

The Role of Biology in Psychology



How Does Your Nervous System Work?

- 2.1 Your Nervous System is the Basis of Your Mental Activity and Behavior
- 2.2 Neurons Communicate With Each Other in Your Nervous System
- 2.3 Neurotransmitters Influence Your Mental Activity and Behavior

How Do the Parts of Your Brain Function?

- 2.4 Our Understanding of How the Brain Works Has Improved Over Time
- 2.5 The Hindbrain and Midbrain Handle Basic Programs for Your Survival
- 2.6 Forebrain Subcortical Structures Control Your Motivations and Emotions
- 2.7 The Cerebral Cortex of the Forebrain Processes Your Complex Mental Activity
- 2.8 The Hemispheres Work Together With Some Specialization
- 2.9 Using Psychology in Your Life: How Can You Succeed If You Have a Learning Disability?

How Does Your Brain Communicate with Your Body?

- 2.10 The Peripheral Nervous System Includes the Somatic and Autonomic Systems
- 2.11 The Endocrine System Affects Your Behavior Through Hormones

How Do Nature and Nurture Affect Your Brain?

- 2.12 Your Genes Affect Your Mental Activity and Behavior
- 2.13 Your Genes Interact With Your Environment to Influence You
- 2.14 Your Environment Changes Your Brain