MAN CHEN
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EDUCATION

Ph.D., Quantitative Methods, Educational Psychology Department 2024
University of Wisconsin-Madison, Madison, WI

M.S., Statistics, Department of Statistics 2023
University of Wisconsin-Madison, Madison, WI

M.Ed., Quantitative Methods, Educational Psychology Department 2018
The University of Texas at Austin, Austin, TX

PROFESSIONAL APPOINTMENTS

Assistant Professor, Department of Educational Psychology 2024 - present
The University of Texas at Austin, Austin, TX

PUBLICATIONS

(italics indicate student author)

Peer-Reviewed Journal Articles

Chen, M. (2026). Evaluating methods for testing publication bias in meta-analyses with confounding covariates: A simulation study. *Behavior Research Methods* 58, 330. https://doi.org/10.3758/s13428-026-03206-7

Chen, M., & Pustejovsky, J. E. (2026). Addressing selective reporting bias in meta-analysis of dependent effect sizes: A tutorial in R. *Psychological Methods*. Advance online publication. https://doi.org/10.1037/met0000841

Shen, L., *Huang, Y.*, *Ma, Z.*, & **Chen, M.**, *Ma, C.*, & Clemens, N. H. (2026). How accurate are computer-adaptive reading screeners? A systematic review and meta-analysis of validity and classification accuracy. *School Psychology Review,* 1-21. https://doi.org/10.1080/2372966X.2026.2633597

Shaikh, A. N., **Chen, M.**, *Dhar, J.*, *Yang, J.*, *Sadek, K.*, Kim Chang, M., *Hsu, L-C.*, Shilam, R., *Varghese, A. S.*, Chang, C. (2025). Associations between coping and suicide risk among

emerging adults of Asian descent. *The Professional Counselor, 15*(4), 246-262. https://doi.org/10.15241/ans.15.4.246

Chen, M., & Pustejovsky, J. E. (2025). Adapting methods for correcting selective reporting bias in meta-analysis of dependent effect sizes. *Psychological Methods*. Advance online publication. https://doi.org/10.1037/met0000773

Vite, A., Patall, E. A., & **Chen, M**. (2024). Relationships between experiences of autonomy and well(ill)-being for K-12 Youth: A meta-analysis. *Educational Psychology Review, 36,* 127. https://doi.org/10.1007/s10648-024-09967-x

Pustejovsky, J. E., & **Chen, M**. (2024). Equivalencies between ad hoc strategies and multivariate models for meta-analysis of dependent effect sizes. *Journal of Educational and Behavioral Statistics, 49*(6), 1013-1043. https://doi.org/10.3102/10769986241232524

Chen, M., & Pustejovsky, J. E. (2024). Multilevel meta-analysis of single-case experimental designs using robust variance estimation. *Psychological Methods, 29*(3), 537-560. https://doi.org/10.1037/met0000510

Ganz, J. B., Pustejovsky, J. E., Reichle, J., Vannest, K. J., Foster, M., Fuller, M. C., Pierson, L. M., Wattanawongwan, S., Bernal, A., **Chen, M.**, Haas, A. N., Skov, R., Smith, S. D., & Yllades, V. (2024). Augmentative and Alternative Communication intervention targets for school-aged participants with ASD and ID: A single-case systematic review and meta-analysis. *Review Journal of Autism and Developmental Disorders, 11*(1), 52-65. https://doi.org/10.1007/s40489-022-00326-6

Patall, E. A., Yates, N., Lee, J., **Chen, M.**, Bhat, B. H., Lee, K., Beretvas, S. N., Lin, S., Yang, M., Jacobson, N. G., Harris, E., & Hanson, D. J. (2023). A meta-analysis of teachers' provision of structure in the classroom and students' academic competence beliefs, engagement, and achievement. *Educational Psychologist, 59*(1), 42–70. https://doi.org/10.1080/00461520.2023.2274104

Ganz, J. B., Pustejovsky, J. E., Reichle, J., Vannest, K. J., Foster, M., Haas, A. N., Pierson, L. M., Wattanawongwan, S., Bernal, A., **Chen, M.**, Skov, R., & Smith, S. D. (2023). Considering instructional contexts in AAC interventions for people with ASD and/or IDD experiencing complex communicative needs: A single-case design meta-analysis. *Review Journal of Autism and Developmental Disorders, 10*(4), 615-629 https://doi.org/10.1007/s40489-022-00314-w

