

Karina G. Diaz-Yanez

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Education

TEACHERS COLLEGE, COLUMBIA UNIVERSITY Ph.D. Candidate Measurement, Evaluation and Applied Statistics	Present
TEACHERS COLLEGE, COLUMBIA UNIVERSITY M.A. Economics and Education	2016
UNIVERSIDAD DE CHILE M.S. Industrial Engineer (Highest Distinction Achievement recipient)	2012
B.S. Industrial Engineer	2010

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 Researcher 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 Educativa Latinoamericana*, 56(1), 1-19.
<https://doi.org/10.7764/pel.56.1.2019.5>

Papers in Progress

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

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

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

Talks

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

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

Project Evaluation

School of Engineering, Universidad de Chile

2010 - 2011

Honors & Awards

Graduate Fellowship

Teachers College, Columbia University

2017 - 2020

Chilean National Scholarship Program for Graduate Studies – PhD. Studies

CONICYT, CHILE

2017 - 2021

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

CONICYT, CHILE

2014 - 2016

Volunteer Work

FUNDACIÓN MERCATOR

Volunteer Coordinator

2009 - 2012

Language and Technical Skills

Spanish: native speaker.

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