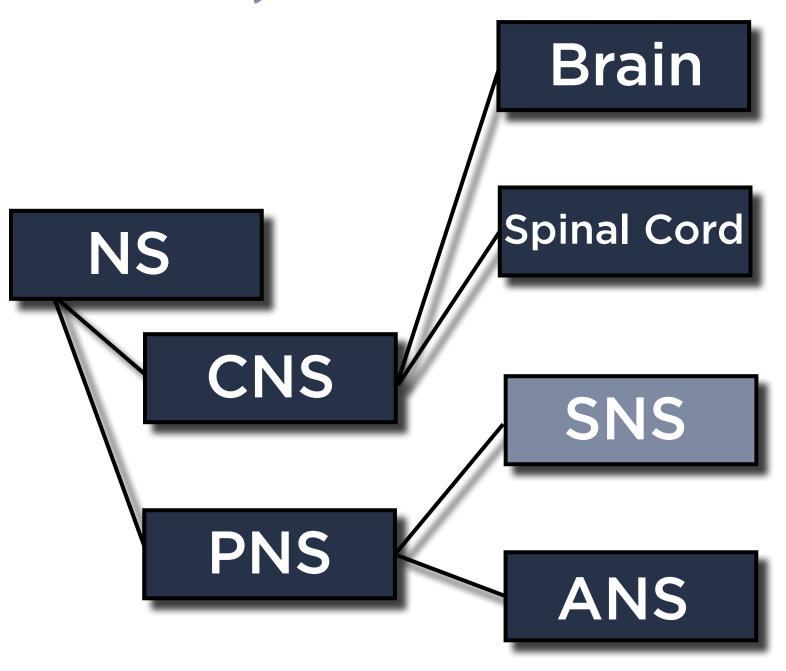


The CNS is composed of two divisions: Brain and Spinal Cord.



