

EUGENIO J. GONZALEZ, PH.D.

TIMSS and PIRLS International Study Center
Boston College
United States
Phone: +1-(609) 742-0707
e-mail: gonzalee@bc.edu

EDUCATION

- 1989 – 1994 Boston College. School of Education. Department of Educational Research, Measurement, and Evaluation. Chestnut Hill, MA. Degree obtained: PhD (1994)
Dissertation: Obtaining IRT ability estimates for extreme scorers when using MLE procedures, Chair: Albert E. Beaton.
- 1981 – 1986 Universidad Catolica Andres Bello. Caracas, Venezuela. School of Psychology.
Degree obtained: License in Psychology (1986)

PROFESSIONAL EXPERIENCE

- 2024 – pres. Senior Research Director. Statistics, Psychometrics and Assessment Innovations. Boston College, Chestnut Hill, MA
- 2017 – pres. Large-scale Assessments in Education Journal (Editor in Chief)
- 2007 – pres. Senior Statistics and Psychometrics Advisor. International Association for the Evaluation of Educational Achievement. Hamburg, Germany.
- 2023 - 2024 PIAAC Cycle 2 International Survey Director. Center for Global Assessments. Educational Testing Service. Princeton, NJ.
- 2022 – 2024 PISA 2022 International Survey Director. Center for Global Assessments. Educational Testing Service, Princeton, NJ.
- 2007 – 2023 Director IEA/ETS Research Institute.
- 2015 – 2024 Principal Research Project Manager. Center for Global Assessment. Educational Testing Service, Princeton, NJ.
- 2012 – 2015 Strategic Advisor. Center for Global Assessment, Educational Testing Service, Princeton, NJ.
- 2007 - 2012 Program Administrator Lead. Center for Global Assessment, Educational Testing Service, Princeton, NJ.
- 2007 - 2012 Research and Analysis Unit, Unit Head. International Association for the Evaluation of Educational Achievement (IEA), Hamburg, Germany.
- 2006 – 2007 Director, Data Analysis and Computational Research in the Research and Development Center for Data Analysis Research. Educational Testing Service, Princeton, NJ.

- 2004 – 2006 Director of Field Services and Quality Assurance, National Assessment of Educational Progress, Educational Testing Service, Princeton, NJ.
- 1999 - 2004 Director of Survey Procedures and Data Analysis, Progress in International Reading Literacy Study (PIRLS), International Study Center, Boston College, Chestnut Hill, MA.
- 1994 - 2004 Director of Survey Procedures and Data Analysis, Trends in International Mathematics and Science Study (TIMSS), International Study Center, Boston College, Chestnut Hill, MA.

TEACHING EXPERIENCE

- 2002 – 2005 Lecturer. Graduate School of Education, University of Massachusetts, Amherst, MA.
- 2003 Lecturer. Lynch School of Education, Boston College, Chestnut Hill, MA.
- 1997 Lecturer. Lynch School of Education, Boston College, Chestnut Hill, MA.
- 1989 – 1992 Teaching Assistant in Statistics, Graduate School of Education, Chestnut Hill, MA

FACULTY APPOINTMENTS

- 2024 – pres. Research Professor. Lynch School of Education and Human Development. Boston College, Chestnut Hill, MA
- 2002 – 2005 Lecturer, University of Massachusetts, Graduate School of Education, Amherst, MA.
- 1998 - 2004 Associate Research Professor, Graduate School of Education, Boston College, Chestnut Hill, MA
- 1995 - 1998 Assistant Research Professor, Graduate School of Education, Boston College, Chestnut Hill, MA

SELECTED PUBLICATIONS

- Gonzalez, E. (2003) “Scaling the PIRLS Reading Assessment Data” In Martin, M.O., Mullis, I. and Kennedy, A. (Eds.) PIRLS Technical Report. Chestnut Hill, MA: Boston College.
- Gonzalez, E. (2014) “Calculating Standard Errors of Sample Statistics when Using International Large-Scale Assessment Data” In Strietholt, R., Bos, W., Gustafsson, J.-E., & Rosén, M. (Eds.) Educational Policy Evaluation Through International Comparative Assessments. Münster: Waxmann
- Gonzalez, E. and Diaconou, D. (2004) “Quality Assurance in the TIMSS 2003 data collection.” In Martin, M., Mullis, I. And Chrostowski, S. (Eds.), TIMSS 2003 Technical Report. Chestnut Hill, MA: Boston College.

