

Karina G. Diaz

Institute for Policy Research, Northwestern University
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Evanston, IL 60208

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EDUCATION

Teachers College, Columbia University

Ph.D. Measurement, Evaluation, & Statistics

Dissertation: *Multiple Imputation for Handling Missing Data of Covariates in Meta-regression* (expected) 2021
Committee: *Elizabeth Tipton (chair), Bryan Keller, Young-Sun Lee*

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

STEEP Center at the Institute for Policy Research, Northwestern University

Graduate Research Assistant

2020 - Present

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

Graduate Research Assistant

2017 - Present

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

PUBLICATIONS

- 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 Tropea, 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., **Diaz, K.G.**, & Pigott, T. D. Exploratory analyses for missing data in meta-analyses. *Alcohol and Alcoholism*. Under Review
- Perez Mejias, P., McAllister, D., **Diaz, K.G.**, & Ravest Tropea, J. A Longitudinal Study of the Gender Gap in Math: Evidence from Chile. *Educational Studies in Mathematics*. Under Review
- Schauer, J. M., **Diaz, K.G.**, Lee, J., & Pigott, T. D. On the bias of complete- and available-case meta- regressions with missing covariates. In Preparation

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.