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 [@UrbanDemog](https://twitter.com/UrbanDemog)

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 urbandemographics.org

EDUCATION

- 2013-18 PhD in Geography, Oxford University, St. Edmund Hall, UK
Advisors: Tim Schwanen and David Banister
- 2006-08 Masters in Demography, State University of Campinas (Unicamp) – Brazil
Advisor: Daniel Hogan
- 2002-06 B.S. in Sociology, University of Brasilia (UnB) – Brazil
Advisor: Brasilmar Nunes

EMPLOYMENT

- 2019- Institute for Applied Economic Research (Ipea) – Head of Data Science at the Department of Regional, Urban and Environmental Studies and Policies
- 2008- Institute for Applied Economic Research (Ipea) – Researcher
- 2006-08 Population Studies Centre (NEPO/Unicamp) – Research Assistant
- 2005-06 Labor Prosecution Ministry (MPT), Affirmative Action Program – Trainee
- 2003-05 Junior Consultancy on Social Science Research (SOCIOUS) – President

PUBLICATIONS

Google Scholar: <https://scholar.google.com.br/citations?user=dbRivsEAAAAJ>

Citations: 1,131

h-index: 19

Peer-reviewed Papers

- 2020 Evolution and epidemic spread of SARS-CoV-2 in Brazil. [Science](#). Joint with D. Candido, E. Sabino, N. Faria, et al.
- 2020 Epidemiological and clinical characteristics of the COVID-19 epidemic in Brazil. [Nature Human Behavior](#). Joint with W. de Souza, E. Sabino, N. Faria, et al.
- 2020 Disparities in travel times between car and transit: Spatiotemporal patterns in cities. [Scientific Reports](#). Joint with Y. Liao, J. Gil, S. Yeh and V. Verendel
- 2019 Distributional effects of transport policies on inequalities in access to opportunities in Rio de Janeiro. [Journal of Transport and Land Use](#). Joint with T.Schwanen, D.Banister. and N.Wessel
- 2019 Future accessibility impacts of transport policy scenarios: Equity and sensitivity to travel time thresholds for Bus Rapid Transit expansion in Rio de Janeiro. [Journal of Transport Geography](#)
- 2019 Right to the city and human mobility transition: The case of São Paulo. [Cities](#). Joint with T. de Sá, P. Edwards and C. Monteiro
- 2018 Future access to essential services in a growing smart city: The case of Surrey, British Columbia. [Computers, Environment and Urban Systems](#). Joint with J. Mayaud, M. Tran and R. Nuttall
- 2018 Transport legacy of mega-events and the redistribution of accessibility to urban destinations. [Cities](#).
- 2017 Distributive justice and equity in transportation. [Transport Reviews](#). Joint with T. Schwanen and D. Banister.
- 2016 Socioeconomic and spatial differences in active travel in Brazil. [Revista de Saude Publica](#). Joint with T. de Sá, A. Duran and C. Monteiro.
- 2016 Mortality differentials according to schooling in Brazilian adults in 2010, 2010. [Cadernos de Saude Publica](#). Joint with L. Emiliano and F. Freire.
- 2015 Population aging, fare concessions on public transport and its effects on transport fares in São Paulo Metropolitan Area. [Revista Brasileira de Estudos de População](#), v.32 n.1. , joint with C. Carvalho, P. Souza and A. Camarano [In Portuguese]
- 2014 Household expenditure on urban transport in Brazil, 2003 and 2009. [Revista dos Transportes Públicos](#), v.36 1, p.29-46, joint with C. Carvalho [In Portuguese]
- 2014 A demographic projection of engineering labor force in Brazil through 2020. [Revista Brasileira de Estudos de População](#), v.30, Issue 2, 503-518 joint with P. Nascimento and T. Araujo [In Portuguese]
- 2012 Urban Centrality: A Simple Index. [Geographical Analysis](#). v.45, Issue 1, 77-89. doi: 10.1111/gean.12002, joint with V. Nalin, L. Monasterio and P. Albuquerque

Abridged CV
Last time updated: Ago, 2020

- 2012 The effects of income and fare variation on the demand for bus transit services in Brazil. [Transportes](#). V.20 n.1, joint with C. Carvalho [In Portuguese]
- 2010 The stigma of living far away from the city: Rethinking the consensus on dormitory towns. [Cadernos Metr pole](#) (PUCSP), V.12 n.24, joint with R. Ojima and E. Marandola [In Portuguese]
- 2007 Defining Dormitory towns with commuting data: Sociodemographic characterization and new spatial dynamics in Brazilian Urban Agglomerations. [Cadernos IPPUR/UFRJ](#), V.21 n.2, joint with R. Ojima and R. Siva [In Portuguese]