- Gonzalez, E. and Foy, P. (2000). "Estimation of sampling variance" in M.O. Martin, K.D. Gregory, K.D., S.E. Stemler, (Eds.) TIMSS 1999 Technical Report. Chestnut Hill, MA: Boston College.
- Gonzalez, E. and Gregory, K. D. (2000). "Reporting student achievement in mathematics and science" in M.O. Martin, K.D. Gregory, K.D., S.E. Stemler, (Eds.) TIMSS 1999 Technical Report. Chestnut Hill, MA: Boston College.
- Gonzalez, E. and Hastedt, P. (2000). "TIMSS field operations and data preparation" in M.O. Martin, K.D. Gregory, K.D., S.E. Stemler, (Eds.) TIMSS 1999 Technical Report. Chestnut Hill, MA: Boston College.
- Gonzalez, E. and Kennedy, A. (2003) "Quality Control in the PIRLS Data Collection." In Martin, M.O., Mullis, I., and Kennedy, A. (Eds.) PIRLS Technical Report. Chestnut Hill, MA: Boston College.
- Gonzalez, E. and Kennedy, A. (2003) "Statistical Analysis and Reporting of the TIMSS Data" In Martin, M.O., Mullis, I., and Kennedy, A. (Eds.) PIRLS Technical Report. Chestnut Hill, MA: Boston College.
- Gonzalez, E. and Kennedy, A. (2003) User Guide for the PIRLS 2001 international database, Chestnut Hill, MA: Boston College.
- Gonzalez, E. and Miles, J.A. (2001) TIMSS 1999 User Guide for the International Database, Chestnut Hill, MA: Boston College
- Gonzalez, E. and Miles, J.A. (2001) TIMSS 1999 User Guide for the Benchmarking Database, Chestnut Hill, MA: Boston College
- Gonzalez, E. and Rutkowski, L. (2010) Principles of Multiple Matrix Booklet Designs and Parameter Recovery in Large-Scale Assessments, In IERI Monograph Series, Volume 2, IEA-ETS Research Institute.
- Gonzalez, E., Galia, J. and Li, I. (2004) "Scaling methods and procedures for the TIMSS 2003 Mathematics and Science Scales." In Martin, M., Mullis, I. And Chrostowski, S. (Eds.), TIMSS 2003 Technical Report. Chestnut Hill, MA: Boston College.
- Gonzalez, E., Galia, J., Arora, A., Erberber, E. and Diaconou, D. (2004) "Reporting student achievement in Mathematics and Science." In Martin, M., Mullis, I. And Chrostowski, S. (Eds.), TIMSS 2003 Technical Report. Chestnut Hill, MA: Boston College.
- Gonzalez, E., Hastedt, D. and Kennedy, A. (2003) "PIRLS Survey Operations and Procedures." In Martin, M.O., Mullis, I., and Kennedy, A. (Eds.) PIRLS Technical Report. Chestnut Hill, MA: Boston College.

- Grisay, A.; Gonzalez, E. and Monseur, C. (2009) “Equivalence of item difficulties across national versions of the PIRLS and PISA reading assessments” In IERI Monograph Series, Volume 2, IEA-ETS Research Institute.
- Hencke, J.; Rutkowski, L.; Neuschmidt, O. and Gonzalez, E. (2009) “Curriculum coverage and scale correlation on TIMSS 2003” In IERI Monograph Series, Volume 2, IEA-ETS Research Institute.
- Khorramdel, L.; von Davier, M.; Gonzalez, E. and Yamamoto, K. (2020). “Plausible Values: Principles of Item Response Theory and Multiple Imputations.” In Maehler, D. and Rammstedt, B. (Eds) “Large-Scale Cognitive Assessment: Analyzing PIAAC Data”, Springer (<https://link.springer.com/book/10.1007%2F978-3-030-47515-4>)
- Mullis, I., Martin, M., Gonzalez, E. and Chrostowski, S. J. (2004) TIMSS International Mathematics Report, Chestnut Hill, MA: Boston College.
- Mullis, I., Martin, M., Gonzalez, E. and Kennedy, A. (2003) PIRLS 2001 International Report: IEA’s Study of Reading Literacy Achievement in Primary School in 35 Countries, Chestnut Hill, MA: Boston College.
- Mullis, I.V.S., Martin, M.O. and Gonzalez, E. (2005) International achievement in the processes of reading comprehension: Results from PIRLS 2001 in 35 countries; Proceedings of the IRC-2004; Vol. 3; Cyprus Press University, Nicosia, Cyprus
- Naemi, B., Gonzalez, E., Bertling, J., Betancourt, A., Burrus, J., Kyllonen, P., Minsky, J., Lietz, P., Klieme, E., Vieluf, S., Lee, J., & Roberts, R.D. (2013). “Large-scale group score assessments: Past, present, and future,” in Oxford handbook of psychological assessment of children and adolescents, eds. D. Saklofske & V. Schwean. (Cambridge, MA: Oxford University Press)
- Rutkowski, L., Gonzalez, E., Joncas, M. and Von Davier, M. (2010) International Large-Scale Assessment Data: Issues in Secondary Analysis and Reporting, Educational Researcher, Vol. 39, No. 2, pp. 142–151

Rutkowski, L.; Gonzalez, E., von Davier, M., and Zhou, Y. (2013) “Assessment Design for International Large-Scale Assessments” In Rutkowski, L.; von Davier, M., and Rutkowski, D. (Eds.) Handbook of International Large-Scale Assessment: Background, Technical Issues, and Methods of Data Analysis. Springer.

Von Davier, M., Gonzalez, E., Kirsch, I. and Yamamoto, K (2013) (Eds.) The Role of International Large-scale Assessments: Perspectives from Technology, Economy, and Educational Research. Springer.

Von Davier, M; Gonzalez, E. and Mislevy, R. (2009) “What are plausible values and why are they useful?” In IERI Monograph Series, Volume 2, IEA-ETS Research Institute.

NON-AUTHORED PUBLICATIONS

IEA (2025) Help Manual for the IEA IDB Analyzer

OECD (2024) Technical Report for PIAAC Cycle 2 (Editor)

OECD (2015) Technical Report for PIAAC, 1st, 2nd and 3rd Edition (Editor)

OECD (2016) Technical Report for PISA 2015 (Editor)

OECD (2019) Technical Report for PISA 2018 (Editor)

OECD (2019) Technical Report for PISA for Development (Editor)

LANGUAGES

Spanish (Native, Fluent)

English (Fluent)