

Syllabus  
Psychology 410  
Clinical Research Methods

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Course Description

Welcome to Clinical Research Methods! The purpose of the course is to provide you with a basic understanding of research methods and design in contemporary clinical psychological research. You will learn how to determine the advantages and disadvantages of various research methods. A major objective of the course is to help you develop critical thinking skills to evaluate the quality of research.

Class sessions will involve both lecture and discussion based on the reading assignments. The textbook for the course will be supplemented by selected readings. Some of the class sessions will involve hands-on computer simulations to illustrate concepts.

You will be involved in weekly individual supervision with your primary mentor. In addition, you will participate in your mentor's lab meetings. You should attend the lab meetings of other faculty at least once during the internship. Additional lab participation with faculty other than your primary mentor is optional.

Course Requirements

Weekly logs: Each week, you will turn in a log of contact time with faculty, students, and any other activities related to the internship.

Quizzes: There will be three short-answer quizzes based on the readings and class sessions.

Term paper: In consultation with your primary mentor, you will write an 8-10 page review paper on a topic in your mentor's area of expertise.

Class presentation: On the last day of class, you will make a 10-minute presentation on a research methodological issue that you have learned about with your mentor during your summer internship.

## Grading

Weekly logs:	5%
Quizzes:	30%
Term paper:	60%
Class presentation:	5%

93% = A  
83% = B  
73% = C  
63% = D

### Textbook:

Kazdin, A. E. (2003). *Research design in clinical psychology* (4<sup>th</sup> ed.). Boston: Allyn & Bacon.

### Readings:

- Kazdin, A. E. (1999a). Overview of research design issues in clinical psychology. In P. C. Kendall, J. N. Butcher, & G. N. Holmbeck (Eds.), *Handbook of research methods in clinical psychology*, 2<sup>nd</sup> ed. (pp. 3-30). New York: Wiley.
- Kazdin, A. E. (1999b). The meanings and measurement of clinical significance. *Journal of Consulting and Clinical Psychology*, 67, 332-339.
- Ready, R. E., & Clark, L. A. (2002). Correspondence of psychiatric patient and informant ratings of personality traits, temperament, and interpersonal problems. *Psychological Assessment*, 14, 39-49.
- Sohn, D. (1996). Publication bias and the evaluation of psychotherapy efficacy in reviews of the research literature. *Clinical Psychology Review*, 16, 147-156.
- Westen, D., & Morrison, K. (2001). A multidimensional meta-analysis of treatments for depression, panic, and generalized anxiety disorder: An empirical examination of the status of empirically supported therapies. *Journal of Consulting and Clinical Psychology*, 69, 875-899.
- Widiger, T. A., & Clark, L. A. (2000). Toward DSM--V and the classification of psychopathology. *Psychological Bulletin*, 126, 946-963.

## Course Outline

Date	Topics	Kazdin	Readings
6/27-7/1	Introduction, Validity	1-3	Kazdin (1999a)
6/27	Faculty introductions		
7/1	Computer Lab Session (STB 180/181)		
7/1	<b>Weekly log due</b>		
July 4	<i>Holiday – no class</i>		
7/5-7/8	Bias, Research Design	4-5	Ready & Clark (2002)
7/6	<i>Late class (1-2pm)</i>		
	Faculty Presentations – Arrow		
7/8	<b>Quiz #1</b>		
7/8	<b>Weekly log due</b>		
7/11-7/15	Experimental Research	6-9	Kazdin (1999b)
7/13	Faculty Presentations – Hodges, Moses		
7/15	Faculty Presentations – Freyd		
7/15	<b>Weekly log due</b>		
7/18-7/22	Case and Qualitative Methods	10, 12	Widiger & Clark (2000)
7/21	<b>Quiz #2</b>		
7/22	Faculty Presentations – White, Measelle		
7/22	<b>Weekly log due</b>		
7/25-7/29	Assessment, Data Analysis	13-16	Westen & Morrison (2001)
7/27	<b>Advanced draft of term paper due</b>		
7/29	Faculty Presentations – Monroe, Taylor		
7/29	<b>Weekly log due</b>		
8/1-8/5	Ethical, Professional Issues	17-19	Sohn (1996)
8/4	<b>Quiz #3</b>		
8/4	<b>Term paper due</b>		
8/5	<b>Student presentations</b>		
8/5	<b>Weekly log due</b>		