Books Edited

- In progress* Social issues in Transport Planning (Elsevier). joint with Genevi ve Boisjoly
- 2011 [Urban-Regional Dynamics: Urban Network and its Interfaces](#). Ed. 1. ed. Bras lia: Instituto de Pesquisa Econ mica Aplicada, V.1. 490p., joint with B. Furtado [In Portuguese]

Book Chapters

- 2020 Transport Legacy of Mega-Events and Inequalities in Access to Opportunities in Rio de Janeiro, in *Evaluating the Local Impacts of the Rio Olympics*, Edited by Marcelo Neri. Routledge.
- 2013 The spatial distribution of skilled labor force in Brazil (with A. Maciente and P. Nascimento) in *Brasil em Desenvolvimento 2013 - Estado, Planejamento e Pol ticas P blicas*, Edited by Boueri and Costa. Ipea. V.2 p.421-440 (in Portuguese)
- 2013 Revisiting the delimitation of metropolitan boundaries in Brazil (with M.L. Castello Branco and V. Nadalin) in *Territ rio metropolitano, pol ticas municipais: por solu  es conjuntas de problemas urbanos no  mbito metropolitano*, edited by Furtado, Krause and Fran a. Ipea. V.1 p.115-154 (in Portuguese)
- 2012 Current Situation and Prospects of the Federal Program for Supporting Municipal Urban Management (with Costa, Galindo and Balbim) in *Federalismo   Brasileira: quest es para discuss o*, edited by Linhares, Mendes and Lassance. Ipea. V.8, p.59-84 (in Portuguese)
- 2011 Conceptual basis for the Brazilian urban network: a literature review (with C. Egler, Mendes and Furtado) in *Urban-Regional Dynamics: Urban Network and its Interfaces*, edited by Pereira and Furtado. Ipea. V.1 p.25-46 (in Portuguese)

Abridged CV

Last time updated: Ago, 2020

- 2011 Urban network studies and guidance for planning: public and private sectors perceptions (with Matteo) in *Urban-Regional Dynamics: Urban Network and its Interfaces*, edited by Pereira and Furtado. Ipea. V.1 p.47-60 (*in Portuguese*)
- 2011 Commuting: a typology proposal (with Herrero) in *Estudos demográficos na Argentina e Brasil: resultados de cooperação entre estudantes e docentes da Unicamp e UNC*. Campinas, edited by Aidar and Pelaez. SPU/AR and CAPES/BR. V.1, p.106-127 (*in Portuguese*)
- 2010 Urban mobility in Brazil (with Carvalho, Vasconcellos, Galindo and Neto) in *Infraestrutura Social e Urbana no Brasil: subsídios para uma agenda de pesquisa e formulação de políticas públicas*, edited by M. Moraes and M. Costa. Ipea. V.2, p.549-592 (*in Portuguese*)
- 2009 Brazilian Urban Policies and the Federal Constitution of 1988 (with Moraes, Rego, Carvalho Jr and Araujo) in *A Constituição Brasileira de 1988 Revisitada: Recuperação Histórica e Desafios Atuais das Políticas Públicas nas Áreas Regional, Urbana e Ambiental*, edited by Cardoso Jr., Castro and Motta. Ipea. V.2, p.117-158 (*in Portuguese*)
- 2009 Recent performance of federal programs for public transport and urban mobility (with Barros, Moraes and Rego) in *Brasil em desenvolvimento: Estado, planejamento e políticas públicas*, edited by Cardoso Jr. Ipea. V.2, p.451-469 (*in Portuguese*)

Invited speaker (selected)

- 2020 Annual meeting of the Brazilian National Association of Mayors (FNP) - Brazil
- 2019 Belo Horizonte Mobility Observatory. BHTrans transport agency.
- 2019 Federal University of Minas Gerais (UFMG). Economics Graduate seminars at Cedeplar.
- 2019 Annual meeting of the Brazilian National Association for Research and Education in Transportation (ANPET)
- 2019 K2, The Swedish Knowledge Centre for Public Transport, Lund - Sweden
- 2019 K2, The Swedish Knowledge Centre for Public Transport, Lund - Sweden
- 2019 Chalmers University, Gothenburg - Sweden
- 2019 VREF, Mobilize Summit, Fortaleza - Brazil
- 2018 University College London, Socially Just Transport Doctoral Group, UK
- 2018 VREF PhD students and young researchers workshop, Tanzania
- 2018 Transmilenio S.A., 8th International Congress on Mobility and Transportation, Colombia

Abridged CV
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- 2018 World Bank and WRI, Transforming Transportation 2018, USA
- 2017 FGV University, CERI Center for Regulation and Infrastructure Studies, Brazil
- 2016 Lund University and K2 - The Swedish Knowledge Centre for Public Transport, Sweden
- 2016 University College London, Centre for Advanced Spatial Analysis (CASA), UK
- 2016 ITDP - The Institute for Transportation and Development Policy, Brazil
- 2016 University College London, Socially Just Transport Doctoral Group, UK
- 2009 Unicamp – University of Campinas, Population Studies Center, Brazil
- 2008 UnB – University of Brasilia, Sociology Department, Brazil

