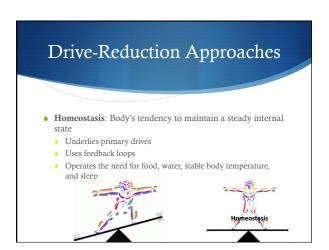


Instinct Approaches

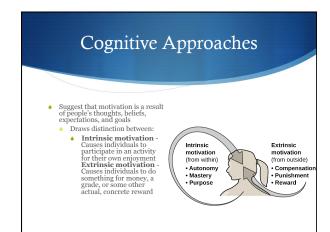
- Motivation: Factors that direct and energize the behavior of humans and other organisms
 - Includes behavioral, cognitive, and social aspects
- Instincts: Inborn patterns of behavior that are biologically determined rather than learned.
- Provides the energy that channels behavior in appropriate directions.

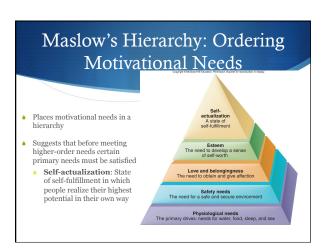
Suggests that a lack of some basic biological need produces a drive to push an organism to satisfy that need Drive: Motivational tension, or arousal, that energizes behavior to fulfill a need Primary drives — related to biological needs of the body or of the species as a whole Secondary drives — related to behavior that fulfills no obvious biological need.



Arousal Approaches Belief that we try to maintain certain levels of stimulation and activity If stimulation and activity levels become too high → seek to reduce People vary in the optimal level of arousal they seek out Daredevil sportsmen, high-stakes gamblers, and criminals Yerkes-Dodson Curve - Optimal Arousal











Human Needs and Motivation: Eat, Drink, and Be Daring

- What biological and social factors underlie hunger?
- How are needs relating to achievement, affiliation, and power motivation exhibited?

Motivation Behind Hunger and Eating

- Obesity: Body weight is more than 20% above the average weight for a person of a certain height
 - Body mass index (BMI) Based on a ratio of weight to height



Biological Factors in Regulation of Hunger

- Changes in the chemical composition of the blood
 - → Glucose levels
 - Insulin
 - ♦ Ghrelin

Biological Factors in Regulation of Hunger

- ♦ Hypothalamus
 - Monitors glucose levels
 - Regulates food intake
 - Injury affects the weight set point
 - Weight set point: Particular level of weight that the body strives to maintain
- Metabolism: Rate at which food is converted to energy and expended by the body

Social Factors in Eating Societal rules Cultural influences Individual habits Operant conditioning

Roots of Obesity Oversensitivity to external eating cues Insensitivity to internal hunger cues Higher weight set points Higher level of the hormone leptin

- Fat cells in the body
 Rate of weight gain during the first four months of life is related to being overweight during later childhood
- ♦ Settling points

Eating Disorders

- Anorexia nervosa: Refusal to eat while denying that their behavior and appearance are unusual
- ▲ Bulimia
 - Binging on large quantities of food, followed by efforts to purge the food through vomiting or other means



Striving for Success

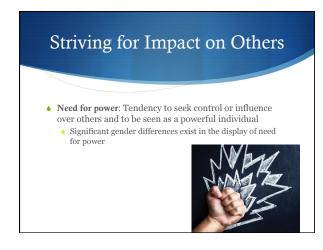
- Need for Achievement: Stable, learned characteristic in which a person obtains satisfaction by striving for and achieving challenging goals
 - People with <u>high need</u> for achievement are selective in picking challenges
 - ${\color{blue} \bullet}$ Avoid situations with success coming too easily or unlikely to come
 - People with <u>low achievement</u> motivation tend to be motivated primarily by a desire to avoid failure

Measuring Achievement Motivation Tells participants to write a story that describes what is happening Tells participants to write a story that describes what is happening Tells participants to determine the amount of achievement imagery in people's stories

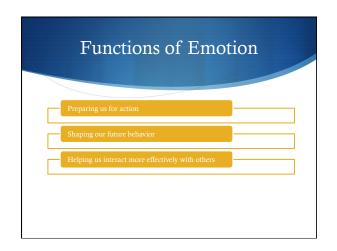
Striving for Friendship

- Need for affiliation: Interest in establishing and maintaining relationships with other people
 - Gender is a great determinant of how much time is spent with friends

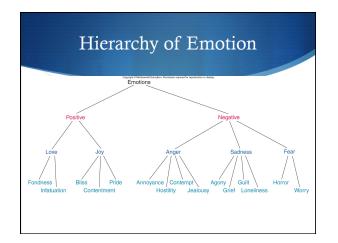




Understanding Emotional Experiences • Emotions: Feelings that generally have both physiological and cognitive elements • Influence behavior | Compared to the content of the content of





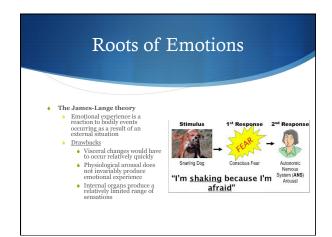


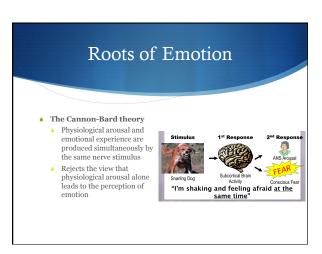
Do People in All Cultures Express Emotion Similarly?

