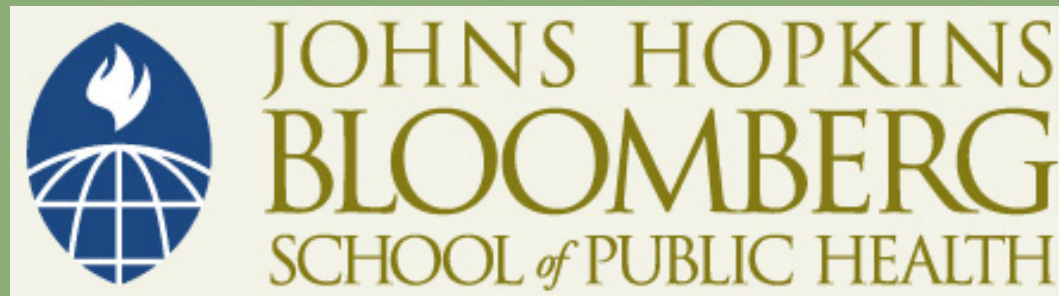


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## Section D

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### Cognitive Development and Related Aspects

# Cognitive Development

- **Cognitive development:** the shift in intellectual problem-solving skills
- In adolescence, it is a shift from concrete to abstract thinking

# Jean Piaget



Sources: [http://www.unesco.org/education/educprog/50y/brochure/images/71\\_c.jpg](http://www.unesco.org/education/educprog/50y/brochure/images/71_c.jpg)  
<http://www.gavilan.edu/library/nursing/ah3/images/piaget.gif>

# Three Components of Formal Operational Logic

- Combinatorial logic

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- Combinatorial logic
- Development of a second symbolic system

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- Combinatorial logic
- Development of a second symbolic system
- Construction of ideal, contrary-to-fact situations

# Moral Development

- Lawrence Kohlberg—moral decision making
  - Pre-conventional
  - Conventional
  - Post-conventional



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- Lawrence Kohlberg—moral decision making
  - Pre-conventional

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- Lawrence Kohlberg—moral decision making
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# Moral Development

- Lawrence Kohlberg—moral decision making
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# Moral Development

- Carol Gilligan—female moral development
  - Sociocentric
  - Egocentric
  - Reciprocal

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# Future Time Perspective

- **Future time perspective** is the capacity to envision a future and project one's self in it
  - A personal sense of time
  - Time as an abstraction
  - Future options



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# Social Cognition

- **Social cognition** is the shift in social problem solving
- In adolescence, it is a shift from egocentrism to mutuality

# Three Components of Adult Social Cognition

- Existence
- Need
- Inference

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