Conference Papers (selected)

- 2018 Distributional Effects of Transport Policies on Inequalities in Access to Opportunities. In: *Proceedings of the TRB Annual Meeting, Jan. 2018 – Washington DC.*
- 2016 Mega-events, transport legacy and the redistribution of employment accessibility. In: *Proceedings of the AAG, March/April 29-02, 2016 – San Francisco, USA.*
- 2015 Towards a distributive justice framework for urban transport and accessibility. In: *Proceedings of the AAG, April 21-25, 2015 – Chicago, USA.*
- 2013 Commute time in Brazil, 1992-2009: differences between metropolitan areas, by income levels and gender (with T. Schwanen). In: *Proceedings of the 13th WCTR, July 15-18, 2013 – Rio de Janeiro, Brazil.*
- 2012 Projections of skilled labor supply in Brazil: scenarios for the supply of Engineers until 2020 (with Nascimento and Araujo). In: *Proceedings V Latin American Population Conference ALAP. Montevideo, V.1*
- 2012 The Use of Space Syntax in Urban Transport Analysis: Limits and Potentials (with Holanda, Medeiros and Barros). In: *Proceedings 8th Space Syntax Symposium SS8. Santiago: PUC, 2012. v. 1.*
- 2012 The Use of Space Syntax in Urban Transport Analysis: Limits and Potentials (with Holanda, Medeiros and Barros). In: *Portuguese network of urban morphology PNUM. Lisbon: ISCTE Instituto Universitário de Lisboa, V. 2.*
- 2010 Quantifying Urban Centrality: a simple index proposal (with Nadalin and Monasterio). In: *57 Anual North American Meetings of the Regional Science Association International NARSC. Denver, USA.*

- 2010 The effects of income and fare variation on the demand for bus transit services in Brazil (with C. Carvalho) In: *12th Selected Proceedings of the 12th World Conference on Transport Research Society WCTR*. Lisbon, 2010. p. 1-16.

Affiliations

- 2019- Latin American branch of the International Network for Transport and Accessibility in Low Income Communities (INTALInC LAC)
- 2017- Associate Postgrad, Oxford Urbanists Society
- 2015- Associate Postgrad, Oxford Program for the Future of Cities
- 2015- Member, American Association of Geographers (AAG)
- 2014- Member, Royal Geographical Society (RGS-IBG)
- 2010- Member, World Conference on Transport Research Society (WCTRS)
- 2009- Member, Research 'Group Morphological Dimensions of the Urbanization Process', Research Group led by Prof. Frederico Holanda (University of Brasilia)
- 2008- Member, Brazilian Association of Population Studies (ABEP)

Grants and Awards (selected)

- 2019 - Young Researcher of the Year Award by the International Transport Forum (ITF/OECD).
- 2019 - Best thesis award by the Transportation Geography Specialty Group of the American Association of Geographers (AAG).
- 2017 - Lee Schipper Memorial Scholarship of U\$8,210 conceded by the World Resources Institute (WRI) and the Volvo Research and Educational Foundations (VREF).
- 2017 - Award of best group presentation 'Using microdata to identify capability challenges of the elderly in using public transport'. Award at the European Workshop "Bridging transport equity: a real-life lab", organized by the Transportation Equity Analysis (TEA) Cost Action group, in Barcelona. Team: Rafael Pereira, Claire Papaix, Koos Fransen and Anders Wretstrand.

Abridged CV
Last time updated: Ago, 2020

- 2017 - Travel award to go the 2017 Annual Meeting of the American Association of Geographers (AAG), conceded by the AAG Transport Geography Specialty Group.
- 2017 - Travel Conference Grant, conceded by the Oxford University Brazilian Society.
- 2016 - Best paper award of the V Oxbridge Conference on Brazilian Studies, Oxford and Cambridge Brazilian Societies.
- 2013-2017 - Capes Fellowship for PhD studies at Oxford University, UK
- 2006-2008 - Fapesp Fellowship for Master Degree at State University of Campinas (Unicamp)
- 2006-2006 - Capes visiting studentship at National University of Cordoba (UNC), Argentina
- 2003-2005 - CNPq Fellowship for undergraduate studies at University of Brasilia (UnB)

Referee and Reviewer

- Environment and Planning A: Economy and Space
- Environment and Planning B: Urban Analytics and City Science
- Journal of Transport Geography
- Journal of Planning Literature
- Journal of Transport and Land Use
- Mobilities
- PPP – Planejamento e Políticas Públicas, Brazil
- REBEP – Revista Brasileira de Estudos de População, Brazil
- Transport Policy
- Transport Research Part A: Policy and Practice
- Transport Reviews
- Transportation Research Board – TRB