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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)*  B.S. Industrial Engineer | 2012  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 UNIVERISTY**  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 | |
| ***Journal Referee Service*** |  | |
| *Pensamiento Educativo (PEL), Journal of Latin American Educational Research* |  | |
| ***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. |  | |