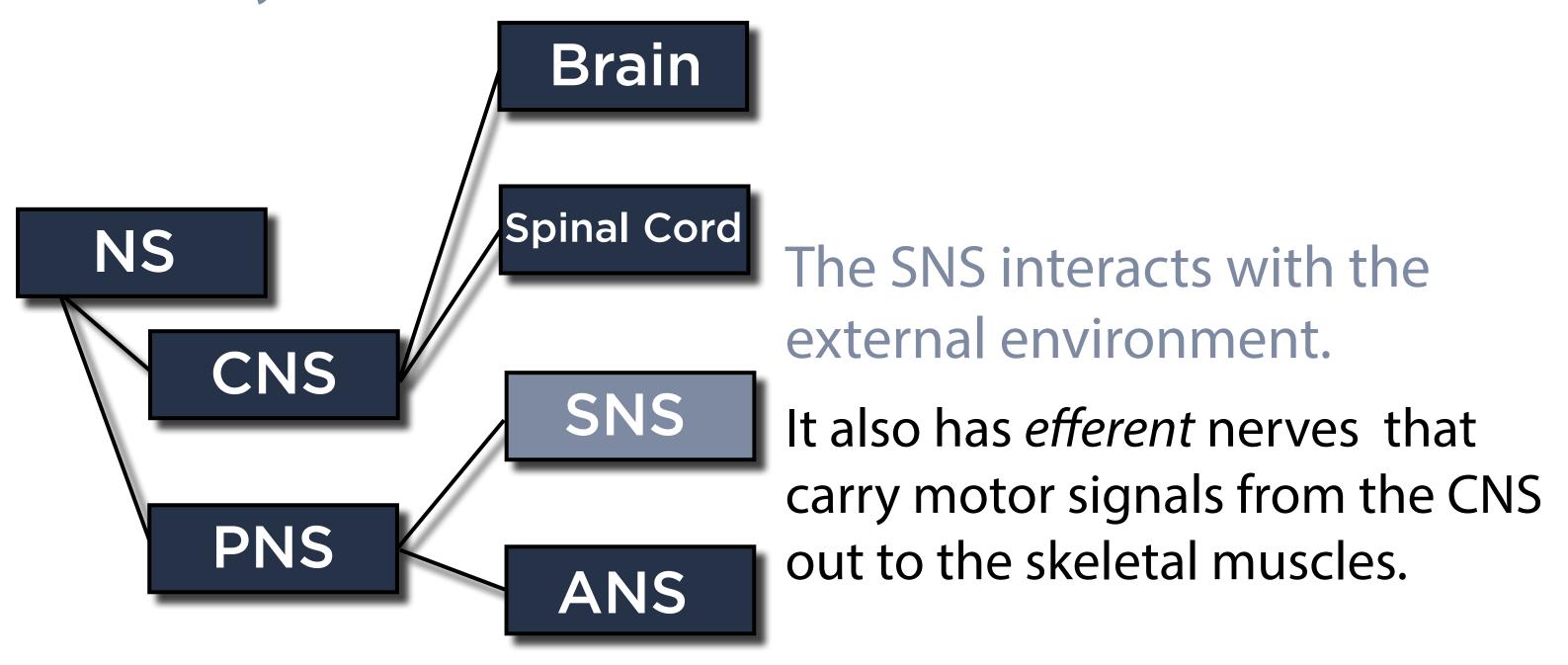


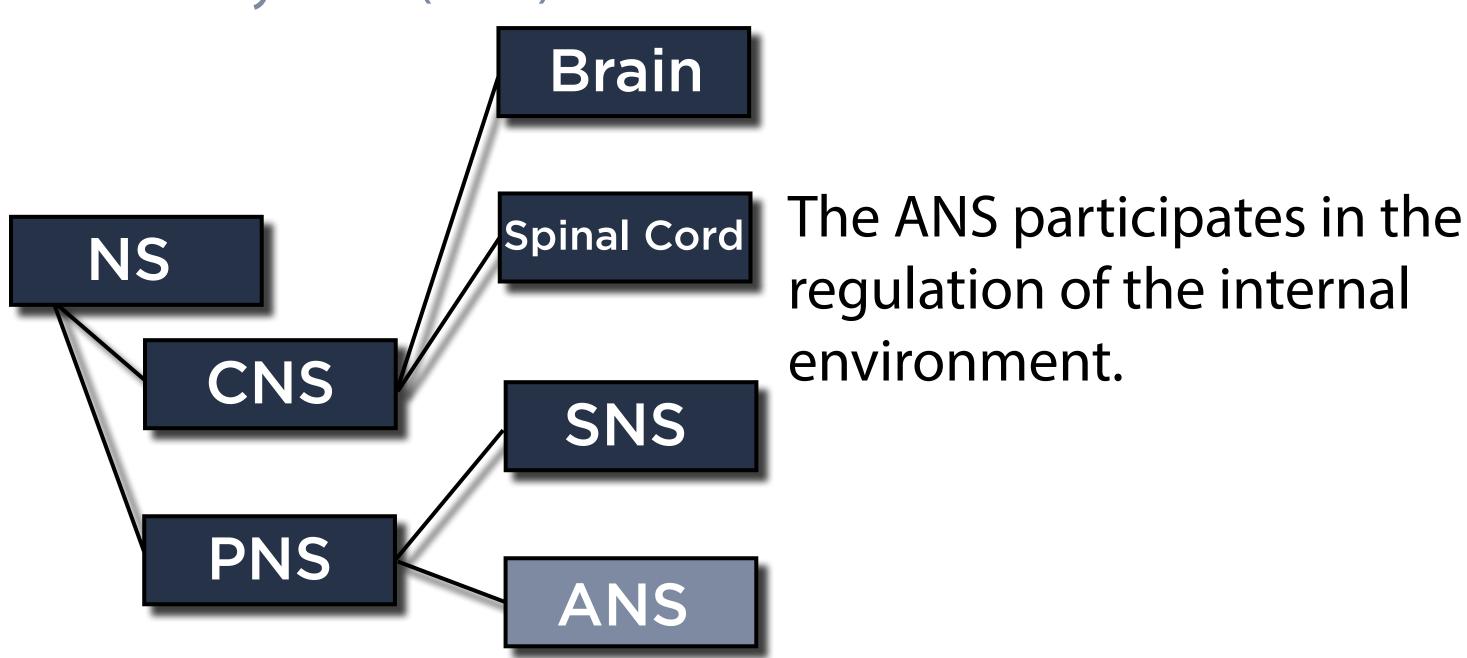


