

Yan Jiang

Curriculum Vitae

Stanford Center on Early Childhood
520 Galvez Mall
Stanford, CA 94305

9172 Regents Rd
La Jolla, CA 92037
yannj@stanford.edu

EDUCATION

Ph.D. Department of Education Studies with a Specialization in Computational Social Science, University of California, San Diego, 2025

Dissertation: *Reimagining Conceptions of Quality in Early Care and Education in Diverse Societies: A Comparative Analysis Leveraging Computational Methods*

Committee: Amanda Datnow (co-chair), Alison Wishard Guerra (co-chair), Alan Daly, Margaret Roberts

M.A. Department of English Literature, Sichuan International Studies University, China, 2012

B.A. Department of Education, China West Normal University, China, 2009

PROFESSIONAL EXPERIENCE

2025-present Postdoctoral Scholar, Stanford Center on Early Childhood, Stanford University

PUBLICATIONS

Peer Reviewed Journal Articles & Book Chapters

In press Kim, S., Ko-Wong, L., & **Jiang, Y.** Critical race theory perspectives on bullying victimization of marginalized minorities. In M. Sapouna, R. A. Willems, & P. K. Smith (Eds.), *The Cambridge Handbook of Bias-Based Bullying*. Cambridge University Press.

2025 **Jiang, Y.**, Ko-Wong, L., & Valdovinos Gutierrez, I. The feasibility and comparability of using artificial intelligence for qualitative data analysis in equity-focused research. *Educational Researcher*, 54(3), 153-163.
<https://doi.org/10.3102/0013189X251314821>

2025 **Jiang, Y.**, Kaplan, B., & Ko-Wong, L. Does teacher talk matter too? A meta-analysis of partial correlations between teachers' language practices and children's language development from preschool to third grade. *Review of Educational Research*.
<https://doi.org/10.3102/00346543251339131>

- 2025 Hassani, A., Flores, M., Streuli, S., **Jiang, Y.**, Wishard Guerra, A., & Fielding-Miller, R. After mandates end: Complex decision making regarding COVID masking in San Diego elementary schools through the Social Ecological Model. *Journal of School Health*. <https://doi.org/10.1111/josh.70026>
- 2024 **Jiang, Y.**, Guerra, A. W., Cohen, S. R., Brown, T. T., Lin, N. T., Molgaard, M., & Iversen, J. Echoing parental scaffolding style in co-constructed narratives: Its impact on executive function development in diverse early school-age children. *Early Education and Development*, 35(6), 1335–1352. <https://doi.org/10.1080/10409289.2024.2360872>

Under Review

Datnow, A., **Jiang, Y.**, Diaz, J., Park, V. (under review). Tracing shifts in K–12 education research: A topic modeling analysis of publications from 1990-2023. *Educational Researcher*.

In Preparation

Jiang, Y. Toward an expanded conceptual model of early care and education quality: A computational analysis of 53 years of research.

Jiang, Y. The geography of knowledge: Investigating the global imbalance in early care and education quality research.

Jiang, Y. Navigating the “ideals”: A comparative case study of early educators’ sensemaking of quality in the United States and China.

FELLOWSHIPS & AWARDS

- 2025 Yankelovich Graduate Research Grant, UC San Diego
- 2025 Summer Scholars Fellowship, Department of Education Studies, UC San Diego
- 2024 Dissertation Research Funding Award, Society for Research in Child Development
- 2024 Honorable Mention, Edward A. Bouchet Graduate Honor Society
- 2024 International Institute Research Fellowship, UC San Diego
- 2024 Summer Graduate Teaching Scholars Fellowship, UC San Diego
- 2024, 2025 Diversity Fellowship, Department of Education Studies, UC San Diego
- 2024 Graduate Student Travel Award, American Educational Research Association
- 2023, 2024 GSPA Travel Grant Award, UC San Diego
- 2023 Friends of the International Center Fellowship, UC San Diego
- 2023, 2025 Graduate Student Travel Award, Society for Research in Child Development
- 2020 Summer Research Fellowship, Department of Education Studies, UC San Diego

