

# Developmental Psychology

## Prenatal Development & Infancy

<b>Conception</b>	Egg & sperm join: <b>zygote</b>
<b>Germinal stage</b> ~First 2 weeks	Zygote travels fallopian tube; attaches to uterus
<b>Embryonic stage</b> ~2nd-8th weeks	Embryo ~1 inch long (2.54 cm); beating heart
<b>Fetal stage</b> ~ 9 <sup>th</sup> week - birth	Rapid skeletal, muscle, & brain development
<b>Androgens / Estrogens</b>	Male / female sex hormones
<b>Placenta</b>	Organ linking bloodstream of mother to fetus
<b>Teratogen</b> Latin “monster maker”	Substance that harms fetal development
<b>Fetal Alcohol Syndrome</b>	Cognitive deficits; characteristic facial features
<b>Infancy stage</b> Birth to ~18-24 months	Rapid perceptual & motor skill development
<b>Reflex</b>	Automatic response; rooting, sucking, grasp
<b>Preferential looking</b>	Stare longer at preferred
<b>Habituation</b>	Repeated presentation → reduced interest in stimulus
<b>Infantile amnesia</b>	Autobio. memory begins ~3
<b>Synaptic pruning</b>	Intentional loss of unused neural connections

## Cognitive Development

<b>Jean Piaget</b> 1896-1980	Swiss developmental psychologist
<b>Assimilation vs. accommodation</b>	New info added to schema vs. modifies schema
<b>Sensorimotor Stage</b> ~birth – age 2	Senses & movement; lack <b>object permanence</b> ; <i>A-not-B Error</i>

<b>Preoperational Stage</b> ~age 2-5	<b>Conservation</b> errors; <b>Egocentrism</b> & poor <b>Theory of Mind</b>
<b>Concrete Operational Stage</b> ~age 6 - 11	Understand physical; abstract/hypothetical difficult
<b>Formal Operational Stage</b>	Final stage; age 12+
<b>Autism Spectrum Disorder</b>	Theory of mind / social deficits; restricted interests
<b>Zone of Proximal Development</b> Lev Vygotsky 1896-1934	With help/guidance ( <i>scaffolding</i> ) child extends beyond capabilities alone
<b>Gender roles</b>	Pressures & expectations for male/female behavior
<b>Social Learning Theory</b>	Role of society & env. in forming schema & roles

## Bonding & Attachment

<b>Ethology</b>	Study of animal behavior
<b>Imprinting</b> Konrad Lorenz 1903-1989	Newly-hatched geese follow 1 <sup>st</sup> large moving object
<b>Harry Harlow</b> 1905-1981	Rhesus monkeys; <b>food</b> vs. <b>security</b> ; wire vs. cloth mom
<b>Mary Ainsworth</b> 1913-1999	“ <b>Strange Situation</b> ” mom leaves followed by reunion
<b>Secure attachment</b>	Child upset then comforted
<b>Insecure attachments</b>	<b>Avoidant</b> : upset but not comforted/sad <b>Resistant/ambivalent</b> ; upset but not comforted/angry
<b>Temperament</b>	Early pattern of emotional reactivity
<b>Parenting Styles</b> Diana Baumrind	<b>Authoritarian</b> (strict rules), <b>Permissive</b> (few/no rules), <b>Authoritative</b> (rules + compromise/flexibility)

<b>Neglectful Parenting</b> Maccoby & Martin	Meet child’s basic needs otherwise preoccupied
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## Moral Development

<b>Stages of Moral Development</b> Lawrence Kohlberg 1927-1987	<b>Preconventional</b> (consequences) <b>Conventional</b> (rules / laws) <b>Postconventional</b> (ethical principles)
<b>Carol Gilligan</b>	Critiqued Kohlberg as <i>androcentric</i> ; justice vs. relationships & empathy
<b>Moral intuitions</b>	Immediate feelings of right/wrong guide reasoning

## Adolescent Development

<b>Primary vs. Secondary Sex Characteristics</b>	Reproductive organs vs. other areas (muscle growth, body hair, voice, etc.)
<b>Spermarche</b>	First ejaculation ~ age 14
<b>Menarche</b>	1 <sup>st</sup> menstrual cycle ~age 12
<b>Sexual orientation</b>	Pattern of romantic / sexual attraction

## Adulthood & Aging

<b>Erik Erikson</b> 1902-1994	<b>8 Ages of Man</b> each with <i>Psychosocial task</i> to resolve
<b>Social clock</b>	Societal norms for life events (work, marriage, childbearing, etc.)
<b>Cognitive decline</b>	Decreased recall; reduced fluid intelligence
<b>Menopause</b> (females)	End of reproductive ability
<b>Alzheimer’s Disease</b>	<i>Dementia</i> due to plaque & tangled protein fragments