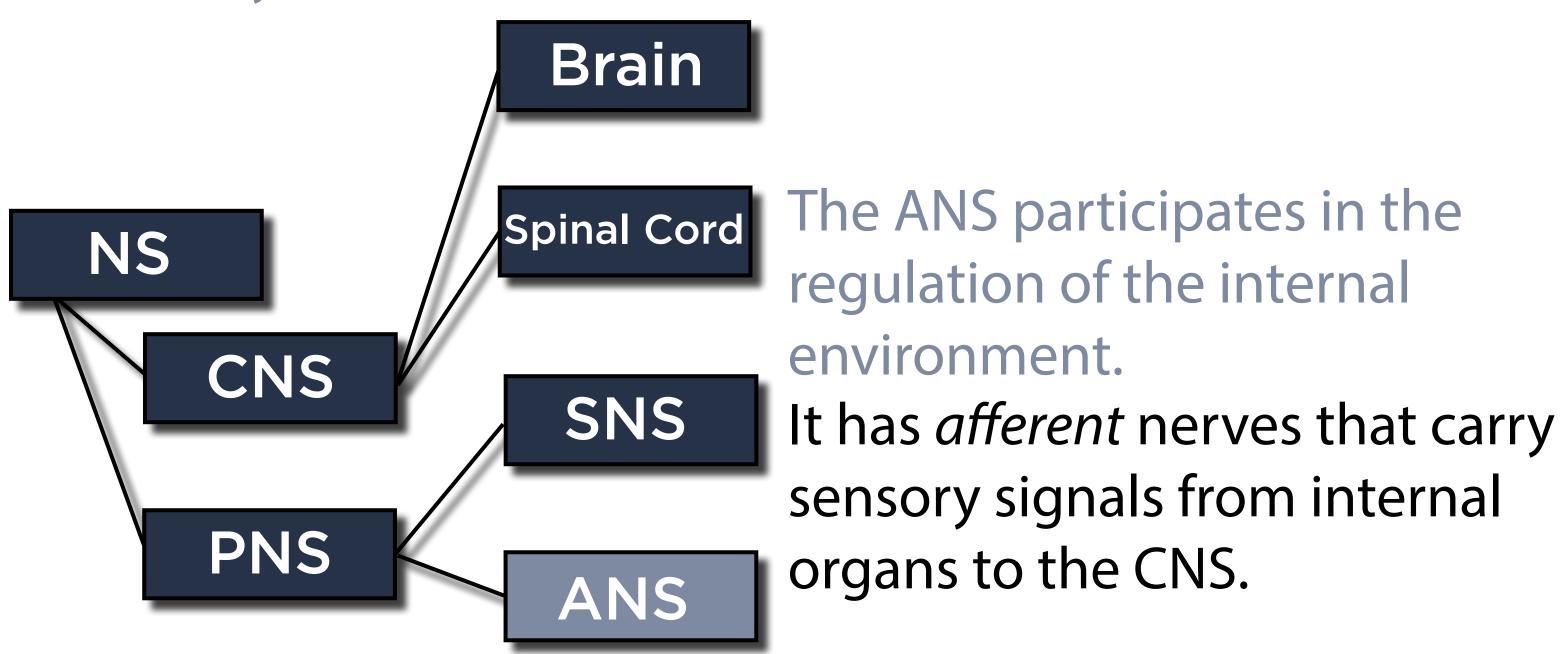


