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Educational History

Ph.D. 1996, University of California, Los Angeles (UCLA)
Specialization: Research Methodology
Primary Advisors: 1992-1994 Professor Leigh Burstein
1994-1996 Professor Noreen Webb
Dissertation Title: A Multilevel Modeling Study of Opportunity To
Learn and Science Achievement

Employment Experience

2017 - Present Project Director and Senior Research Scientist, Center for the Study of
Evaluation, UCLA Graduate School of Education

2010 - 2017 Project Director and Senior Researcher, Center for the Study of
Evaluation, UCLA Graduate School of Education

2009 - 2010 Statistics Analyst, Civil Rights Project, UCLA Graduate School of
Education

2006 - 2009 Vice President of Research, Public Works, Inc., Pasadena, CA

2002 - 2006 Senior Researcher, Center for the Study of Evaluation, UCLA Graduate
School of Education

1997 - 2002 Assistant Director, Center for Global Health and Education, UCLA
International Studies and Oversea Programs

1998 – 2002 Research and Statistics Consultant, the World Health
Organization, Geneva, Switzerland

1997 – 1999 Research and Statistics Consultant, the World Bank,
Washington D. C.

1995 - 1997 Senior Statistician, Applied Management & Planning Group, Los Angeles

Employment Experience - Teaching

2009 Lecturer, *Linear Statistical Models*, UCLA Graduate School of Education

2008 Lecturer, *Linear Statistical Models* and *Introduction to Research Design
and Statistics*, UCLA Graduate School of Education

2007 Lecturer, *Experimental Design* and *Introduction to Research Design and
Statistics*, UCLA Graduate School of Education

- 2007 Part-time Faculty, *Introduction to Research and Statistics*, CSUN Graduate School of Education
- 2006 Lecturer, *Survey Research*, UCLA Graduate School of Education
- 2001 Lecturer, *Survey Research*, UCLA Graduate School of Education
- 1999 Lecturer, *Introduction to Research*, California State University, Long Beach, Department of Occupational Studies

PUBLICATIONS (IN CHRONOLOGICAL ORDER)

Journal Articles

- Wang, J.**, Schweig, J., & Herman, J. (2017). Is there a magnet school effect? A Multisite Study of MSAP-Funded Magnet Schools. *Journal of Education for Students Placed at Risk*, 22(2), 1–23
- Frankenberg, E., Siegel-Hawley, G., **Wang, J.** (2010). *Choice without Equity: Charter School Segregation*. Los Angeles, CA: The Civil Rights Project/Proyecto Derechos Civiles at UCLA; www.civilrightsproject.ucla.edu. Education policy analysis archives
- Niemi, D., **Wang, J.**, Steinberg, D., Baker, E. L., & Wang, H. (2007). Instructional sensitivity of a complex language arts performance assessment. *Educational Assessment*, 12(3&4), 215-237.
- Or, Z., Wang, J., & Jamison, D. T. (2005). Measuring efficiency of health production: A multilevel analysis of OECD countries. *Journal of Health Economics*, 24, 531-560.
- Wang, J.** & Goldschmidt, P. (2003). “How important is middle school course taking on students' high school mathematics achievement?” *Journal of Educational Research*, 93 (2), 101-112.
- Goldschmidt, P. & **Wang, J.** (1999). “When can schools affect dropout behavior: A longitudinal multilevel analysis.” *American Educational Research Journal*, 36 (4), 715-738.
- Wang, J.** & Goldschmidt, P. (1999). “Opportunities to learn, language proficiency, and immigrant status: Determinants of middle school students' mathematics achievement and growth.” *Journal of Educational Research*, 93 (2), 101-112.
- Measham, A., Rao, K., Jamison, D., **Wang, J.**, & Singh, A. (1999). “Reducing infant mortality and fertility, 1975-90: Performance at all-India and state levels.” *Economic and Political Weekly*, 34 (20), 1359-1367.
- Wang, J.** (1998). “Opportunity to learn: The impacts and policy implications.” *Educational Evaluation and Policy Analysis*, 20 (3), 137-156.
- Wang, J.**, Jamison, D. T., Bos, E., & Vu, M. T. (1997). “Poverty and mortality among the elderly: Measurements of performance in 33 countries, 1960-92.” *Tropical Medicine and International Health*, 2 (10), 1001-1010.

Jamison, D. T., **Wang, J.**, Hill, K., & Londono, J. L. (1996). "Income, mortality and fertility in Latin America: Country-level performance, 1960-90." *Analisis Economico*, 11 (2), 219-261.

Books, Monographs, Chapters

Wang, J., & Herman, J. (2017). Magnet schools: History, description, and effects. In R. Fox & N. Buchanan (Eds.), *Handbook of School Choice* (pp. 158-179). New York, NY: John Wiley and Sons.