TEACHING EXPERIENCE

University of California, San Diego, Sole Instructor

Cognitive Development and Education (Summer 2025)

Early Learning Environments for Diverse Learners (Summer 2024)

University of California, San Diego, Teaching Assistant

Introduction to Research Design and Quantitative Data Analysis (Winter 2022, doctoral course)

Advanced Quantitative Data Analysis (Spring 2022, doctoral course)

Early Childhood Policy: Contexts and Policies in Diverse Societies (Fall & Winter 2021)

Early Learning Environments for Diverse Learners (Spring & Fall 2021)

Cognitive Development and Education (Fall 2019, Winter & Spring 2020)

University of California, San Diego, Guest Lecturer

Early Childhood Teacher Language Practices (February 2025)

Systematic Review: Design and Implementation (January 2025)

Conducting Systematic Reviews: Methods and Best Practices (January 2024)

Mentored Students

Lily Hofstetter, Vanderbilt University (2023-2025)

Marla Carrillo and Caetano Geraci, San Diego Mesa College (Summer 2024)

Angline Estrada, UC San Diego (Summer 2023)

Evelyn Cho, UC San Diego (Summer 2022)

Yoosang Park, UC Berkeley (2021-2022)

CONFERENCE PRESENTATIONS AND PANELS

Panels Organized

2025 Graduate Student Council Division E Fireside Chat: Navigating your PhD program — Strategies for success at every stage, w/ Yi-Yun Tsai, American Educational Research Association Conference (AERA), Denver, CO.

2024 Graduate Student Council Division E Fireside Chat: Navigating the job market — A guide for graduate students, w/ Allison Fears, American Educational Research Association Conference (AERA), Philadelphia, PA.

Papers

2024 **Jiang, Y.,** Ko-Wong, L., Valdovinos, I. Can AI perform qualitative coding like human researchers? Application of GPT-3 in thematic analysis of qualitative data. American Educational Research Association Conference (AERA), Philadelphia, PA.

2024 **Jiang, Y.,** Ko-Wong, L., Kaplan, B. Does teacher talk matter too? A meta-analysis of partial correlations between teachers' language practices and children's language development from preschool to third grade. American Educational Research Association Conference (AERA), Philadelphia, PA.

- 2024 **Jiang, Y.**, Ko-Wong, L., Kaplan, B. Reevaluating research paradigms for early-childhood teacher language practices in global contexts: evidence from a meta-analysis and a call to the field. Comparative and International Education Society Conference (CIES), Miami, FL.
- 2024 Becerra Songolo, R., Wishard Guerra, A., Cohen S. R., Molgaard, M., **Jiang, Y.**, Li, H. Parental cognitive stimulation during an exploratory task: Understanding guided play through a sociocultural lens. American Educational Research Association Conference (AERA), Philadelphia, PA.
- 2023 **Jiang, Y.**, Guerra, A. W., Cohen S. R., Molgaard, M., Lin, N. Connecting home to school: Parents' use of evaluative devices and transitional-kindergarteners' social-emotional competence at school. American Educational Research Association Conference (AERA), Chicago, IL.
- 2023 **Jiang, Y.**, Guerra, A. W., Cohen S. R., Molgaard, M., Lin, N., Songolo, R., Li, H. Does child vocabulary mediate the relationship between parental sensitivity and child executive function? A mixed picture. Society for Research in Child Development (SRCD) Biennial Conference, Salt Lake City, UT.
- 2023 Molgaard, M., Wishard Guerra, A., Cohen S. R., **Jiang, Y.**, Lin, N. Colorblind or color-conscious: Parent responses to young children's inquiries of racial injustice. Society for Research in Child Development (SRCD) Biennial Conference, Salt Lake City, UT.
- 2022 Wishard Guerra, A., Cohen S. R., Molgaard, M., Lin, N., **Jiang, Y.** Understanding classroom language practices over time among socioculturally diverse young children in transitional kindergarten. American Educational Research Association Conference (AERA), San Diego, CA.