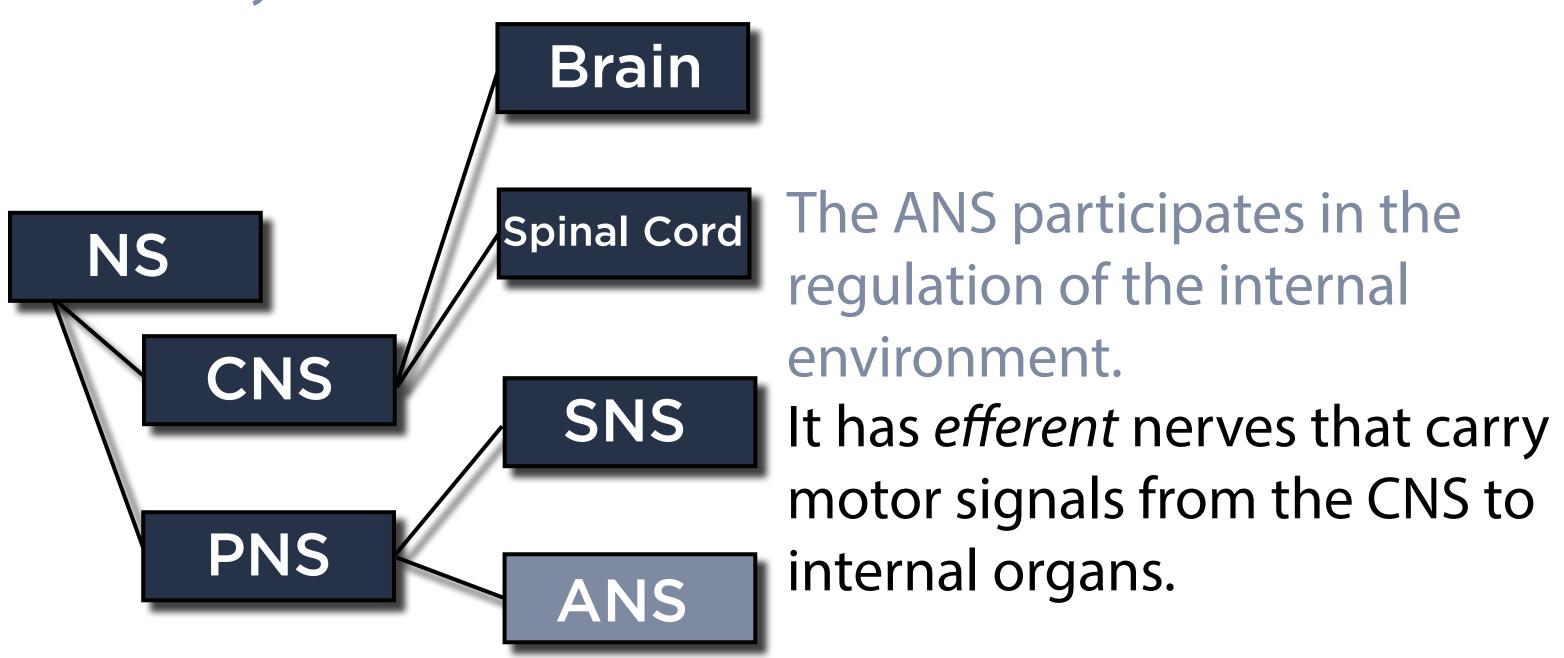
The SNS interacts with the external environment.