Jamison, D. T., Lau, L. J., & **Wang, J.** (2010). "The contribution of health and education to economic growth in China." In *Investing in Human Capital for Economic Development in China*, edited by Gordon G. Liu, Shufang Zhang, and Zongyi Zhang, 19-41. Hackensack, NJ: the World Scientific Publishing Co.

Baker, E. L., Aguirre-Muñoz, Z., **Wang, J.**, & Niemi, D. (2005). Assessment strategies. In *What works in distance learning: Guidelines*, edited by H. F. O'Neil, 65-88. Greenwich, CT: Information Age Publishing Inc.

Wang, J. & Jamison, D. T. (2003). "Health and Education." In *Encyclopedia of Education*, Second Edition, edited by James W. Guthrie, 998-999. New York: Macmillan Reference USA 2003.

Wang, J., Jamison, D. T., Bos, E., Preker, A., & Peabody, J. (1999). *Measuring Country Performance on Health: Selected Indicators for 115 Countries*. ISBN 0-8213-4409-9. Health, Nutrition and Population Technical Series. The World Bank, Washington, D.C.

Wang, J., Goldschmidt, P., & Jamison, D. (1999). "Immigrant Status, language Proficiency, and Opportunities to Learn: Determinants of Mathematics Achievement of Pacific Rim students in California." In *Comparative Perspectives on Language and Literacy* (Leslie Limage, editor). UNESCO, Dakar.

Jamison, D. T., Lau, L. J., & **Wang, J.** (1998). "Health's contribution to economic growth, 1965-90." In Jamison, D. T. (Ed.), *Health, Health Policy, and Economic Outcome*, pp. 61-80. Final report to the World Health Organization Transition Team, August 1998.

Technical Reports

Herman, J., La Torre, D., Epstein, S., **Wang, J.** (2016). Benchmarks for Deeper Learning on Next Generation Tests: A Study of PISA. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 855.

Herman, J., Matrondola, D. L. T., **Wang, J.** (2015). On the Road to Assessing Deeper Learning: What Direction Do Test Blueprints Provide? National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 849.

Wang, J., Schweig, J., & Herman, J. (2014). Is There A Magnet School Effect? Using Meta-analysis To Explore Variation In Magnet School Success. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 843.

Rickles, J., Hansen, M., & **Wang, J.** (2013). Treatment Confounded Missingness: A

Comparison of Methods for Addressing Censored or Truncated Data in School Reform Evaluations. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 832.

- Wang, J.**, Schweig, J., Griffin, N., Baldanza, Rivera, N. M., & Hsu, V.. (2013). Inspiring Minds Through a Professional Alliance of Community Teachers (IMPACT): Evaluation Results of the Cohort 1 Math and Science Apprentice Teachers. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 826.
- Rickles, J., **Wang, J.**, & Herman, J.. (2013). Evaluation of Green Dot's Locke Transformation Project: Supplemental Report on Cohort 2 Students. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 825.
- Herman, J., **Wang, J.**, Ong, C., Straubhaar, R., Schweig, J., & Hsu, V.. (2013). Evaluation of Green Dot's Locke Transformation Project: From the Perspective of Teachers and Administrators. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 824.
- Herman, J., Buschang, R., Matrondola, D. L. T., **Wang, J.** (2013). Assessment for Deeper Learning in CCSS: Progress Report on the Status of Smarter Balanced and PARCC Assessment Consortia. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 851.
- Huang, D. & **Wang, J.** (2012). Independent Statewide Evaluation of ASES and 21st CCLC After School Programs: May 1, 2008-December 31, 2011.
<http://www.cde.ca.gov/ls/ba/cp/uclaeval.asp>
- Huang, D., **Wang, J.**, & the CRESST Team. (2012). Independent Statewide Evaluation of High School After School Programs: May 1, 2008-December 31, 2011.
<http://www.cde.ca.gov/ls/ba/cp/uclaeval.asp>
- Herman, J., **Wang, J.**, Rickles, J., Hsu, V., Monroe, S., Leon, S., & Straubhaar, R.. (2012). Evaluation of Green Dot's Locke Transformation Project: Findings for Cohorts 1 & 2 Students. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 815.
- Herman, J., Rickles, J., Hansen, M., Thomas, L, Gualpa, A, & **Wang, J.** (2011). Evaluation of Green Dot Locke Transformation Project: Findings from the 2007-08, 2008-09, and 2009-10 School Years. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 799.
- Frankenberg, E., Siegel-Hawley, G., **Wang, J.** (2010). *Choice without Equity: Charter School Segregation and the Need for Civil Rights Standards*. Los Angeles, CA: The Civil Rights Project/Proyecto Derechos Civiles at UCLA; www.civilrightsproject.ucla.edu.
- Rahn, M., O'Driscoll, P., **Wang, J.**, Chen, A., Bozeman, V., Smith, M., Butler, M., Phelps, S., Carter, A., & Villanueva, V. (2009). California Mathematics & Science Partnership (CaMSP) Statewide Evaluation: Year Four Report. Public Works, Inc., Pasadena, CA.
- Rahn, M., O'Driscoll, P., **Wang, J.**, Smith, M., Chen, A., Butler, M., Phelps, S., Carter, A., & Villanueva, V. (2008). California Mathematics & Science Partnership (CaMSP) Statewide Evaluation: Year Three Report. Public Works, Inc., Pasadena, CA.

