

CV - Dr. Raquel Guimaraes

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PROFESSIONAL AFFILIATIONS Guest Postdoctoral Research Scholar, International Institute for Applied System Analysis, 2019-present
Assistant Professor, Department of Economics, Federal University of Paraná, 2014-present
Visiting Research Fellow, Brazilian Institute for Applied Economic Research, 2016-2019
Substitute Professor, Department of Economics, Federal University of Minas Gerais, 2011-2012

EDUCATION BACKGROUND Federal University of Minas Gerais, Doctorate, Demography, 2014
Stanford University, M.A, International and Comparative Education, 2012
Federal University of Minas Gerais, M.A, Demography, 2010
Federal University of Minas Gerais, B.A., Economics, 2007

RESEARCH ACTIVITIES Stratification of Brazilian Basic Education: a multidimensional approach. Collaboration initiative between State University of Rio de Janeiro and Federal University of Parana. Coordinators: Dr. Carlos Costa Ribeiro and Dr. Raquel Guimaraes. 2018–present. CNPq grant 440172/2017-9
Do Demographic Forces shape Real Estate Markets? A Case study for Brazil and Poland based on a Structural Causal Model. Collaboration initiative between Federal University of Parana and University of Lodz. Coordinators: Tomasz Schabek, Ph.D. and Dr. Raquel Guimaraes. 2018–present.
Bayesian Sub-National Population Probabilistic Projections for Brazil. Coordinator: Dr. Raquel Guimaraes. 2016–present. CNPq Grant 400991/2016-0.

SERVICE ACTIVITIES Vice Coordinator, Undergraduate Course of Economics, 2017.
Quantitative Methods Hiring Committee, Department of Economics, Federal University of Minas Gerais, 2017.
Management of Education Hiring Committee, Department of Education, Federal University of Parana, 2017.
Post-Doctorate Fellowship Committee, Federal University of Parana, 2017.
Premio Capes Dissertation Award Selection Committee, Federal University of Parana, 2015, 2017.

PROFESSIONAL ACTIVITIES Editor-in-chief, *Revista de Economia*, 2015–2017
Associate Editor, *Estudos em Avaliação Educacional*, 2015–present
Member of International Organizations, *Population Association of America*, *European Association for Population Studies*, *American Economic Association*, *Comparative and International Education Society*
Referee in International Journals, *Demographic Research*, *Comparative and International Education Review*, *Latin American Research Review*

ADVISING

Dissertation Advisor: Fabiane Cristina Silva Mesquita (2019, Federal University of Parana, Graduate Program in Public Policy). Darlan Cristiano Kroth (2017, Federal University of Parana, Graduate Program in Development Economics).

MA thesis: Bianca Valoski (2019, Federal University of Parana, Graduate Program in Public Policy). Deize Cristina Kryczyk Gonçalves (2019, Federal University of Parana, Graduate Program in Public Policy). Nayara Abreu Julião (2017, Federal University of Parana, Graduate Program in Development Economics)

Undergraduate Thesis:

- 2018: Geancarlo Dorigon. Felipe de Caires Schluga. Guilherme de Andrade Lacerda. Camila Franco Bartelega. Nicolay Maia Pinheiro dos Santos.
- 2017: Caroline Oliveira de Moura, Jéssica Silva Corsino, Jessica Alves de Lima, Odilon Roberto Ditzel Amarante, Rafael Semião Loução, Robert Marcelo Soster Culpi.
- 2016: Mauro Jorge Selman Magalhães Júnior, Ana Paula Mandu, Jader Maas, Jessica Bittencourt, Thaila Renata Teixeira Doria, Valmor Ricardo Reichel, Pedro Hauer Gottschild.
- 2015: Vinicius Klein Budal, Carolina Carvalho Assade Leludak, Alessandra Alves Rodrigues, Danny Helen Molina da Silva, Beatriz Lima Menegat, Edgar Marcel Gionedis, Rafael José Duraes dos Santos

TEACHING

Development Economics (Undergraduate, Federal University of Paraná), 2014-present

Economic Demography (Undergraduate, Federal University of Paraná), 2018-present

Econometrics (Undergraduate, Federal University of Paraná), 2014

Economics of Poverty (Graduate, Federal University of Paraná), 2014-2017

Development Economics (Graduate, Federal University of Paraná), 2014-2017

Applied Microeconometrics (Graduate, Federal University of Paraná), 2015-2017

Quantitative Methods for Public Policy Evaluation (Graduate, Federal University of Paraná), 2016-present

HONORS AND AWARDS

CAPES-IIASA Post-Doctorate Fellowship.

