

Karina G. Diaz

Consortium for Policy Research in Education,
University of Pennsylvania Graduate School of Education
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EDUCATION

Teachers College, Columbia University

Ph.D. Measurement, Evaluation, & Statistics 2021

Dissertation: *Multiple Imputation for Handling Missing Data of Covariates in Meta-regression*

Committee: *Elizabeth Tipton (chair), Bryan Keller, James Corter*

M.A. Economics and Education 2016

Universidad de Chile

M.S. Industrial Engineering (*Highest Distinction Achievement recipient*) 2012

B.S. Industrial Engineering 2010

FELLOWSHIPS & AWARDS

H.M. Walker Scholarship

Teachers College, Columbia University 2019 - 2020

Graduate Assistant Scholarship

Teachers College, Columbia University 2017 - 2020

Chilean National Scholarship Program for Graduate Studies – PhD. Studies

CONICYT, Chile 2017 - 2021

Education Pioneers Graduate School Fellowship

Charter Schools Institute, The State University of New York Summer 2015

Teachers College Scholarship

Teachers College, Columbia University 2014 - 2015

Chilean National Scholarship Program for Graduate Studies – M.A. Studies

CONICYT, Chile 2014 - 2016

RESEARCH & PROFESSIONAL EXPERIENCE

CPRE at the University of Pennsylvania Graduate School of Education

Research Specialist 2021 - Present

STEEP Center at the Institute for Policy Research, Northwestern University

Graduate Research Assistant 2020 - 2021

Center for Technology and School Change, Teachers College, Columbia University

Graduate Research Assistant 2017 - 2021

Center for Advanced Research in Education, Universidad de Chile

Research Assistant 2017 - 2020

DEMRE, Universidad de Chile

Researcher at Analysis and Development Department

2016 - 2017

Universidad de Las Americas

Director of Content Development, School of Engineering and Business

2012 - 2014

PUBLICATIONS

Perez Mejias, P., McAllister, D.E., **Diaz, K.G.**, & Ravest, J. A Longitudinal Study of the Gender Gap in Mathematics Achievement: Evidence from Chile. *Educational Studies in Mathematics*. <https://doi.org/10.1007/s10649-021-10052-1> 2021

Schauer, J. M., **Diaz, K.G.**, Pigott, T. D., & Lee, J. Exploratory Analyses for Missing Data in Meta-Analyses: A Tutorial. *Alcohol and Alcoholism*, agaa144. <https://doi.org/10.1093/alcalc/agaa144> 2021

Araya, R., & **Diaz, K.** Implementing Government Elementary Math Exercises Online: Positive Effects Found in RCT under Social Turmoil in Chile. *Education Sciences*, 10(9), 244. <https://doi.org/10.3390/educsci10090244> 2020

Diaz Yanez, K., Ravest Tropa, J., & Queupil Quilamán, J. (2019). Gender Gap in University Admission Test in Chile: What is Happening at the Top and Bottom of the Test Score Distribution? *Pensamiento Educativo. Revista de Investigación Educativa Latinoamericana*, 56(1), 1-19. <https://doi.org/10.7764/pel.56.1.2019.5> 2019

PAPERS IN PROGRESS

Hedges, L.V., Tipton, E., Zejnullahi, R., & **Diaz, K.G.** Adjusting for covariates with the standardized mean difference effect size. *Psychological Methods*. Under Review

Schauer, J. M., Lee, J., **Diaz, K.G.**, & Pigott, T. D. On the bias of complete- and available-case meta- regressions with missing covariates. *Research Synthesis Methods*. Under Review

CONFERENCE PRESENTATIONS & INVITED TALKS

Mejias, P. & **Diaz, K. G.** *A Multi-group Latent Growth Model of the Gender Gap in Math Achievement: Evidence from Chile*. Paper presented at the American Educational Research Association Annual Meeting, Toronto, Canada. 2019

Diaz, K.G. *Evolution and effects of gender gaps in the higher education transition*. Invited talk at Equity and Inclusion of Students in Higher Education Seminar hosted by Pontificia Universidad Católica de Valparaíso, Viña del Mar, Chile. 2018

Diaz, K.G. & Ravest, J. *Measuring Competencies over Curricular Contents. Factors Related to Outcomes in Standardized Test in Chile*. Presented at the American Educational Research Association Annual Meeting, New York, NY. 2018

Diaz, K.G. & Ravest, J. *Relationships between gender gap in academic performance and measures of gender equality: Evidence from Chile*. Paper presented at the Comparative and International Education Society, 62nd Annual Conference, Mexico City, Mexico. 2018

- Diaz, K.G.** & Bianchetti, R. *Teacher Formation and Certification in Chile: Perpetuating Inequality?* Presented at the Comparative and International Education Society, 61st Annual Conference, Atlanta, GA. 2017
- Diaz, K.G.** *Equity and Retention in Higher Education*. Invited talk at Certificate Program in Higher Education for Institutional Management dictated by Pontificia Universidad Católica de Chile, Santiago, Chile. 2017
- Diaz, K.G.**, Araya, R. & Gormaz, R. *Gender gap in SIMCE 4th grade results. Narrowing the gap at the top and bottom ends of the distribution?* Presented at the IV Interdisciplinary Conference of Research in Education (CIIE), Santiago, Chile. 2017

TEACHING

Instructor

Economics I

School of Engineering and Business, Universidad de las Americas 2012 - 2014

Teaching Assistant

Applied Regression Analysis

Human Development Department, Teachers College, Columbia University Fall 2018

Psychological Measurement

Human Development Department, Teachers College, Columbia University Fall 2018

Economics

School of Engineering, Universidad de Chile 2010 - 2011

LEADERSHIP & SERVICE

Volunteer Mentorship

Fundación Mercator

Leadership academy mentor and volunteer coordinator 2009 - 2012

Universidad de Chile

STEM tutor for middle and high school students 2006 - 2012

Professional Service

Chilean Education Researchers Network (RIECH)

Global committee coordinator - Annual RIECH meeting at AERA, Toronto, Canada 2018 - 2019

Journal Referee Service

Pensamiento Educativo, Latin American Educational Research Journal

Professional Society Membership

American Education Research Association (AERA)
Chilean Education Researchers Network (RIECH)

LANGUAGE & TECHNICAL SKILLS

Spanish: native speaker.

Proficient in HLM, R, SPSS, Mplus, and SAS Database analysis; Matlab engineering software.