

Carlos Chávez

Curriculum Vitae
February, 2024

Department of Educational Psychology

Email: chave143@umn.edu

Education Science Building

56 East River Road
Minneapolis, MN 55455

EDUCATION

University of Minnesota Twin Cities Ph.D. Educational Psychology Quantitative Methods in Education Concentration: Measurement	Sep 2020 - Present
University of Minnesota Twin Cities M.A. Educational Psychology Quantitative Methods in Education Concentration: Measurement	Awarded 2021
University of Minnesota Twin Cities B.S. Psychology Neuroscience Minor	Awarded 2017

PROFESSIONAL EXPERIENCE

Research & Evaluation Intern Minneapolis Public Schools Minneapolis, MN	2023 - 2024
Teaching Assistant EPSY 8264 – Advanced Multiple Regression Department of Educational Psychology University of Minnesota	Fall 2022
Psychometric Intern International Joint Commission on Allied Health Personnel in Ophthalmology Woodbury, MN	2022 – 2023
Graduate Research Assistant Search Institute Minneapolis, MN	2021 – 2022
Graduate Research Assistant Individual Growth & Development Indicators Lab Department of Educational Psychology University of Minnesota	2019 – 2023
Research Coordinator Berman Center for Clinical Outcomes Hennepin Healthcare Research Institute Minneapolis, MN	2015 – 2018
Graduate Research Assistant Minnesota Youth Development Research Group Department of Educational Psychology University of Minnesota	2016 – Present
Undergraduate Research Assistant Family Matters Lab Department of Family Medicine & Community Health University of Minnesota	2016 – 2017
Internship Abroad Instituto Provincial de Psiquiatría	2015

Hospital Gregorio Marañón
Madrid, SP

AWARDS

Creating Inclusive Cohorts Fellowship University of Minnesota Graduate School Award Amount = \$25,000	2018 – 2019
Accessible Teaching, Learning, and Assessment Systems Research Fellowship University of Kansas Award Amount = \$10,000 [Not funded]	2021
QME Student Leadership Award University of Minnesota Award Amount = \$100	2022
First Generation Institute Micro-grant Award University of Minnesota Award Amount = \$2,495	2022

PEER-REVIEWED PUBLICATIONS (n = 3)

3. Durán, L., Wackerle-Hollman, A., Miranda, A., **Chávez, C.**, Pentimonti, J., Zyskind, K., & Rodriguez M.C. (2022). The effect of language of instruction on Spanish and English oral language growth rates of bilingual preschoolers. Manuscript in press.
2. Wackerle-Hollman, A., Durán, L., Miranda, A., **Chávez, C.**, Rodriguez, M.C., & Medina N. (2021). Understanding how Language of Instruction Impacts Early Literacy Growth for Spanish Speaking Children. *School Psychology Review*.
1. Rios, J. A., Ihlenfeldt, S. D., & **Chávez, C.** (2020). Are test accommodations for English language learners on state accountability assessments supported by evidence of their effectiveness? A multi-study systematic review and meta-analysis. *Educational Measurement: Issues and Practice*.

MANUSCRIPTS UNDER REVIEW

1. Syversten, A., Scales, P., **Chávez, C.**, & Roehklepartain, G. (2023). Measurement of Youth Developmental Relationships: Validity Evidence and Conclusions. Manuscript under review.

MANUSCRIPTS IN PREPARATION

2. **Chávez C.**, Do T., & Rodriguez, M.C. (2024). Using Multilevel Polytomous Explanatory Item Response Models to Investigate Sense of Belonging in Graduate School. Manuscript in preparation.
1. **Chávez C.**, Wackerle-Hollman, A., Miranda, A., Rodriguez, M.C. (2022). Validity argument for the Spanish Home Activity and Language Environment Survey. Manuscript in preparation.

TECHNICAL REPORTS & OTHER PUBLICATIONS

1. Rodriguez, M. C., **Chavez, C.**, Do, T., Miranda, A., Palma, J., & Smith, M. (2020). The sociocultural contexts of learning: A literature review. <https://conservancy.umn.edu/bitstream/handle/11299/217178/Sociocultural-Contexts-of-Learning-MNYDRG-20201025.pdf?sequence=3>

BOOK CHAPTERS

1. Durán, L., **Chávez, C.**, Wackerle-Hollman, A., & Zyskind, K. (2022). The Education Status and Sociocultural Perspectives of Latinos. *Family Literacy Practices in Asian and Latinx Families: A Comparative Look*.

