

Naike Wang

CONTACT INFORMATION

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Google Scholar: <https://scholar.google.com/citations?user=QD-iEXoAAAAJ&hl=en&inst=14379318592444324147>

Academic website: <https://wnk4242.github.io/>

EDUCATION

Texas A&M University, College Station, TX

- **Doctor of Philosophy**, Research, Measurement and Statistics **Expected June 2024**
Dissertation: Examination of Methods of Bayesian Hypothesis Testing for Direct Replication Studies in a Meta-analytic Framework
Advisor: Christopher G. Thompson

John Jay College of Criminal Justice, City University of New York, New York, NY

- **Master of Arts**, Forensic Mental Health Counseling **December 2016**

Tianjin Normal University, Tianjin, China

- **Bachelor of Science**, Applied Psychology **May 2013**

RESEARCH

PEER-REVIEWED ARTICLES

Wang, N. (2023). Conducting meta-analyses of proportions in R. *Journal of Behavioral Data Science*, 3(2), 1-63.

Thompson, C. G., Semma, B., **Wang, N.**, & Ettekal, I. (2021). Using Bayesian meta-regression to advance prevention science research: An introduction and empirical illustration. *Prevention Science*, 23(3), 455-466.

Gilson, C. B., Thompson, C. G., Ingles, K. E., Stein, K. E., **Wang, N.**, & Nygaard, M. A. (2021). The job coaching academy for transition educators: A preliminary evaluation. *Career Development and Transition for Exceptional Individuals*, 44(3), 148-160.

CONFERENCE PRESENTATIONS

Wang, N. (June, 2025) Underpowered studies and overrepresented significant findings in Educational Psychology. Proposal accepted by the Modern Modeling Methods Conference, Storrs, Connecticut.

Wang, N. (June, 2025) Examination of methods of Bayesian hypothesis testing for Direct replication studies in a meta-analytic framework. Proposal accepted by the Modern Modeling Methods Conference, Storrs, Connecticut.

Wang, N. (April, 2024) Effect size, heterogeneity, and power in meta-analyses of direct replica-

tions. Paper accepted by the annual meeting of the American Educational Research Association, Philadelphia, PA.

Wang, N. (March, 2023) Underpowered studies and overrepresented significant findings in Educational Psychology. Roundtable Session at the annual meeting of the Texas Universities' Educational Statistics And Psychometrics, Austin, TX.

Wang, N., & Liu, C. (2017) The effectiveness of sex offender registration and notification laws with juvenile sex offenders: A systematic review. Poster presented at the 2017 American Psychological Association Annual Convention, Washington, D.C.

Wang, N., Denisenkov, P., Robinson, J., Belden, A., & Jeglic, E. (2016) Collateral consequences of sex offender registration laws: A systematic review. Poster presented at the 21st Annual Joint New York State Association for the Treatment of Sexual Abusers and Alliance Conference, Albany, NY.

IN PREPARATION

Wang, N. (in preparation). Effect size, heterogeneity, and power in meta-analyses of direct replications.

Wang, N. (in preparation). Underpowered studies and overrepresented significant findings in Educational Psychology.

Thompson, C. G., Baek, E., & **Wang, N.** (in preparation). Bayesian meta-analysis of single case studies: A tutorial.

TEACHING

TEACHING
ASSISTANT

Department of Educational Psychology, College of Education & Human Development, Texas A&M University, College Station, TX

Statistical Analysis in Educational Research I

Statistical Analysis in Educational Research II

Meta-analysis of Behavioral Research

- Roles and Responsibilities: Held tutoring sessions during office hours, graded homework assignments, and occasionally gave graduate-level lectures on educational statistical analysis, research methods, and meta-analysis.

WORK EXPERIENCE

QUANTITATIVE
RESEARCH
CONSULTANT

Educational Research and Evaluation Laboratory, Department of Educational Psychology, College of Education & Human Development, Texas A&M University, College Station, TX

- Roles and Responsibilities: Consulted and advised on quantitative research inquiries for graduate student across all departments, including appropriate research design and appropriate statistical analyses.

SERVICE

AD HOC
REVIEWER

American Educational Research Association Annual Meeting

Behavior Research Methods
Methods Coordinating Group, Campbell Collaboration (<https://www.campbellcollaboration.org/>)

COURSES

RMS COURSES

Meta-analysis of Behavior Research
Theory of Structural Equation Modeling
Theory of Hierarchical Modeling
Advanced Structural Equation Modeling
Advanced Psychometric Theory
Multiple Regression and Other Linear Models
Theory of EPSY Research
Item Response Theory
Survey Instrument Development

STATISTICS COURSES

Overview of Mathematical Statistics
Statistical Computations
Methods of Statistics
Applied Categorical Data Analysis

HONORS AND AWARDS

Walter W. Lechner Estate Endowment Award, Fall 2018-2019

- Issued by Texas A&M University, College Station, TX

EPSY Scholarship, Fall 2022-2023

- Issued by Department of Educational Psychology, College of Education & Human Development, Texas A&M University, College Station, TX

TECHNICAL SKILLS

STATISTICAL SOFTWARE

Advanced: R, Comprehensive Meta-Analysis, JAGS

Intermediate: Stata, SPSS, SAS, Mplus, JMP, JASP