Visiting Research Fellowship, Brazilian Institute for Applied Economic Research, 2016-2019.

Commencement speaker, Economics class of 2017. Federal University of Parana.

Edital Universal CNPq Grant, 2016.

Nominated member of the Advisory Committee for Educational Policy Evaluation at the Brazilian Ministry of Education. 2015-present.

Dissertation Fellowship, Federal University of Minas Gerais, 2010-2011 and 2012-2014.

M.A. Fellowship, Stanford University, 2011-2012.

Monography Award - Winner - XII Prêmio do Tesouro Nacional, 2007.

Monography Award - Winner - Prêmio IPEA-Caixa de Monografias, 2006.

- WORK EXPERIENCE Consultant, Brazilian Ministry of Education 2016-2017
 Consultant, Parana Institute for Economic and Social Development, 2016
 Consultant, Lemann Foundation 2013-2014
- JOURNAL ARTICLES Turra, C.M., Renteria, E., Guimaraes, R., 2016. The Effect of Changes in Educational Composition on Adult Female Mortality in Brazil. *Research on Aging* 38, 283-298. <https://doi.org/10.1177/0164027515620245>
- Gionedis, E.M., Guimaraes, R., 2016. Ciclos Político-Econômicos: uma análise dos gastos públicos do Estado do Paraná entre 2003 e 2013. *Revista Paranaense de Desenvolvimento* 37, 177-198.
- Faria, E.M., Guimaraes, R., 2015. Excelência com equidade: fatores escolares para o sucesso educacional em circunstâncias desfavoráveis. *Estudos em Avaliação Educacional* 26, 192-215. <https://doi.org/10.18222/eae266103115>
- Guimaraes, R., 2014. Uncertainty in population projections: the state of the art. *Revista Brasileira de Estudos Populacionais* 31, 277-290. <http://dx.doi.org/10.1590/S0102-30982014000200003>
- Guimaraes, R., 2013. The future of higher education in BRIC countries: a demographic perspective. *Revista Brasileira de Estudos de População* 30, 549-566. <http://dx.doi.org/10.1590/S0102-30982013000200011>
- Soares, J.F., Fonseca, I., Alvares, R., Guimaraes, R., 2012. Exclusão intra-escolar nas escolas públicas brasileiras: um estudo com dados da Prova Brasil 2005, 2007 e 2009. *Debates ED* 4, 1-77. <https://goo.gl/hCCcd8>
- Rodrigues, C.G., Guimaraes, R., Rios-Neto, E.L.G., 2011. O papel das origens sociais sobre a proficiência escolar e a probabilidade de progressão por série no Brasil: evidência de persistência. *Revista Brasileira de Pós-Graduação* 8, 87-116. ISSN: 2358-2332 <https://goo.gl/J4vJqH>
- Guimaraes, R., Rios-Neto, E., 2011. Comparação entre metodologias de idade-período-coorte para o estudo de uma medida da progressão escolar no Brasil. *Revista Brasileira de Estudos de População* 28, 349-367. <http://dx.doi.org/10.1590/S0102-30982011000200007>
- Rios-Neto, E.L.G., Guimaraes, R., 2010. The demography of education in Brazil: inequality of educational opportunities based on Grade Progression Probability (1986-2008). *Vienna Yearbook of Population Research* 8, 283-312. <http://dx.doi.org/10.1553/populationyearbook2010s283>
- Guimaraes, R., Figoli, M., Oliveira, A.M.H.C., 2010. Evidências sobre o tempo e probabilidade de permanência no trabalho decente e na precariedade (2003-2007). *Bahia Análise & Dados* 20, 387-402. ISSN: 0103-8117 <https://goo.gl/53zFeG>
- THESIS DEFENDED Guimaraes, R. Education Projections using Age-Period-Cohort Models: Classical and Bayesian Approaches. Doctoral Dissertation. Federal University of Minas Gerais, 2014. <https://goo.gl/9NBsch>
- Guimaraes, R. The Effect of Teacher Qualifications on Student Achievement Gains: Evidence from FUNDESCOLA Schools in Brazil, 1999-2003. M.A. paper. Stanford University, 2012. <https://searchworks.stanford.edu/view/9864279> and <https://goo.gl/9NzM1H>
- Guimaraes, R. Grade Progression Probability in Brazil: Trends, Selectivity and Application of Age-Period-Cohort Methods (Available in Brazilian Portuguese). M.A. thesis. Federal University of Minas Gerais, 2010. <https://goo.gl/qcTKh1>

