**Karina G. Diaz**

Consortium for Policy Research in Education,

University of Pennsylvania Graduate School of Education

3440 Market St, Suite 560

Philadelphia, PA 19104

🖂 [kgdiaz@upenn.edu](mailto:kgdiaz@upenn.edu) | 🖳 [www.kgdiaz.com](http://www.kgdiaz.com)

|  |  |  |
| --- | --- | --- |
| EDUCATION | | |
| **Teachers College, Columbia University**  Ph.D. Measurement, Evaluation, & Statistics  Dissertation: *Multiple Imputation for Handling Missing Data of Covariates in Meta-regression*  Committee: *Elizabeth Tipton (chair), Bryan Keller, James Corter* | | 2021 |
| M.A. Economics and Education | 2016 | |
| **Universidad de Chile**  M.S. Industrial Engineering (*Highest Distinction Achievement recipient)*  B.S. Industrial Engineering | 2012  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 Educacional 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. |  |