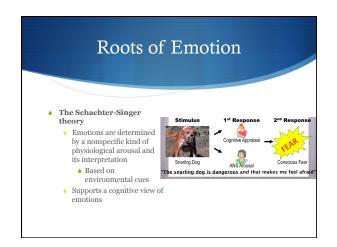
- Facial-affect program
 - Activation of a set of nerve impulses that make the face display the appropriate expression
- Facial-feedback hypothesis
 - Hypothesis that facial expressions not only reflect emotional experience but also help determine how people experience and label emotions

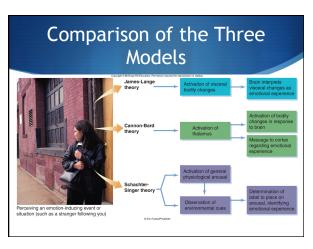


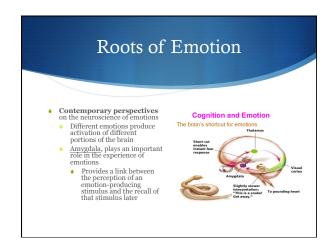


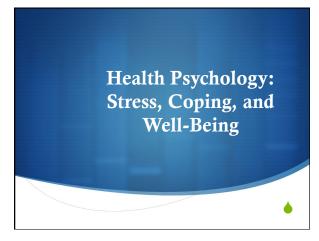


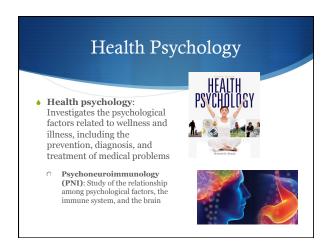




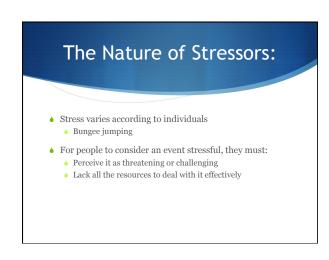














Categorizing Stressors

- Posttraumatic stress disorder (PTSD): Victims of major catastrophes or strong personal stressors feel long-lasting effects
 - Include re-experiencing the event in vivid flashbacks or dreams
 - Faced by victims of personal stress
- Background stressors
 - Everyday annoyances that cause minor
 - Have long-term ill effects if they contin
 by other stressful events

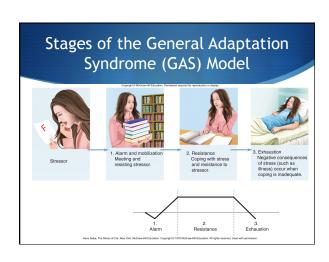


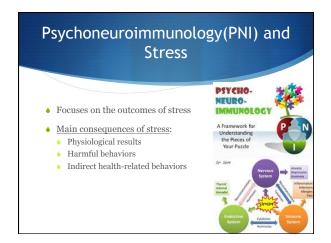
The High Cost of Stress

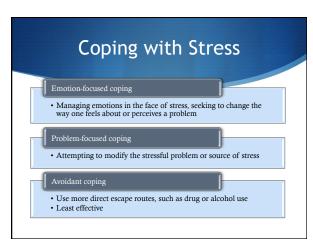
- Both biological and psychological consequences
- Psychophysiological disorders: Medical problems influenced by an interaction of psychological, emotional, and physical difficulties
- Stress affects us in multiple ways
 - Increases the risk of illness
 - ${\color{blue} \bullet}$ Slows down the recovery from diseases
 - Reduces ability to cope with stress in future

The General Adaptation Syndrome Model: The Course of Stress

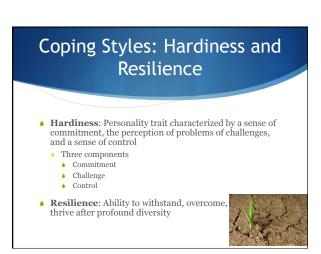
- ♦ Theory developed by Selye
- Physiological response to stress follows the same set pattern regardless of the cause of stress
- Consists of three phases
 - Alarm and mobilization
 - Resistance
 - Exhaustion





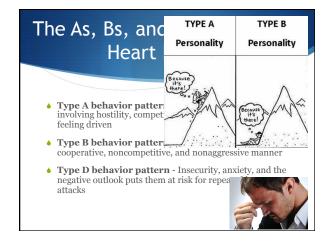






Psychological Aspects of Illness and Well-Being

• How do psychological factors affect health-related problems such as coronary heart disease and cancer?



Psychological Aspects of Cancer

- Emotional responses of cancer patients to their disease affects its course
- Psychological therapies have the potential for improving quality of life and even extending the lives of cancer patients
- Holistic Psychotherapy