Posters

- 2025 **Jiang, Y.** The Geography of Knowledge: Investigating the global imbalance in early childhood education quality research. International Conference on the Science of Science and Innovation (ICSSI), Copenhagen, Denmark (unable to attend).
- 2025 **Jiang, Y.**, Carrillo, M., Hofstetter, L., Geraci, C. Mapping 53 years of research on early childhood education quality: A topic model analysis from 1970-2023. Society for Research in Child Development (SRCD) Biennial Conference, Minneapolis, MN.
- 2024 **Jiang, Y.**, Hogan, W., Diaz, J., Kennedy, B. C., Hofstetter, L. A Comparative NLP analysis of policymakers' and practitioners' perceptions of quality in California's universal prekindergarten initiative. 10th International Conference on Computational Social Science (IC²S²), Philadelphia, PA.
- 2024 **Jiang, Y.**, Ko-Wong, L., Kaplan, B. Does teachers' Instructional Support measured by CLASS associated with children's language development? Evidence from a meta-analysis. National Research Conference on Early Childhood (NRCEC), Washington, D.C.

- 2024 **Jiang, Y.**, Hofstetter, L., Diaz, J., Kennedy, B. C., Hogan, W. A comparative analysis of diverse stakeholders' perceptions of "quality" in California's universal prekindergarten initiative using text as data. National Research Conference on Early Childhood (NRCEC), Washington, D.C.
- 2024 Becerra Songolo, R., Wishard Guerra, A., Cohen S. R., Molgaard, M., **Jiang, Y.**, Li, H. Parent-child play interactions & their significance for educators' engagement with parents. International Congress for School Effectiveness and Improvement Conference (ICSEI), Dublin, Ireland.
- 2023 **Jiang, Y.**, Guerra, A. W., Cohen S. R., Molgaard, M., Lin, N. Parent-child language quality in three play activities and its relation to children's language development. Society for Research in Child Development (SRCD) Biennial Conference, Salt Lake City, UT.
- 2023 Li, H., Wishard Guerra, A., Cohen S. R., Molgaard, M., **Jiang, Y.**, Songolo, R. The association of parent mental health and use of negative discipline strategies. Society for Research in Child Development (SRCD) Biennial Conference, Salt Lake City, UT.
- 2022 **Jiang, Y.**, Guerra, A. W., Cohen S. R., Molgaard, M., Park, Y. Parent-child language quantity and complexity during play and its relation to children's language development. Society for Research in Child Development (SRCD) Featured Conference, St. Louis, MO.
- 2021 **Jiang, Y.**, Jackson, C., Wishard-Guerra, A. W., Cohen S. R. Co-constructed narratives: Association between parent reminiscing style and children's self-regulation. Society for Research in Child Development (SRCD) Biennial Conference (Virtual).
- 2021 Jackson, C., **Jiang, Y.**, Wishard Guerra, A., Cohen S. R. Parent scaffolding and child contribution in a co-constructed narrative. Society for Research in Child Development (SRCD) Biennial Conference (Virtual).

INVITED TALKS

- 2024 Strategies for sustaining motivation throughout your PhD journey, Comparative and International Education Society Conference, March 13.
- 2023 Teachers' language practices and young children's language development, San Diego Vista Unified School District, May 7.

RESEARCH EXPERIENCE

- 2025 Stanford Center on Early Childhood, Principal Investigator: Philip Fisher
Conduct secondary data analyses using existing national datasets from the RAPID survey project and the Childcare Development Fund (CCDF) to understand how families' and educators' experiences related to early care and education access have

been shifting, and how state-level child care assistance policies affected their experiences.

