

**WURZWEILER SCHOOL OF SOCIAL WORK
YESHIVA UNIVERSITY
MSW PROGRAM**

**Social Work Practice and Evaluation Research
SWK 6403**

**Fall/Spring/Summer 20XX
Instructor Name
Email
Phone
Office Hours**

COURSE DESCRIPTION

The purpose of Social Work Practice and Evaluation Research, a required course, is to teach students an understanding and appreciation of a scientific, analytic approach to building knowledge for practice and evaluating service delivery. The need to assess our social work interventions systematically has become a necessity.

Students will learn the relationship between single-subject research and practice, the fundamentals of the language of social work research, the elements of research designs, data analysis techniques used in single-

methods. Social workers demonstrate knowledge about methods to assess reliability and

I. LEARNING OBJECTIVES:

At the conclusion of this course, students will be able to:

1. Utilize single subject research methods to explore and promote understanding of social work practice.
2. Understand and utilize the language of social work research.
3. Show the relationship between observations, evidence, and inference.
4. Identify and formulate the critical concepts used in problem formulation.
5. Quantify interventions and outcomes.
6. Understand the relationship of single system research designs with classic social work research.
7. Understand and utilize appropriate single subject research designs.
8. Utilize data analysis techniques such as: visual analysis; autocorrelation; regression line, proportional frequency, Statistical Process Control charts(SPC); t-test, and chi-square.
9. Understand and recognize the ethical implications of research.
10. Carry out a literature search using relevant books, journals and such databases as Social Work Research and Abstracts, ProQuest, and PubMed.
11. Apply research concepts by analyzing research studies in social work and related fields.
12. Communicate successfully through written materials, visual presentations and oral presentations the concepts, processes and findings of social work practice research.

II. INSTRUCTIONAL METHODS

Learning will occur through a variety of experiences and methods such as lecture, class discussion, presentations from field experience and use of statistical analysis software.

Participation and interaction are expected beyond the class meeting time. Regardless of class modality, all students are expected to participate in weekly discussion boards that are opportunities for further exploration of course concepts and readings. Some homework assignments based in R may be substituted for weekly discussion boards in this course. Please see the outline at the end of this syllabus and the Canvas course shell for information specific to your course section. All discussion board posts and homework will be submitted through Canvas.

Texts for the Course

Kazdin, A. E. (2011).
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Assignment 3 – Due Session 14 (Comparing Baseline to Intervention)

All written work submitted by students is to be their own. Ideas and concepts that are the work of others must be cited with proper attribution. The use of the written works of others that is submitted as one's own constitutes and is a violation of academic standards. The School will not condone in any form and will impose sanctions to acts of

the person must be changed or eliminated. This includes obvious identifiers such as names and birth dates but may also contain other information that is so unique to the person that it will allow for identification, including diagnosis, race/ethnicity or gender. If diagnosis, race/ethnicity or gender is directly related to the case presentation, it can be included if it will not allow for identification.

FERPA & OTHER UNIVERSITY POLICIES • Wurzweiler's policies and procedures are in compliance with FERPA regulations. Information about FERPA regulations can be found [here](#).

- Drug-Free University Policy can be found [here](#).
- Policy Statement on Non-Discrimination, Anti-Harassment, and Complaint procedures can be found [here](#).
- The University's Computer Guidelines can be found [here](#).

COURSE OUTLINE

SESSION 1 - INTEGRATING EVALUATION AND PRACTICE Learning Objectives Covered: 1, 11

Learning Themes

- A. What are the basic characteristics of single-system designs
- B. Connections of evaluation and practice. Comparison of classic research and single system design research

Required Readings

Auerbach, C. & Zeitlin, W. (2021).
2nd ed.). New York: Oxford University Press. (Introductory Chapter)

Kazdin, A. E. (2011).

Damian, A. J., & Gonzalez, M. (2020). Dismantling racism in research. *Journal of Research on Diversity and Equity in Education*, 10(246), 237.

Daftary, A. (2020). Critical race theory: An effective framework for social work research. *Journal of Research on Diversity and Equity in Education*, 10(6), 439-454.

Kaushik, Vibha, and Christine A. Walsh. "Pragmatism as a research paradigm and its implications for social work research." *Journal of Research on Diversity and Equity in Education*, 8.9 (2019): 255.