PEER-REVIEWED PRESENTATIONS (n = 25)

25. Medina, Y., Durán, L., Wackerle-Hollman, A., Miranda, A., **Chávez, C.**, Daza, T., & Zyskind, K. (2023, July 19-22). *Variability in Spanish Exposure and Performance on Spanish Language and Early Literacy Measures*. [Paper Presentation]. Society for the Scientific Study of Reading Conference. Port Douglas, AUS.
24. Zyskind, K., Medina, Y., Daza, T., Miranda, A., Durán, L., Wackerle-Hollman, A. & **Chávez, C.** (2023, July 19-22). *Developing Developmentally Appropriate Phonological Awareness Assessments for Spanish-Speaking Preschoolers in the U.S.* [Poster Presentation]. Society for the Scientific Study of Reading Conference. Port Douglas, AUS.
23. Wackerle-Hollman, A., Durán, L., Miranda, A., & **Chávez, C.** (2023, March 23-25). *Culturally Responsive Language and Early Literacy Assessment: IGDIs Español*. [Paper Symposium]. Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.
22. Miranda, A., **Chávez, C.**, Wackerle-Hollman, A., Zyskind, K., Medina, Y., & Durán, L. (2023, March 23-25). *Results of the Feasibility and Utility of an Early Literacy Assessment*. [Paper Symposium]. Society for Research in Child Development Biennial Meeting, Salt Lake City, UT.
21. Do, T., **Chávez, C.**, & Rodriguez, M. C. (2023, April 13-17). *Empirical Evidence to Support the Measurement of Sense of Belonging in Graduate Students*. [Paper Presentation]. American Education Research Association Annual Meeting, Chicago, IL.
20. **Chávez, C.**, Do, T., & Rodriguez, M. C. (2023, April 12-16). *Investigating Sense of Belonging in Graduate Students Using Explanatory Item Response Models*. [Poster Presentation]. National Council on Measurement in Education Annual Meeting, Chicago, IL.
19. **Chávez, C.**, Rodriguez, M. C., & Miranda, A. (2022, April 21-24). *A Cohort Change Model for Longitudinal Analysis of Anonymous Student Surveys*. [Paper Presentation]. National Council on Measurement in Education Annual Meeting, San Diego, CA.
18. **Chávez, C.**, Zyskind, K., Durán, L., & Wackerle-Hollman, A. (2022, February 10-12). *Convergent Validity Evidence for Spanish Early Language and Literacy Measures*. [Poster presentation]. Conference on Research Innovation in Early Intervention, San Diego, CA.
17. Wheatley, R., Zyskind, K., Durán L., **Chávez, C.**, & Wackerle-Hollman, A. (2022, February 10-12). *Exploring Home Literacy Environments for Spanish-Speaking Families*. [Poster presentation]. Conference on Research Innovation in Early Intervention, San Diego, CA.
16. Wheatley, R., Zyskind, K., Durán L., **Chávez, C.**, & Wackerle-Hollman, A. (2021, September 20-24). *Exploring Home Literacy Environments for Spanish-Speaking Families*. [Poster presentation]. Division for Early Childhood of the Council for Exceptional Children Annual Conference.
15. Wackerle-Hollman A., Durán L., Miranda, A., **Chávez, C.**, Morales, N., & Zyskind, K. (2021, September 20-24). *Assessing 3-year old Spanish language and early literacy skills*. [Poster presentation]. Division for Early Childhood of the Council for Exceptional Children Annual Conference.
14. Zyskind, K., **Chávez, C.**, Durán, L., Wheatley, R., & Wackerle-Hollman A. (2021, September 20-24). *Facilitating Early Literacy Development for Dual Language Learners*. [Panel Session]. Division for Early Childhood of the Council for Exceptional Children Annual Conference.

