

# Karina G. Diaz

Institute for Policy Research, Northwestern University  
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## EDUCATION

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### 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

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### 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

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### 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

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Schauer, J. M., **Diaz, K.G.**, & Pigott, T. D. Exploratory analyses for missing data in meta-analyses. Forthcoming in *Alcohol and Alcoholism*. In Press

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 Educacional Latinoamericana*, 56(1), 1-19. <https://doi.org/10.7764/pel.56.1.2019.5> 2019

## PAPERS IN PROGRESS

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

Perez Mejias, P., McAllister, D., **Diaz, K.G.**, & Ravest Tropa, 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

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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, 62<sup>nd</sup> 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, 61<sup>st</sup> 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 4<sup>th</sup> 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

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### *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

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### *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

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Spanish: native speaker.

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