Clauss-Ehlers, C. S., Chiriboga, D. A., Hunter, S. J., Roysircar, G., & Tummala-Narra, P. (2019). APA Multicultural Guidelines executive summary: Ecological approach to context, identity, and intersectionality. *Journal of Research on Diversity and Equity in Education*, 10(2), 232.

Bourabain, D., & Verhaeghe, P. P. (2021). The conceptualization of everyday racism in research on the mental and physical health of ethnic and racial groups: a systematic review. *Journal of Research on Diversity and Equity in Education*, 11(3), 648-660.

Rippey-Massat C., & Lundy M. (1997). Empowering research participants. *Journal of Research on Diversity and Equity in Education*, 7(1), 33-56.

Videos:

Cultural Humility Review

<https://www.dropbox.com/s/u47g39yziefkad1/Cultural%20Humility%20Review.mp4?dl=0>

Suggested Readings

Brown, K. S., Kijakazi, K., Runes, C., & Turner, M. A. (2019). Confronting structural racism in research and policy analysis. *Journal of Research on Diversity and Equity in Education*, 10(6), 439-454.

Ford, C. L., & Airhihenbuwa, C. O. (2010). Critical race theory, race equity, and public health: toward antiracism praxis. *Journal of Research on Diversity and Equity in Education*, 10(S1), S30 i

Suggested Readings:

Kazdin, A. E. (2011).

(2nd ed.). New York: Oxford University Press. (Chapters 2, 4 & 5)

Orme, J. G., & Combs-Orme, T. (2011).

York: Pearson.

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SAMHSA Publication No. PEP22-06-02-004.

Rockville, MD: National Mental Health and Substance Use Policy Laboratory. Substance Abuse and Mental Health Services Administration, 2022.

<https://www.dropbox.com/s/efn9dtlljiu0cow/Adapting%20Evidence-Based%20Practices%20for%20Under->

- A. Basics of identifying and understanding causal relationships within social work practice.
- B. Understanding alternative explanations for relationships.

Required Readings:

Kazdin, A. E. (2011).

. (2nd ed.). Oxford University Press. Chapters 12, (Chapters 6-11).

Auerbach, C., Schudrich, W. Z., Lawrence, C. K., Claiborne, N., & McGowan, B. G. (2013).
Predicting turnover: Validating the Intent to Leave Child Welfare Scale.

Barrera M Jr, Castro FG, Strycker LA, Toobert DJ. Cultural adaptations of behavioral health interventions: a progress report. J Consult Clin Psy0.8003 Tw 0..7 (i)-0.3 (J)-4)4 (ear)-4.3 (p -1.187 Td]

SESSION 11 - DESCRIPTIVE STATISTICS Learning Objective: 8

Learning Themes

- A. Use of descriptive statistics to inform and assist in decision making and practice evaluation.

Required Readings:

Auerbach, C. & Zeitlin, W. (2021).
2nd ed.). New York: Oxford University Press. (Comparing Baseline and Intervention Phases: Visualizing Your Findings and Descriptive Statistics)

Kazdin, A. E. (2011).
. (2nd ed.). Oxford University Press. (Chapters 12 & 13).

SESSIONS 12-13 - TESTS OF STATISTICAL SIGNIFICANCE FOR SINGLE-SYSTEM DESIGN Learning Objective 8

Learning Themes

- A. Use of inferential statistics to inform and assist in decision making and practice evaluation.

Required Readings:

Auerbach, C. & Zeitlin, W. (2021).
2nd

Swoboda, C. M., Kratochwill, T. R., & Levin, J. R. (2010). Conservative dual-criterion method for single-case research: A guide for visual analysis of AB, ABAB, and multiplebaseline designs.

. Retrieved from
http://www.item.wceruw.org/publications/workingPapers/Working_Paper_No_2010_13.pdf.

SESSION 14 - COMMUNICATION OF RESEARCH CONCEPTS, AND FINDINGS

Learning Objectives 7, 12

Required Readings:

Auerbach, C. & Zeitlin, W. (2014).
. New York: Oxford University Press. (Building Support for Practice Research)

Kirk S. A., & Berger R. M. (1993) Improving research writing.
, (4), 3-4.

Suggested Reading:

Christie, D., & Menter, I. (2009). Research capacity building in teacher education: Scottish collaborative approaches.
, (4), 337–354.

Epstein, I., & Blumenfield, S. (2012).
. Routledge.