13. **Chávez, C.**, Wackerle-Hollman, A., Durán L., Miranda, A. (2021, April 7-9). *Caregiver Report of the Home Language Environments of Spanish-Speaking Children*. [Poster presentation]. Society for Research on Child Development Biennial Conference.
12. Durán, L., Wackerle-Hollman, A., **Chávez, C.** (2021, January 25-29). *Supporting the Home Literacy Practices of Spanish-Speaking Families*. [Conference session]. Division for Early Childhood of the Council for Exceptional Children Annual Conference.
11. **Chávez, C.**, Rodriguez, M.C., Do, T., Nickodem, K., Vue, K. (2020, April 16-20). *Estimation of multilevel reliability of social emotional learning measures* [Paper presentation]. National Council on Measurement in Education Annual Meeting, San Francisco, CA. (Conference canceled)
10. **Chávez, C.**, Rios, J., & Ihlenfeldt, S. (2020, April 16-20). *A systematic review of nationally available testing accommodations for English learners* [Paper presentation]. National Council on Measurement in Education Annual Meeting, San Francisco, CA. (Conference canceled)
9. Do, T., **Chávez, C.**, Rodriguez, M. C., Lamm, R., & Dosedel, M. (2020, April 17-21). *Sense of belonging: Measure construction and validation* [Paper presentation]. American Educational Research Association Annual Meeting, San Francisco, CA. (Conference canceled)
8. Lamm, R., Ihlenfeldt, S., & **Chávez, C.** (2020, April 17-21). *Measurement invariance of developmental skills and supports measures for transgender youth* [Paper presentation]. American Educational Research Association, San Francisco, CA. (Conference canceled)
7. **Chávez, C.**, Rodriguez, M.C., Smith, M., & Palma, J. (2020, April 17-21). *Somali student developmental skills, supports, and aspirations, given number of Somali students in a district* [Paper presentation]. American Educational Research Association Annual Meeting, San Francisco, CA. (Conference canceled)
6. Miranda, A., Duran, L. Wackerle-Hollman, A., Lopez L., & **Chávez, C.** (2020, February). *Look Who's Talking Now: Understanding how Language is used with Spanish-speaking preschoolers in the classroom environment* [Poster presentation]. Conference on Research Innovation in Early Intervention, San Diego, CA.
5. **Chávez, C.**, Rodriguez, M.C., Vue, K., Cabrera, J. (2019, April). *A Validity argument sensitivity analysis of social emotional learning measures with few items*. Paper presented at the annual meeting of the National Council on Measurement in Education, Toronto, Canada.
4. **Chávez, C.**, Rodriguez, M.C., & Do, T. (2019, April). *Racial and gender expression discrimination among high school students*. Paper presented at the annual meeting of the American Educational Research Association, Toronto, Canada.
3. Cabrera, J., Karl, S.R., **Chávez, C.**, & Rodriguez, M.C. (2018, April). *Investigating socioeconomic status proxies: is one proxy enough?* Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
2. Cabrera, J., Rodriguez, M.C., Karl, S., & **Chávez, C.** (2018, April). *In what ways do health behaviors impact academic performance, educational aspirations, and commitment to learning?* Paper presented at the annual meeting of the American Educational Research Association, New York, NY.
1. Nickodem, K., Van Boekel M., Kang, Y., **Chávez, C.**, & Rodriguez, M. C. (2018, April). *School and Community Sports Participation and Positive Youth Development: A Multilevel Analysis*. Paper presented at the annual meeting of the American Educational Research Association, New York, NY.

INVITED PRESENTATIONS

5. Nickodem, K., Wackerle-Hollman A., Abulela M., & **Chavez, C.** *Cultural Responsiveness is Fairness in Assessment Development*. Presented to the Research Ethics Week series, University of Minnesota, Minneapolis, MN.
4. **Chávez, C.** (2024, February 13). *Culturally Responsiveness in Educational and Psychological Assessment*. Invited Guest Lecture, University of Minnesota, Minneapolis, MN.
3. **Chávez, C.** (2023, February 14). *Social Contexts of Educational and Psychological Assessment*. Invited Guest Lecture, University of Minnesota, Minneapolis, MN.
2. **Chávez, C.** (2018, April 20). *Exploiting survey data for methodological and substantive lessons*. Presented to the CanAm Symposium, University of Minnesota, Minneapolis, MN.
1. **Chávez, C.** (2018, October 25). *Racial and Gender Expression Discrimination among High School Students*. Presented to the Career Readiness and Achievement Gap talk, University of Minnesota, Minneapolis, MN.

SERVICE

Public Service

Community Panelist	2019 - 2022
Minnesota Department of Education	
Bias & Sensitivity Review for	
Minnesota Comprehensive Assessments	

Professional Service and Development

NAEP Data Training Workshop	2020
National Assessment of Educational Progress	
Washington D.C.	
Statistical Consultant	2021
Washington County Department of Public	
Health and Environment	
Preparing for Careers in Teaching Statistics and Data	2022
Science Workshop	
Joint Statistical Meeting	
Washington D.C.	

Community Service & Outreach

Jazz Ensemble	2023 – Present
Minneapolis Technical and Community	
College	
Lead Mentor	2022
Nextgen Psych Scholars Program	
University of Minnesota	
Student Representative	2020 – 2022
Anti-Racist Action Committee	
Department of Educational Psychology	
University of Minnesota	
Big Brother	2017 – 2021
Big Brothers Big Sisters of Minnesota	
Graduate Student Volunteer	2018 – 2020
Diversity Day in Psychology	

Service to Professional Organizations

Conference Proposal Reviewer	2019 – Present
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National Council on Measurement in Education	
Conference Proposal Reviewer	2021
Classroom Assessment Conference	
National Council on Measurement in Education	
Student Representative	2022 – 2024
Jason Millman Early Career Scholarship Award	
National Council on Measurement in Education	
Manuscript Reviews	
Ad Hoc Reviewer	2019 – Present
<i>Educational Measurement: Issues and Practices</i>	
Invited Reviewer	2023
<i>Journal of Statistics and Data Science Education</i>	

PROFESSIONAL AFFILIATIONS

American Education Research Association	2018 – Present
Division D: Measurement and Research Methodology	
National Council on Measurement in Education	2018 – Present
American Statistical Association	2022 – Present