





# Coping Problem-focused (address stressor) Emotion-focused (seeks support from others) Exercise Biofeedback Meditation Spiritual connection Conflict Approach-approach Win-win situation Avoidance-avoidance Lose-lose situation Approach-avoidance One choice, pros and cons

**STRESS & HEALTH** 



# LEARNING

Onewant conditioning



Operant conditioning
Associative learning
- consequences of behavior
- operant behavior
Thorndike's Law of Effect
Skinner
* Operant chamber (Skinner Box)
* Shaping
- Successive approximations
* Discrimination
Reinforcement
Positive reinforcement—pleasurable
stimulus after a response (strengthens
the response)
Negative reinforcement—reduces or
removes a negative stimulus
(still strengthens the response)
* Primary reinforcers (water, food,
etc.) vs. secondary reinforcers
(money, etc.)
* Schedules of reinforcement
Continuous (rapid learning)
Partial (Intermittent)
* Fixed (5 visits to restaurant =
free meel)
* Variable (slot machine)
- Interval (certain period of time)
* Fixed (ex_each day @ 3 n m )
* Variable (ex. shooting stars)
Punishment
Positive punishment (add bad thing)
Negative punishment (take away good)
*Both create avoidance behaviors
(ex. lie-becomes neg. reinforced)



#### MEMORY



	DEVELOPMENT			
	SOCIAL	COGNITIVE	MORAL	
Prenatal				
Zygote Embryo (2-8 wks) Fetus (8+ wks) Teratogens Fetal alcohol syndrome Radiation (8-15th week, migration)	Lev Vygotsky (social-cognitive) Zone of proximal development Mentors Lorenz's study of imprinting Harlow's research on touch Stranger anxiety Ainsworth's attachment theory Strange situation paradigm	Schemas Assimilation Accommodation Sensorimotor stage (0-2) Object permanence (6 mos)	Kohlberg's theory Preconventional morality Avoiding punishment Conventional morality Accepting rules of society Postconventional morality Ethics, abstract morality	
Radiation: stops short FAS: too far	Secure attachment (60%) Insecure attachment	Egocentrism Animism	Carol Gilligan Men - Rules & ethics	
Reflexes Moro Rooting Babinski Palmar	Ambivalent Avoidant Baumrind's parenting styles Authoritarian Authoritative Permissive	Symbolic thought begins Concrete operational stage (8- 12) Conservation	Women - Relationships Jonathan Haidt Social intuitionist theory Gut-level reactions (limbic system)	
Maturation Cephalocaudal Proximodistal	Erikson's stages (psychsocial) Trust vs. mistrust (0-1) basic trust	Area Number Reversibility	METHODS OF	
Puberty Primary sex characteristics Secondary sex characteristics Frontal lobe development	Autonomy vs. shame & doubt (1-2) independence Initiative vs. guilt (3-5) initiation of tasks Competence vs. inferiority (6-12) accomplishment	Formal operational stage (12+) Hypothesis testing Abstract thinking Megacognition	STUDY Longitudinal research	
Old age Recall vs. recognition Decay of fluid intelligence Consistency of crystallized	Identity vs. role confusion (13-20s) sense of self Intimacy vs. isolation (20s to 40s) relationship	Self concept 18 mo.—rouge test	Cross-sectional research	
Intelligence Dementia Alzheimer's disease	(40s to 60s) contribution Integrity vs. despair	STAGES OF DEATH/	DYING (Kubler-Ross)	

# NEUROSCIENCE

#### Neural communication









### **STATES OF CONSCIOUSNESS**



#### MOTIVATION



Theories of motivation	
Instinct theory (evolutionary) - fixed patterns, unlearned Drive-reduction theory (Clark Hull) Object is homeostasis - Pulled by incentives (external) Arousal theory Yerkes-Dodson Law Easy task—high arousal Difficult task—moderate Maslow's hierarchy of needs Physiological at base, then safety, belonging & love, esteem, self-actualization, transcendence Need to belong Ostracism—activates anterior cin gulate cortex (also activates with pain)	1-
Achievement motivation	
Structured interviewer Illusion Structured interviews 360-degree feedback Grit (determination, breeds success) Theory X vs. Theory Y Task leadership vs. social leadership Great person theory Transformational leadership	



# **EMOTION**







# COGNITION



Theories of language development	
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Skinner—nurture	
Behaviorist explanation	
Follows usual learning pattern	
(Reinforcement/punishment)	
Chomsky—nature	
Language acquisition device (innate) Evidence:	
* Overregularization of language	
(or overgeneralization)	
Ex: "I goed to the store."	
* Common elements	
Surface structure (syntax)	
Deep structure (semantics)	
* Critical period	
Age 7 for language acquisition	
Cochlear implants	
Best results 2-4 year olds	
Language & Thinking	
	-
Whorf's linguistic determinism theory (or linguistic relativity theory) - language shapes thinking Evidence: bilingual advantage Thinking in images (process simulation Animal thinking * Concept formation	n)
* Theory of mind—similar to 2 yr. o * Language: honeybees, ape languag	ld e

# INTELLIGENCE



Convergent vs. divergent thinking

Keep a venture of personality

Stay intrinsically motivated

Live in creative environment

How to maximize:

Develop expertise





# **PSYCHOLOGICAL DISORDERS**



### **DISORDERS (CONTINUED)**



# **THERAPIES**



Often as effective as individual therapy

# SOCIAL PSYCHOLOGY



tal lobe activity, testosterone levels \* Frustration-aggression principle \* Modeling (observational learning) \* Social scripts (mental tapes on how to act) \* Catharsis hypothesis (builds more anger) - pursue self-interest, everyone loses \* Enemy perceptions - mirror-image perceptions Attraction and altruism Passionate love (two-factor theory) vs. companionate love (key is equity, self-\* Physical attractiveness key \* Proximity (mere exposure effect) \* diffusion of responsibility \* pluralistic ignorance \* Explained by social exchange theory \* Reciprocity norm \* Social responsibility norm Peacemaking, GRIT \*Superordinate goals