- 2022-2025 Center for Research on Educational Equity, Assessment & Teaching Excellence, Principal Investigator: Monica Sweet
Conducted analysis of state-level survey data for Computer Science Professional Development Week for Computer Science Teachers Association. Developed practitioner-oriented evaluation reports to inform program improvements.
- 2024-2025 International Research Partnership: Wellbeing Club for Refugee Youth in Uganda, Principal Investigator: Amy Bintliff
Served as quantitative data analysis consultant. Interpreted and visualized data for practitioner audiences and supported the development of peer-reviewed manuscripts.
- 2022-2023 The Safer at School Early Alert, Principal Investigator: Rebecca Fielding-Miller & Alison Wishard Guerra
Analyzed qualitative interview data on parent and child beliefs about COVID-19 and mask-wearing. Contributed to coding, thematic analysis, and interpretation of findings.
- 2020-2022 Research Practice Partnership (RPP) New Vistas Research Project, Principal Investigator: Alison Wishard Guerra
Analyzed audio and video data of home visits and parent-child interactions. Presented findings at academic conferences and led the writing of manuscripts for publication.
- 2020-2022 University of California, Office of The President, Principal Investigator: Alison Wishard Guerra & Shana R. Cohen
Supported the development of a cross-campus online course. Built course infrastructure in Canvas and designed innovative assessments, including interactive video quizzes.

PROFESSIONAL SERVICE

Journal and Conference Peer Reviewer

Early Childhood Research Quarterly, 2025

The Elementary School Journal, 2025

Journal of Transformative Education, 2025

American Educational Research Association Annual Conferences, 2022-2025

Comparative and International Education Society Conferences, 2023-2024

International Conference on Computational Social Science, 2024-2025

National Research Conference on Early Childhood, 2024

Society for Research in Child Development Biennial Conference (mentee reviewer), 2022

Early Childhood Research Quarterly (ad hoc with advisor), 2022

Service to the Field

Elected Student & Early Career Council Representative to the Development Committee, Society for Research in Child Development, 2025-2029

- Reviewer, SRCD SECC Dissertation Research Funding Awards, 2026

Graduate Student Representative, Graduate Student Council, American Educational Research Association, 2023-2025

- Co-Chair, Graduate Students Professional Development On-line Webinar: How to AERA — Denver (March 2025)
- Chair, Graduate Students Professional Development On-line Webinar: Grant Writing and Funding Opportunities (February 2025)
- Co-Chair, Graduate Students Professional Development On-line Webinar: Demystifying the Academic Job Market (January 2025)

Graduate Student Representative, Early Education & Child Development SIG, American Educational Research Association, 2024-2025

Finance co-chair, New Scholars Committee, Comparative and International Education Society, 2023-2024

University Service

Mentor, Graduate Pals for Graduate Students, UC San Diego, 2023-2024

Graduate student board member, Academic Integrity Review Board, UC San Diego, 2022-2023
Students with Dependents Committee, Graduate & Professional Student Association, UC San Diego, 2022-2023

Selected Community Service

Volunteer, Fay Elementary School, Fall 2022

Volunteer, Early Childhood Education Center, Winter 2020

Mentor, Save the Children & Inno Community Development Organization, China, 2020

Volunteer, Benchu Bilingual Family Child Care, China, 2019

ADDITIONAL PROFESSIONAL TRAINING

Write To Change The World and Connection Workshop, AERA Division E & OpEd Project (on-line), March 2025

Improving Evaluations of R&D in STEM Education, Larry Hedges & Eric Hedberg, Northwestern University, July 2024

Summer Graduate Teaching Scholars Program, UC San Diego, Winter 2024

Systematic Review & Meta Analysis, Joshua Polanin, University of Maryland (on-line), March 2022

Structural Equation Modeling, Gregory Hancock, University of Maryland (on-line), January 2022

PROFESSIONAL ASSOCIATIONS

American Educational Research Association, 2020-Present

Society for Research in Child Development, 2020-Present

Comparative and International Education Society, 2023-Present

International Society for Computational Social Science, 2024-Present

National Council on Measurement in Education, 2024-Present

PROGRAM LANGUAGES

R, Python, SPSS, Stata

LANGUAGES

English & Mandarin: Advanced reading, writing, speaking