

**PSYCHOLOGY 475/575**  
**COGNITIVE DEVELOPMENT - FALL 1994**  
**142 Straub, Tues-Thurs 12:30 - 1:50**

**Professor:**

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Office Hours: Tuesdays and Thursdays 3:30 - 4:30, or by appointment.

**Textbook:**

Flavell, J.H., Miller, P.H., & Miller, S.A. (1993). Cognitive development (3rd ed.). Englewood Cliffs, NJ: Prentice Hall.

**Course Prerequisites:**

Psychology 302 and 303

**Readings:**

A list of lecture topics and reading assignments follows. The chapters refer to the chapters in your textbook, and the additional readings refer to the readings listed on the next page. The lecture topics will generally supplement rather than retrace materials presented in the text and readings, and will reflect topical issues of contemporary interest in the field. The course readings will be available for purchase at the Bookstore. Copies of the readings will also be on reserve at the library.

**Grading:**

There will be two midterms, a final, and a paper, each counting 25% towards the final grade. The exams will have a short answer and essay format and will not be cumulative. Midterm 1 will cover lectures and readings up to October 18; Midterm 2 will cover lectures and readings between Midterm 1 and November 8; and the Final exam will cover lectures and readings after Midterm 2. You should note that make-up exams will only be given in extreme circumstances (e.g., serious illness). In addition to exams, each student will write a 5-6 page critique of a journal article relevant to cognitive development (details will be provided later). The critique is due in class on November 15.

**OUTLINE OF LECTURE TOPICS**

<u>Date</u>	<u>Topic</u>	<u>Reading</u>
Sept. 27	Introduction to Cognitive Development	Ch. 1
Sept. 29	Perceptual Development	Ch. 2 (pp. 22-45); Rdg. 1
Oct. 4-11	Physics	Ch. 2 (remainder); Ch. 3 (pp. 85-88); Ch. 4 (pp. 159-169); Rdgs 2-5
Oct. 13	Number	Ch. 3 (pp. 116-127); Rdg. 6
Oct. 18	MIDTERM 1	
Oct. 20-25	Language	Ch. 7; Rdgs 7 & 8
Oct. 27	Representation	Ch. 3 (pp. 76-85); Rdg. 9
Nov. 1	The Self	Ch. 5 (pp. 204-208); Rdg. 10
Nov. 3	Space	Ch. 5 (196-201); Rdg. 11
Nov. 8	MIDTERM 2	
Nov. 10-17	Mind	Ch. 3 (pp. 100-116); Ch. 5 (remainder); Rdg. 12
Nov. 22	Biology	Ch. 3 (remainder); Rdgs 13 & 14
Nov. 24	Thanksgiving	
Nov. 29	Memory	Ch. 6; Ch. 4 (remainder); Rdg. 15
Dec. 1	Wrap-up	Ch. 8; Rdg. 16
Dec. 8	FINAL (8:00-10:00)	

## READINGS

1. DeCasper, A.J. & Fifer, W.P. (1980). Of human bonding: Newborns prefer their mothers' voices. Science, 208, 1174-1176.
2. Mandler, J. M. (1990). A new perspective on cognitive development in infancy. American Scientist, 78, 236-243.
3. Baillargeon, R. (1987). Object permanence in 3 1/2- and 4 1/2-month-old infants. Developmental Psychology, 23, 655-664.
4. Jacobson, S.W., Jacobson, J.L., Sokol, R.J., Martier, S.S., & Ager, J.W. (1993). Prenatal alcohol exposure and infant information processing ability. Child Development, 64, 1706-1721.
5. Kaiser, M.K., McCloskey, M., & Proffitt, D.R. (1986). Development of intuitive theories of motion: Curvilinear motion in the absence of external forces. Developmental Psychology, 22, 67-71.
6. Wynn, K. (1990). Addition and subtraction by human infants. Nature, 358, 749-750.
7. Markman, E. M. (1990). Constraints children place on word meanings. Cognitive Science, 14, 57-87.
8. Baldwin, D.A. (in press). Understanding the link between joint attention and language. In C. Moore & P. Dunham (Eds.), Joint attention: Its origins and role in development. Hillsdale, NJ: Lawrence Erlbaum.
9. De Loache, J. S. (1987). Rapid change in the symbolic functioning of very young children. Science, 238, 1556-1557.
10. Lewis, M., Sullivan, M.W. Stanger, C., & Weiss, M. (1989). Self development and self conscious emotions. Child Development, 60, 146-156.
11. Light, P. & Nix, C. (1983). "Own view" versus "good view" in a perspective-taking task. Child Development, 54, 480-483.
12. Moses, L.J. & Flavell, J.H. (1990). Inferring false beliefs from actions and reactions. Child Development, 61, 929-945.
13. Inagaki, K. & Hatano, G. (1993). Young children's understanding of the mind-body distinction. Child Development, 64, 1534-1549.
14. Sigelman, C., Maddock, A., Epstein, J., & Carpenter, W. (1993). Age differences in understandings of disease causality: AIDS, colds, and cancer. Child Development, 64, 272-284.
15. Newcombe, N. & Fox, N.A. (1994). Infantile amnesia: Through a glass darkly. Child Development, 65, 31-40.
16. Siegler, R.S. (1994). Cognitive Variability: A key to understanding cognitive development. Current Directions in Psychological Science, 3, 1-5.