Guimaraes, R. Analysis of the Wage Distribution Between the Public and Private Sector in Brasil (1987-2005) with Applications to the Federal Administrative Reform. (Available in Brazilian Portuguese). Undergraduate Monography. Federal University of Minas Gerais, 2007. <https://goo.gl/qVQ4t1>

BOOK CHAPTERS

Givisiez, G. H. N., Oliveira, E. L., Guimaraes, R., 2018. Projeção da demanda demográfica: procedimentos metodológicos. In: Gustavo Henrique Naves Givisiez, Elzira Lúcia de Oliveira. (Org.). Demanda futura por moradias: demografia, habitação e mercado. 1ed. Niterói: UFF, p. 107-122. ISBN: 978-85-94029-11-9

Givisiez, G. H. N., Oliveira, E. L., Guimaraes, R., 2018. Projeção por categorias de chefia domiciliar. In: Gustavo Henrique Naves Givisiez, Elzira Lúcia de Oliveira. (Org.). Demanda futura por moradias: demografia, habitação e mercado. 1ed. Niterói: UFF, p. 155-224. ISBN: 978-85-94029-11-9

Givisiez, G. H. N., Oliveira, E. L., Guimaraes, R., 2018. Projeção da demanda demográfica habitacional. In: Gustavo Henrique Naves Givisiez, Elzira Lúcia de Oliveira. (Org.). Demanda futura por moradias: demografia, habitação e mercado. 1ed. Niterói: UFF, p. 123-154. ISBN: 978-85-94029-11-9

Barbosa Filho, F. H., Turra, C. M., Wajnman, S., Guimaraes, R., 2016. Transição Demográfica, Oferta de Trabalho e Crescimento Econômico no Brasil. In: Regis Bonelli, Fernando Velloso. (Org.). A Crise de Crescimento do Brasil. 1ed. Rio de Janeiro: Elsevier e FGV/IBRE, p. 87-109. ISBN: 9788535266375.

Rios-Neto, E.L.G., Guimaraes, R., 2014. Projeções Demográficas da Estrutura Educacional e da Taxa de Ocupação para o Brasil e Grandes Regiões até 2050. In: Marina Pereira Pires de Oliveira, Paulo A. Meyer M. Nascimento, Aguinaldo Nogueira Maciente, Luiz Antonio Caruso, Eduardo Miguel Schneider. (Org.). Rede de pesquisa formação e mercado de trabalho: coletânea de artigos. 1ed. Brasília: Instituto de Pesquisa Econômica Aplicada e Agência Brasileira de Desenvolvimento Industrial, v. 1, p. 41-74. ISBN: 978-85-7811-219-6

Guimaraes, R., 2014. O impacto das mudanças demográficas sobre o ensino superior nos países BRIC: uma perspectiva futura. In: Marina Pereira Pires de Oliveira, Paulo A. Meyer M. Nascimento, Aguinaldo Nogueira Maciente, Luiz Antonio Caruso, Eduardo Miguel Schneider. (Org.). Rede de pesquisa formação e mercado de trabalho: coletânea de artigos. 1ed. Brasília: Instituto de Pesquisa Econômica Aplicada e Agência Brasileira de Desenvolvimento Industrial, v. 5, p. 20-39. ISBN: 978-85-7811-219-6

Guimaraes, R., Oliveira, A.M.H.C., 2008. Análise da distribuição salarial entre o setor público e privado no Brasil (1987-2005) com aplicações para a Reforma Administrativa do Governo Federal. Finanças Públicas: XII Prêmio do Tesouro Nacional 2007. 1ed. Brasília: Editora Universidade de Brasília, p. 251-308.