McCrystal, P., & Wilson, G. (2009). Research training and professional social work education: Developing research-minded practice.
, (8), 856–872.

Preskill, H., & Boyle, S. (2008). A multidisciplinary model of evaluation capacity building.
, (4), 443–459.

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Janosky, J. E., Leininger, S. L., Hoerger, M. P., & Libkuman, T. M. (2009). (2009th ed.). New York: Springer.

Jindani, S. G., & Newman, C. P. (2006). Producing your own evidence for evidence-based practice. , (3-4), 115–125.

Kazdin, A. E. (2011). (2nd ed.). New York: Oxford University Press.

Kratochwill, T. R., Hitchcock, J. H., Horner, R. H., Levin, J. R., Odom, S. L., Rindskopf, D. M., & Shadish, W. R. (2013). Single-case intervention research design standards. , (1), 26–38. doi:10.1177/0741932512452794

Kratochwill, T. R., Hitchcock, J., Horner, R. H., Levin, J. R., Odom, S. L., Rindskopf, D. M., & Shadish, W. R. (2010). Single-case designs technical documentation. . Retrieved from http://ies.ed.gov/ncee/wwc/pdf/wwc_scd.pdf.

Krishef, C. H. (1991). Krieger Publishing Company Malabar, FL. Retrieved from <http://www.getcited.org/pub/102864933>

Kromrey, J. D., & Foster-Johnson, L. (1996). Determining the efficacy of intervention: The use of effect sizes for data analysis in single-subject research. , (1), 73–93.

Lenz, A. S. (2012). Calculating effect size in single-case research: A comparison of nonoverlap methods. , (1), 64–73. doi:10.1177/0748175612456401

Logan, L. R., Hickman, R. R., Harris, S. R., & Heriza, C. B. (2008). Single-subject research design: Recommendations for levels of evidence and quality rating. , (2), 99–103.

Lucksted, A., McFarlane, W., Downing, D., & Dixon, L. (2012). Recent developments in family psychoeducation as an evidence-based practice. , (1), 101–121.

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doi:10.1177/1049731512443288

Matyas, T., & Greenwood, K. (1990). Visual analysis of single-case time series: Effects of variability, serial dependence, and magnitude of intervention effects. *Journal of Applied Behavior Analysis*, *17*(3), 341–351.

McCrystal, P., & Wilson, G. (2009). Research training and professional social work education: Developing research-minded practice. *Journal of Applied Behavior Analysis*, *36*(8), 856–872.

Mechanic, D. (2012). Seizing opportunities under the Affordable Care Act for transforming the mental and behavioral health system. *Journal of Applied Behavior Analysis*, *39*(2), 376–382.

Mental Health America. (2013). Position statement 12: Evidence-based healthcare. Retrieved June 16, 2013, from <http://www.nmha.org/go/position-statements/12>.

Miller, B. (n.d.). *Journal of Applied Behavior Analysis*. Vancouver, British Columbia: University of British Columbia School of Rehab Sciences.

Mitra, A. (2008). Control charts for attributes. In *Handbook of Statistical Quality Control* (3rd ed., pp. 369–414). Hoboken, NJ: John Wiley & Sons, Inc.

Mohammed, M. A., & Worthington, P. (2012). Why traditional statistical process control charts for attribute data should be viewed alongside an xmr-chart. *Journal of Applied Behavior Analysis*. doi:10.1136/bmjqs-2012-001324

Morgan, D. L. (2008). *Journal of Applied Behavior Analysis*. SAGE.

Nagler, E., Rindskopf, D. M., & Shadish, W. R. (2008). *Journal of Applied Behavior Analysis*. New York: The Graduate Center, CUNY.

Nathan, P. E., & Gorman, J. M. (Eds.). (2002). *Journal of Applied Behavior Analysis* (2nd ed.). New York: Oxford University Press.

National Association of Social Workers. (2008). *Journal of Applied Behavior Analysis*. Washington, DC: Author.

Nourbakhsh, M. R., & Ottenbacher, K. J. (1994). The statistical analysis of single-subject data: A comparative examination. *Journal of Applied Behavior Analysis*, *21*(8), 768–776.

Orme, J. G. (1991). Statistical conclusion validity for single-system designs. *Journal of Applied Behavior Analysis*, *18*(3), 468–491. doi:10.2307/30012410

Orme, J. G., & Combs-Orme, T. (2011). *Journal of Applied Behavior Analysis*. New York: Pearson.