- Rahn, M., **Wang, J.**, Villanueva, V., Chen, A., Butler, M., Phelps, S., O'Driscoll, P., & Smith, M. (2007). California Mathematics & Science Partnership (CaMSP) Statewide Evaluation: Year Two Report. Public Works, Inc., Pasadena, CA.
- Wang, J.**, Niemi, D., & Wang, H. (2007). Predictive Validity and Relative Fairness of Language Arts Performance Assessments. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 729.
- Niemi, D., **Wang, J.**, Wang, H., Vallone, J., & Griffin, N. (2007). Recommendations for Building a Valid Benchmark Assessment System: Second Report to the Jackson Public Schools. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 724.
- Niemi, D., **Wang, J.**, Vallone, J., & Griffin, N. (2007). Recommendations for Building a Valid Benchmark Assessment System: Interim Report to the Jackson Public Schools. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 723.
- Wang, J.**, Niemi, D., & Wang, H. (2007). Impact of Different Performance Assessment Cut Scores on Student Promotion. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 719.
- Chen, E., Niemi, D. & **Wang, H.** (2007). Examining the Generalizability of Direct Writing Assessment Tasks. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 718.
- Wang, J.**, Niemi, D. & Wang, H. (2007). Should Grade Retention Decisions Be Indicators-based or Model-driven? National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 716.
- Wang, J.**, & Wang, H. (2007). Should Grade Retention Decisions Be Indicators-based or Model-driven? National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 716.
- Wang, J.**, & Herman, J. (2006). Evaluation of Seeds of Science/Toots of Reading Project: Shoreline Science and Terrarium Investigation. National Center for Research on Evaluation, Standards, and Student Testing (CRESST), UCLA, Technical Report 676.
- Jamison, D. T., Sandbu, M., & **Wang, J.** (2001). "Cross-country variation in mortality decline, 1962-87: The role of country-specific technical progress." Background Paper for Working Group 1, WHO Commission on Macroeconomics and Health.
- Jamison, D. T., Saches, J., & **Wang, J.** (2001). "Mortality changes and economic welfare in sub-Saharan Africa, 1960-2000." Background Paper for Working Group 1, WHO Commission on Macroeconomics and Health.

Technical Reports Contribution

The World Health Report 1999: Making a difference. Geneva, Switzerland.

Conference Proceedings

- Vendlinski, T., Niemi, D., & **Wang, J.** (2005). Learning About Assessment by Designing Assessments. Proceedings of the Society for Information Technology & Teacher Education International Conference, Phoenix, AZ, 228-234.
- Vendlinski, T.P., Niemi, D.M., **Wang, J.**, & Monempour, S. (2005). Improving Formative Assessment Practice with Educational Information Technology. In F. Malpica, F. Welsch, A. Tremante, & J. Lawler (Eds.), *The 3rd International Conference on Education and Information Systems: Technologies and Applications: Vol. 1* (pp. 361 - 366). Orlando, FL: International Institute of Informatics and Systematics.

Conference Presentations

- Jiang, Y.Ho., **Wang, J.**, Yau, J.Y.P., Bonner, P. J., Bruce, T. S., & Barsh, R. C. (2017). A Cross-Cultural Study of Relationships Between Epistemological Beliefs and Self-Regulated Learning Strategies. Paper presented at the 2017 AERA Annual Meeting, San Antonio, TX.
- Wang, J.**, Schweig, J., & Herman, J.. (2015). Is There A Magnet School Effect? Using Meta-analysis To Explore Variation In Magnet School Success. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Wang, J.** & Rickles, J. (2012). How Are After Schools Working in High Schools? Paper presented at the annual meeting of the American Educational Research Association, Vancouver, Canada.
- Herman, J., **Wang, J.** & Rickles, J. (2012). An Evaluation of a Turnaround Charter School. Paper presented at the annual meeting of the American Educational Research Association, Vancouver, Canada.
- Wang, J.**, Rahn, M. & Chen, A. (2007). An Evaluation of the California Mathematics and Science Partnerships. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Wang, J.**, & Wu, K. (2007). A Study of Grade 3 Students in Honduras: From the Perspectives of Students, Teachers, and Principals. Paper presented at the annual meeting of the American Educational Research Association, Chicago, IL.
- Wang, J.** & Vendlinski, T. (2006). Online Assessment within an Ontological Framework. Paper presented at the annual meeting of the American Educational Research Association, San Francisco, California.
- Wang, J.**, Wang, H., & Niemi, D. (2005). Long-term Predictive Validity and Relative Fairness. Paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.
- Niemi, D., **Wang, J.**, Wang, H., & Baker, E. (2005). Instructional Sensitivity of a Standards-based Writing Assessment. Paper presented at the annual meeting of the American Educational Research Association, Montreal, Canada.