Guimaraes, R., 2007. Mudanças na legislação da Previdência Social e evolução da desigualdade nas aposentadorias: uma investigação a partir do método de decomposição dinâmica do índice de Theil por subgrupos de sexo e raça. In: Instituto de Pesquisa Econômica Aplicada. (Org.). IPEA-CAIXA 2006: monografias premiadas. 1ed. Brasília: IPEA, v. I, p. 445-478.

PAPERS IN INTERNATIONAL CONFERENCES

Peters, A. T. S., Guimaraes, R., 2018. Gender Differentials in the Wage Return of Behavioral Attributes: The Case of Heads of Households in Brazil. European Population Conference 2018, Brussels. <https://eaps.confex.com/eaps/2018/meetingapp.cgi/Paper/1960>

Kroth, D. C., Guimaraes, R., 2018. The Efficiency of Primary Health Care Policy in Brazilian Municipalities: An Application of Pearl's Structural Causal Model. PAA 2018 Annual Meeting, 2018, Denver. <https://paa.confex.com/paa/2018/meetingapp.cgi/Paper/19280>

- Guimaraes, R., Lima, M. C. B. S., 2018. Education Financing in Brazil and Quality Outcomes: An Analysis for the period 2011-2015. 62nd Annual Meeting of the Comparative and International Education Society, Mexico City. <http://tinyurl.com/ya4cys3d>
- Guimaraes, R., Carvalho, J. C., 2018. Gender Differentials in the Effect of Teacher Attributes on Student Achievement: a Case Study for Brazil in 2015. 62nd Annual Meeting of the Comparative and International Education Society, Mexico City. <http://tinyurl.com/y8cxljcv>
- Rios-Neto, E. L. G., Guimaraes, R., 2014. The Educational Gradient of Low Fertility in Latin America. Population Association of America Annual Meeting, 2014, Boston. <http://paa2014.princeton.edu/abstracts/142739>
- Turra, C. M., Renteria, E., Guimaraes, R., 2014. The Effect of Changes in Educational Composition on Adult Female Mortality in Brazil. Population Association of America Annual Meeting, 2014, Boston. <http://paa2014.princeton.edu/abstracts/142724>.
- Guimaraes, R., 2013. The Effect of Teacher Qualifications on Student Achievement Gains: Evidence from the FUNDESCOLA Schools in Brazil, 1999-2003. Population Association of America Annual Meeting, 2013, New Orleans. <http://paa2013.princeton.edu/abstracts/130016>
- Guimaraes, R., Sitaram, A., Jardim, L., Taguchi, S., Robinson, L., 2013. The Effect of Teacher Content Knowledge on Student Achievement: A Quantitative Case Analysis of Six Brazilian States. Population Association of America Annual Meeting, 2013, New Orleans. <http://paa2013.princeton.edu/abstracts/132044>
- Rios-Neto, E. L. G., Guimaraes, R., 2013. The Educational Gradient of Low Fertility in Latin America. XXVII IUSSP International Population Conference, Busan. <http://busan2013.iussp.org/Programme.pdf>
- Guimaraes, R., Soares, J. F., Alvares, R. P., Fonseca, I. C., 2012. Social and school determinants of educational achievement in Brazil. European Population Conference 2012, Stockholm. <http://epc2012.princeton.edu/abstracts/120981>
- Guimaraes, R., 2012. Assessing the impact of teachers' quality on achievement gains: A case study from Plano de Desenvolvimento da Escola (1999-2003). 56th Annual Conference of the Comparative and International Education Society, San Juan. <https://tinyurl.com/yam5cxxy>
- Oliveira, A. M. H. C., Guimaraes, R., 2009. Trends in the Relative Distribution of Wages by Gender and Cohorts in Brazil (1981-2005). Population Association of America Annual Meeting 2009, Detroit. <http://paa2009.princeton.edu/abstracts/90744>
- Oliveira, A. M. H. C., Guimaraes, R., 2009. Trends in the relative distribution of wages by gender and cohorts in Brazil (1981-2005). XXVI IUSSP International Population Conference, Marrakech.