

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 and Applied Statistics

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

Committee: Elizabeth Tipton, Bryan Keller, Young-Sun Lee

2021
(expected)

M.A. Economics and Education

2016

Universidad de Chile

M.S. Industrial Engineer (*Highest Distinction Achievement recipient*)

2012

B.S. Industrial Engineer

2010

FELLOWSHIPS & AWARDS

H.M. Walker Scholarship

Teachers College, Columbia University

2019 - 2020

Grant Graduate Assistantship

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

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

Universidad de Las Americas

Director of Content Development, School of Engineering and Business

2012 - 2014

PUBLICATIONS

Araya, R., & **Diaz, K.** (2020). 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>

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 Educacional Latinoamericana*, 56(1), 1-19.

<https://doi.org/10.7764/pel.56.1.2019.5>

PAPERS IN PROGRESS

Hedges, L.V., Tipton, E., Zejnullahi, R., & **Diaz, K.G.** (in preparation-). Adjusting for covariates with the standardized mean difference effect size.

Schauer, J. M., **Diaz, K.G.**, Lee, J., & Pigott, T. D. (in preparation-). On the bias of complete- and available-case meta- regressions with missing covariates.

Schauer, J. M., **Diaz, K.G.**, & Pigott, T. D. (under review-). Exploratory analyses for missing data in meta-analyses. *Alcohol and Alcoholism*.

Perez Mejias, P., McAllister, D., **Diaz, K.G.**, & Ravest Tropa, J. (under review-). A Longitudinal Study of the Gender Gap in Math: Evidence from Chile. *Educational Studies in Mathematics*.

CONFERENCE PRESENTATIONS & INVITED TALKS

Mejias, P. & **Diaz, K. G.** (2019). *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.

Diaz, K.G. (2018). *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 Catolica de Valparaiso, Vina del Mar, Chile.

Diaz, K.G. & Ravest, J. (2018). *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.

Diaz, K.G. & Ravest, J. (2018). *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.

Diaz, K.G. & Bianchetti, R. (2017). *Teacher Formation and Certification in Chile: Perpetuating Inequality?* Presented at the Comparative and International Education Society, 61st Annual Conference, Atlanta, GA.

Diaz, K.G. (2017). *Equity and Retention in Higher Education*. Invited talk at Certificate Program in Higher Education for Institutional Management dictated by Pontificia Universidad Catolica de Chile, Santiago, Chile.

Diaz, K.G., Araya, R. & Gormaz, R. (2017). *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.

TEACHING

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

Professional Society Membership

American Education Research Association (AERA)

Chilean Education Researchers Network (RIECH)

LANGUAGE & TECHNICAL SKILLS

Spanish: native speaker.

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