Reichle, J., Pustejovsky, J. E., Vannest, K., Foster, M., Pierson, L., Wattanawongwan, S., **Chen, M.**, Fuller, M. C., Haas, A., Bhat, B. H., Sallese, M. R., Smith, S. D., Yllades, V., Rodriguez, D., Yoro, A., & Ganz, J. B. (2023). Systematic review of variables related to instruction in augmentative and alternative communication implementation: Group and single-case design. *American Journal of Speech-Language Pathology, 32*(4), 1734-1757. https://doi.org/10.1044/2023_AJSLP-22-00314

Chen, M., Pustejovsky, J. E., Klingbeil, D. A., & Van Norman, E. (2023). Between-Case Standardized Mean Differences: Flexible Methods for Single-Case Designs. *Journal of School Psychology, 98,* 16-38. https://doi.org/10.1016/j.jsp.2023.02.002

Ganz, J. B., Pustejovsky, J. E., Reichle, J., Vannest, K. J., Foster, M., Pierson, L. M., Wattanawongwan, S., Bernal, A. J., **Chen, M.**, Haas, A. N., Liao, C.-Y., Sallese, M. R., Skov, R., & Smith, S. D. (2023). Participant characteristics predicting communication outcomes in AAC implementation for individuals with ASD and IDD: a systematic review and meta-analysis. *Augmentative and Alternative Communication, 39*(1), 7-22. https://doi.org/10.1080/07434618.2022.2116355

Salamanca-Balen, N., Merluzzi, T. V., & **Chen, M.** (2021). The effectiveness of hope-fostering interventions in palliative care: a systematic review and meta-analysis. *Palliative Medicine, 35*(4), 710-728. https://doi.org/10.1177/0269216321994728

Non-Peer-Reviewed Articles

1. Ganz, J., Pustejovsky, J. E., Reichle, J., Vannest, K., Pierson, L., Wattanawongwan, S., **Chen, M.**, Foster, M., Fuller, M., Haas, A., Hamilton, B., Sallese, M., Smith, S. D., & Yllades, V. (2020). Methodology: Systematic review and meta-analysis of the AAC literature for people with autism spectrum disorder or intellectual disabilities who have complex communication needs through 2020. Available electronically from https://hdl.handle.net/1969.1/189532

Under Submission/Revision

Brown, H. M., Hart, E., Rico-Picó, J., Gray, K. N., **Chen, M.**, & Troller-Renfree, S. V. (2026, September 17). A systematic review and meta-analysis on early adversity and resting-state EEG from infancy to adolescence. https://osf.io/preprints/psyarxiv/s6vhm_v1

Chen, M., & Pustejovsky, J. E. (under review). Selective reporting mechanisms in primary studies with multiple outcomes.

Shaikh, A. N., **Chen, M.**, Noble, N., Hurley, K., Martin, W., Martinson, H. (under revision). Who to Call in a Crisis: College Student Awareness and Likelihood of Use of the 988 Suicide and Crisis Lifeline. *Journal of Counseling & Development*.

AWARDS AND HONORS

2026 Berkeley Initiative for Transparency in the Social Sciences (BITSS) Catalyst Award, Center for Effective Global Action
2023 Busk Travel Award, University of Wisconsin-Madison
2019 William L. Hays Endowed Fellowship, UT-Austin
2019 Professional Development Award, UT-Austin
2018 Texas New Scholar Award, UT-Austin
2016 Educational Psychology Endowed Scholarship, UT-Austin

SOFTWARE

Pustejovsky, J. E. & **Chen, M.** (2023). *lmeInfo: Information Matrices for 'lmeStruct' and 'glsStruct' Objects* (R package version 0.3.2). URL: https://jepusto.github.io/lmeInfo

Pustejovsky, J. E., **Chen, M.**, & Hamilton, B. J. (2023). *scdhlm: Estimating hierarchical linear models for single-case designs.* (R package version 0.7.2). URL: https://jepusto.github.io/scdhlm

Pustejovsky, J. E., **Chen, M.**, Hamilton, B., & Grekov, P. (2023). scdhlm: A web-based calculator for between-case standardized mean differences (Version 0.7.2) [Web application]. URL: https://jepusto.shinyapps.io/scdhlm