- Wang, J.**, De Vries, L., Lee, J., & Niemi, D. (2005). Demonstration of ADDS. In B. Sloane (Chair), Computer-guided assessment design and delivery: Two demonstrations. Symposium conducted at the annual meeting of the American Educational Research Association, Montreal, Canada.
- Niemi, D. & **Wang, J.** (2005). Assessment Objects for Domain Independent and Domain Specific Assessment. In J. Bransford (Chair), Computer-guided assessment design and delivery: Two demonstrations. Symposium conducted at the annual meeting of the American Educational Research Association, Montreal, Canada.
- Wang, J.**, Wang, H., & Niemi, D. (2004). Should grade retention decisions be indicators-based or model-driven? Paper prepared for presentation at the Annual Meeting of American Education Research Association, San Diego, CA, April 12-16, 2004.
- Wang, J.**, Niemi, D., Goldschmidt, P., & Wang, H. (2004). English Language Arts Performance Assessment: Its fairness and predictive validity. Paper prepared for presentation at the Annual Meeting of American Education Research Association, San Diego, CA, April 12-16, 2004.
- Jamison, D. T. & **Wang, J.** (2001). 'Ranking countries on bias against females, 1962-1987: Measure based on life expectancy differentials.' Paper prepared for presentation at the Annual Conference of the Global Health Council at Washington, D.C., May 29 to June 1, 2001.
- Goldschmidt, P. & **Wang, J.** (2001). "An international comparative study of educational inputs and outputs: Moving past effective towards efficient." Paper prepared for presentation at the Annual Meeting of American Education Research Association, Seattle, WA, April 10-14, 2001.
- Wang, J.** & Goldschmidt, P. (2000). 'How important is previous course taking on students' later mathematics achievement?' Paper presented at the Annual Meeting of American Education Research Association, New Orleans, LA, April 24-28, 2000.
- Goldschmidt, P. & **Wang, J.** (1999). "An international comparative study of educational inputs and outputs: Rethinking national rankings." Paper prepared for presentation at the Annual Meeting of the Comparative and International Education Society, in Provo, Utah, October 21-23, 1999.
- Jamison, D. T. & **Wang, J.** (1999). "Education inequity as a determinant of shortfalls in female life expectancy: A cross-country comparative analysis for the period of 1962-1987." Paper prepared for presentation at the Annual Meeting of the Comparative and International Education Society, in Provo, Utah, October 21-23, 1999.
- Jamison, D. T. & **Wang, J.** (1999). "Income, education, and health performance: A cross-national comparative study." Presented at the 2nd International Health Economic Association Conference, June 6-9, 1999, Rotterdam.
- Wang, J.**, Goldschmidt, P., & Jamison, D. T. (1998). "Immigrant status, language proficiency and opportunity to learn: Determinants of the mathematics achievement of Pacific Rim students in California." Paper presented at the 10th World Congress of Comparative Education Societies, Cape Town, South Africa, July 12-17, 1998.

- Wang, J.** & Jamison, D. T. (1998). "Regression residuals as performance measures: An assessment of robustness in the content of country-level data." Paper presented at the Annual Meeting of American Education Research Association, San Diego, CA.
- Wang, J.** & Jamison, D. T. (1997). "Cross-nation comparison on their health performance and the related methodological issues." Paper presented at the First Global Forum for Health Research, the World Health Organization, Geneva, 1997
- Wang, J.** & Jamison, D. T. (1997). "Education and income as determinants of mortality and fertility: Regional and temporal variation in Effects." Paper presented at the Annual Meeting of Comparative and International Education Society, Mexico City, 1997.
- Wang, J.** (1996). "A multilevel modeling study of opportunity to learn and science achievement." Paper presented at the Annual Meeting of American Education Research Association, New York, NY, 1996.
- Jo, B., **Wang, J.**, & Graham, S. (1995). "Race, class, and achievement: The influence of locus of control and self-concept." Paper presented at the Annual Meeting of American Education Research Association, San Francisco, CA, 1995.
- Winters, L., Burstein, L., Ang, A., Jo, B., **Wang, J.**, & Leonard, J. (1994). "What do we know about opportunity to learn: Tracking the technical terrain." Paper presented at the Annual Meeting of the National Center for Research on Evaluation, Standards, and Student Testing, Los Angeles, CA, 1994.