

Central Nervous System and the Endocrine System

Chapter 3



Nervous System

- Sensory information comes into—and decisions to act come out of—the central nervous system (CNS)
 - Part of nervous system containing brain and spinal cord that controls the mind and behavior
- The nerves that extend outside of the CNS are part of the peripheral nervous system
 - Further divided into the somatic nervous system and the autonomic nervous system



Central Nervous System

- Known as the command center of the brain
- The brain and spinal cord are protected by *meninges*
- They are also protected by cerebral ventricles
 - Pockets in the brain and spinal cord that contain cerebrospinal fluid (CSF)
 - Provides the brain with cushion against injury