Pustejovsky, J. E., **Chen, M.**, Grekov, P., & Swan, D. M. (2024). *SingleCaseES: A calculator for single-case effect size indices.* (R package version 0.7.3). URL: https://jepusto.github.io/SingleCaseES

Pustejovsky, J. E., **Chen, M.**, Grekov, P. & Swan, D. M. (2024). Single-case effect size calculator (Version 0.7.3) [Web application]. URL: https://jepusto.shinyapps.io/SCD-effect-sizes

PRESENTATIONS

Invited Talks

Chen, M. (2026, February). *Evaluating meta-analytic methods to detect publication bias in the presence of between-study heterogeneity*. Presentation at the Educational Psychology colloquium, College of Education, The University of Texas at Austin, Austin, TX.

Chen, M. (2025, February). *Adapting Methods for Correcting Selective Reporting Bias in Meta-Analysis of Dependent Effect Sizes*. Presented at the AERA Systematic Review and Meta-Analysis SIG Online Seminar, online.

Chen, M. (2024, November). *R package development: An introduction*. Presentation at the Quantitative Methods colloquium in the Department of Educational Psychology, College of Education, The University of Texas at Austin, Austin, TX.

Conference Presentations

Chen, M. (2026, June). *Evaluating methods for detecting publication bias in meta-analyses with between-study heterogeneity.* Paper presented at the annual Modern Modeling Methods conference, New York, New York.

Du, S., & **Chen, M.** (2026, April). *Variable selection in multilevel modeling*. Poster presented at the American Educational Research Association annual convention, Los Angeles, CA.

Chen, M. (2026, April). *A comparison of methods for assessing publication bias in mixed-effects meta-regression models* [Roundtable session]. American Educational Research Association annual convention, Los Angeles, CA.

Chen, M., & Pustejovsky, J. E. (2026, April). *Addressing selective reporting bias in meta-analysis of dependent effect sizes: A tutorial in R*. Paper presented at the American Educational Research Association annual convention, Los Angeles, CA.

Chen, M., & Pustejovsky, J. E. (2025, October). *Adjusting for Selective Reporting Bias Using a Novel Weighting Scheme in Meta-Analysis with Dependent Effect Sizes*. Paper presented at the Society for Research on Educational Effectiveness annual meeting, Chicago, IL.

Chen, M., & Pustejovsky, J. E. (2025, August). *Adapting Bias-correction methods for selective reporting in meta-analysis of dependent effect sizes*. Poster presented at the American Psychological Association annual convention, Denver, CO.

Chen, M., & Pustejovsky, J. E. (2025, July). *Investigating different selective reporting mechanisms of multiple outcomes*. Paper presented at the Society for Research Synthesis Methodology annual meeting, Madison, WI.

Pustejovsky, J. E., **Chen, M.**, Klingbeil, D., & Van Norman, E. (2024, April). *Bayesian estimation of between-case standardized mean differences: A simulation study*. Poster presented at the American Educational Research Association annual convention, Philadelphia, PA.

Chen, M., Pustejovsky, J. E., Klingbeil D. A., & Van Norman E. R. (2023, May). *Between-case standardized mean differences: Flexible methods for single-case designs*. Poster presented at the Wing Institute Single Case Conference, Nashville, TN.

Pustejovsky, J. E., & **Chen, M.**, Klingbeil D. A., & Van Norman E. R. (2023, April). *Empirical benchmarks for between-case standardized mean differences from single-case multiple baseline designs examining academic interventions*. Paper presented at the American Educational Research Association annual convention, Chicago, IL.

Pustejovsky, J. E., & **Chen, M.** (2022, April). *Synthesis of non-overlap of all pairs using logistic transformation or binomial generalized linear mixed model*. Poster presented at the American Educational Research Association annual convention, online.

Chen, M., & Pustejovsky, J. E. (2022, April). *Multi-level meta-analysis of single-case experimental designs using robust variance estimation*. Paper presented at the American Educational Research Association annual convention, San Diego, CA.

Chen, M., Pustejovsky, J. E., Klingbeil D. A., & Van Norman E. R. (2022, April*). Between-case standardized mean differences: Flexible methods for single-case designs*. Poster presented at the American Educational Research Association annual convention, online.

Yates, N. M., Madden, A, & **Chen, M.** (2022, April). *Black students' motivation and school outcomes: A meta-analysis*. Paper presented at the American Educational Research Association annual convention, San Diego, CA.