Orme, J. G., & Cox, M. E. (2001). Analyzing single-subject 0.5 (.)-73-0.7 (ngl)-0.7gje-vy

Orme, J., & Powell, J. (2008). Building research capacity in social work: process and issues. *Journal of Research on Social Work Practice*, 18(5), 988–1008.

Parker, R.I. (2006). Increased reliability for single-case research results: Is the bootstrap the answer? *Journal of Research on Social Work Practice*, 16(4), 326–338. doi:10.1016/j.beth.2006.01.007

Parker, Richard I., & Hagan-Burke, S. (2007). Median-Based Overlap Analysis for Single Case Data A Second Study. *Journal of Research on Social Work Practice*, 17(6), 919–936. doi:10.1177/0145445507303452

Parker, Richard I., Hagan-Burke, S., & Vannest, K. (2007). Percentage of All Non-Overlapping (s)-4 n)-10 /P <</MCID 7 BDC -0.00499a,2PANA,

Parker..Tj-03.3 B469.2 (0 Tc 0 D (f)-7.nt32

- Schlosser, R., & Wendt, O. (2008). Systematic reviews and meta-analyses of single-subject experimental designs (SSEDs). National Center for the Dissemination of Disability Research.
- Schudrich, W. (2012). Implementing a modified version of Parent Management Training (PMT) with an intellectually disabled client in a special education setting. *Journal of Special Education*, *46*(5), 421–423.
- Scruggs, T. E., & Mastropieri, M. A. (1998). Summarizing single-subject research issues and applications. *Journal of Special Education*, *32*(3), 221–242.
doi:10.1177/01454455980223001
- Scruggs, T. E., & Mastropieri, M. A. (2012). PND at 25: Past, Present, and Future Trends in Summarizing Single-Subject Research. *Journal of Special Education*, *46*(1), 9–19.
doi:10.1177/0741932512440730
- Scruggs, T. E., & Mastropieri, M. A. (2013). PND at 25 Past, Present, and Future Trends in Summarizing Single-Subject Research. *Journal of Special Education*, *47*(1), 9–19.
doi:10.1177/0741932512440730
- Shaw, I. (2005). Practitioner research: evidence or critique? *Journal of Special Education*, *39*(8), 1231–1248.
- Shaw, I. (2011). *Practitioner research: evidence or critique?* (2nd ed.). Burlington, VT: Ashgate.
- Smith, I. R., Garlick, B., Gardner, M. A., Brighthouse, R. D., Foster, K. A., & Rivers, J. T. (n.d.). Use of Graphical Statistical Process Control Tools to Monitor and Improve Outcomes in Cardiac Surgery. *Journal of Healthcare Quality*, *34*(8), 477–483.
doi:10.1016/j.hlc.2012.08.060
- Smith, J. D. (2012). Single-case experimental designs: A systematic review of published research and current standards. *Journal of Special Education*, *46*(1), 9–19.
Retrieved from <http://psycnet.apa.org/psycinfo/2012-20361-001E/>

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<http://www.rproject.org/about.html>.
- Thombs, B. D., Ziegelstein, R. C., Beck, C. A., & Pilote, L. (2008). A general factor model for the Beck Depression Inventory-II: Validation in a sample of patients hospitalized with acute myocardial infarction. Retrieved from
<http://psycnet.apa.org/psycinfo/2008-10640-008>
- Thyer, B. A., & Myers, L. L. (2011). The quest for evidence-based practice: A view from the United States. , (1), 8–25.
- Vannest, K. J., Davis, J. L., & Parker, R. I. (2013).
New York: Routledge.
- Verzani, J. (2004). (1st ed.). Chapman and Hall/CRC.
- Volkov, B. B., & King, J. A. (2007).
. Retrieved from http://www.wmich.edu/evalctr/archive_checklists/ecb.pdf
- Weisberg, S., & Fox, J. (2010). (2nd ed.). Thousand Oaks, CA: Sage Publications, Incorporated.
- Wendt, O. (2009). Calculating effect sizes for single-subject experimental designs: An overview and comparison. Presented at the The Ninth Annual Campbell Collaboration Colloquium, Oslo, Norway.
- Wheeler, D. J. (2004). (2nd ed.). Knoxville, Tennessee: SPC Press.