It has *afferent* nerves that carry sensory signals in from the skin, skeletal muscles, joints, eyes, ears, etc., into the CNS.

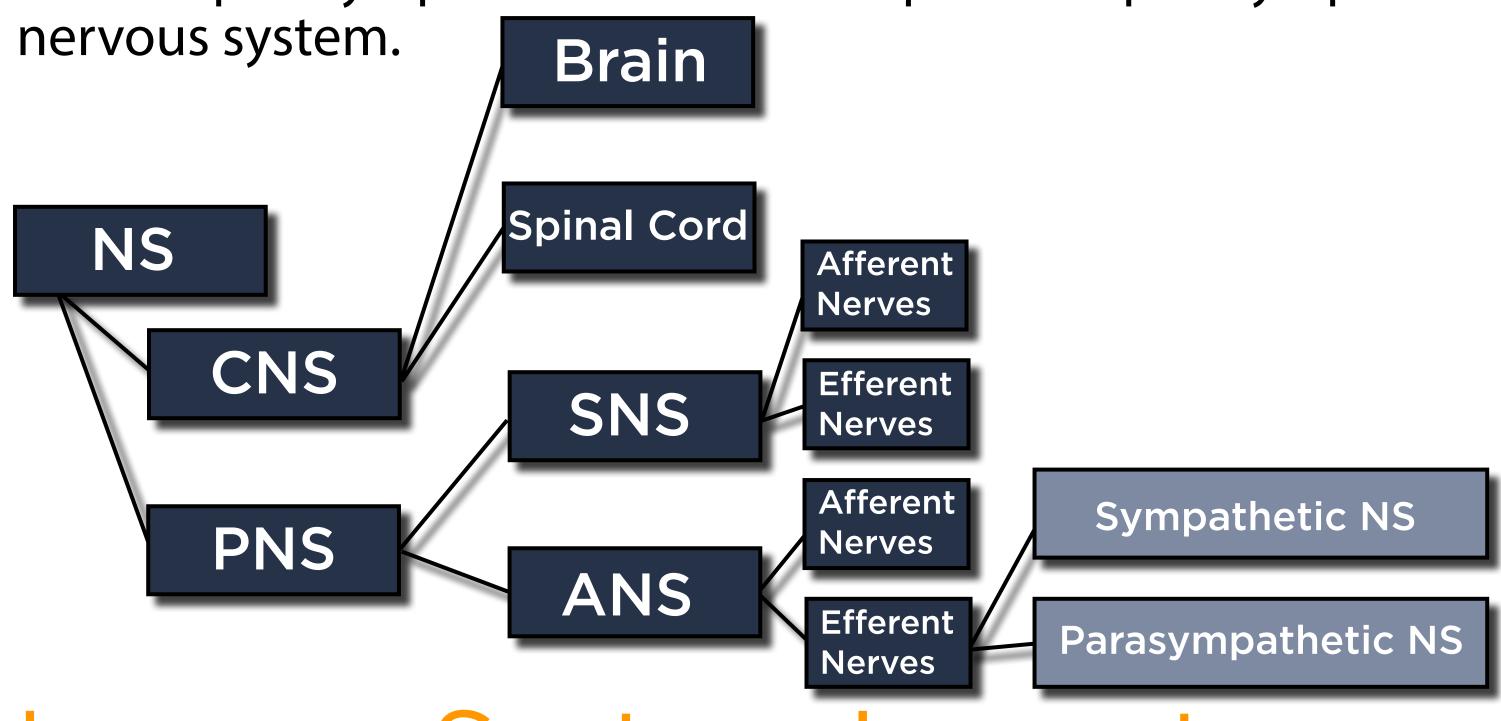




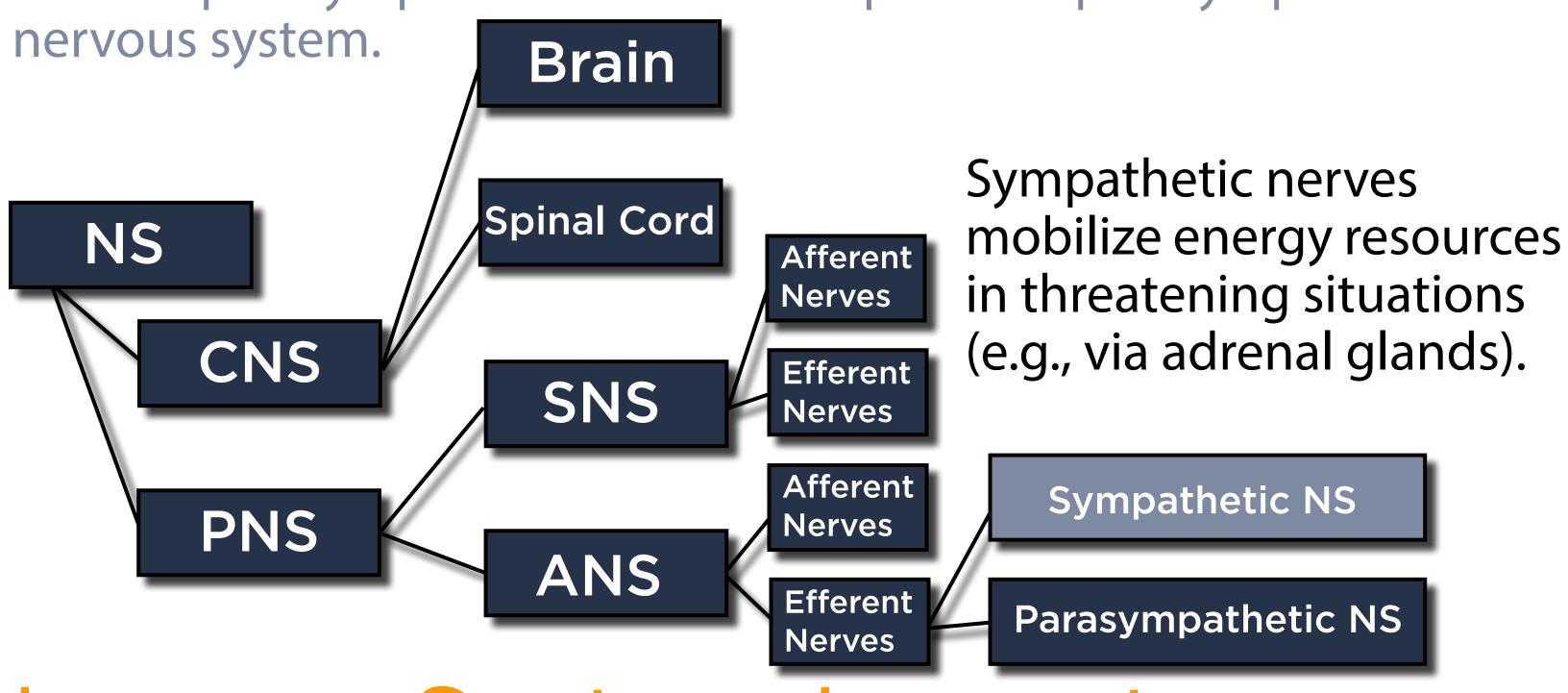




The efferent nerves of the autonomic nervous system (ANS) are of two types: sympathetic nerves and parasympathetic nerves. The sympathetic nerves comprise the sympathetic nervous system and the parasympathetic nerves comprise the parasympathetic



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