Chen, M., & Pustejovsky, J. E. (2021, April). *Meta-analysis of Single-case Experimental Designs Using Robust Variance Estimation*. Poster presented at the American Educational Research Association annual convention, online.

Chen, M., & Whittaker, T. A. (2020, April). *Assessing mediation in a multilevel SEM framework for the 2-1-1 and 1-1-1 design* [Roundtable session]. Annual Meeting of the American Educational Research Association (AERA), San Francisco, CA. (Conference canceled due to COVID-19)

Chen, M., Daniel, J., Costello, L., & Way, P. J. (2020, April). *The effect of math tutoring on college students' academic achievement: A propensity score matching approach* [Roundtable session]. Annual Meeting of the American Educational Research Association (AERA), San Francisco, CA. (Conference canceled due to COVID-19)

Lin, S., **Chen, M.**, Costello, L., & Valdez, L. (2020, April). *Belonging and utility value of first year interest group college students: A factor mixture model* [Roundtable session]. Annual Meeting of the American Educational Research Association (AERA), San Francisco, CA. (Conference canceled due to COVID-19)

Salamanca-Balen, N., **Chen, M.**, & Merluzzi, T. (2020 April). *The effectiveness of hope-fostering interventions in palliative care: A systematic review and meta-analysis*. Poster presented at the 41st Annual Meeting & Scientific Sessions of the Society of Behavioral Medicine, San Francisco, CA. (Conference canceled due to COVID-19)

Chen, M., & Beretvas, S. N. (2019, April). *Centering covariates in mixed-effects meta-regression models*. Poster presented at the American Educational Research Association annual convention, Toronto, Canada.

Costello, L., Morgan, J., & **Chen, M.**, (2019, April). *Results from a collaborative assessment of the core curriculum at a large research university*. Presented at the 6th Annual LEAP Conference, Houston, TX.

ADVISING AND STUDENT-RELATED SERVICE

Doctoral Dissertation Committee

Julie Sievers (UT-Austin, Human Development, Culture, and Learning Sciences)
Jeanne Klovert (current, UT-Austin, Human Development, Culture, and Learning Sciences)

Doctoral Qualifying Process Committee

Hyo-Mi Pak (UT-Austin, school psychology)
Yang-Hsin Fan (UT-Austin, Human Development, Culture, and Learning Sciences)

ADMINISTRATIVE AND PROFESSIONAL SERVICE

Professional Service

Committee Membership
Communications committee, Society for Research Synthesis Methodology, 2026-present

Chair/Discussant at a Conference
Chair, Lightning talk session D, Society for Research Synthesis Methodology annual meeting (2025)
Chair, Advancing meta-analytic methods, AERA Systematic Reviews & Meta-Analysis SIG (2026)

Editorial Board
Journal of Research on Educational Effectiveness(2025-present)

Referee Service
Ad-hoc reviewer
- *Advances in Methods and Practices in Psychological Science* (2026)
- *British Journal of Mathematical and Statistical Psychology* (2024, 2025, 2026)
- *Behavior Research Methods (2026)*
- *Child Development* (2025, 2026)
- *Exceptional Children* (2024, 2025)
- *Evaluation Review* (2026)
- *Humanities and Social Sciences Communications (2026)*
- *Journal of Applied Behavior Analysis* (2023)
- *Journal of Educational Psychology* (2025)
- *Journal of Positive Behavior Interventions* (2023)
- *Journal of Research on Educational Effectiveness* (2026)
- *Multivariate Behavioral Research* (2025, 2026)
- *Nature Communications* (2025)
- *Nature Human Behavior* (2025, 2026)
- *Psychologica Belgica* (2024)
- *Psychological Methods* (2025)
- *Review of Education* (2024)
- *Research Synthesis Methods* (2025, 2026)

Conference proposal reviewer
- American Educational Research Association
  - Systematic Reviews & Meta-Analysis SIG (2021, 2023-2024, 2026)
  - Division D (2024, 2026)
- Society for Research on Educational Effectiveness (2023-2024)

Professional Memberships
Society for Research Synthesis Methodology, 2025-present
Society for Research on Educational Effectiveness, 2025-present
American Educational Research Association, 2017-present
American Psychological Association, 2025

University Service

Reviewer, Office of the Vice President for Research, Research & Creative Grants, 2025

Departmental Service

Graduate Studies Committee, 2024-Present