

**ERNESTO F. L. AMARAL**  
CURRICULUM VITAE  
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**POSITIONS AND EMPLOYMENT**

- 2017–present **Texas A&M University**  
2017–present Assistant Professor, Department of Sociology
- 2014–2017 **RAND Corporation**  
2016–2017 Professor, Pardee RAND Graduate School  
2014–2017 Associate Sociologist
- 2009–2014 **Federal University of Minas Gerais, Brazil**  
2012–2014 Vice-Director, Center of Quantitative Research in Social Sciences  
2012–2014 Associate Professor with tenure, Department of Political Science  
2009–2012 Assistant Professor, Department of Political Science
- 2013 **New York University**  
February Visiting Scholar, Department of Sociology
- 2008–2009 **João Pinheiro Foundation, Brazil**  
Public Policy Analyst
- 2007–2008 **Center of Development and Regional Planning, Brazil**  
Post-Doctoral Researcher

**RESEARCH INTERESTS**

Social Demography  
Migration  
Population Health  
Public Policy Analysis

**TEACHING INTERESTS**

Demographic Theory and Techniques, Quantitative Methods  
Migration, Spatial Analysis  
Social Determinants of Health, Fertility Behavior  
Public Policy Analysis

**EDUCATION**

- 2007 **Ph.D., Sociology/Demography, The University of Texas at Austin**  
Dissertation: *Demographic Change and Economic Development at the Local Level in Brazil*  
Committee: DS Hamermesh, JE Potter (chair), T Pullum, BR Roberts, and A Villarreal
- 2002 **M.A., Demography, Federal University of Minas Gerais, Brazil**
- 2000 **B.A., Social Sciences, Federal University of Goiás, Brazil**

**PUBLICATIONS**

– *Peer-Reviewed Journal Articles*

1. Gonçalves GQ, Menicucci TMG, [Amaral EFL](#). 2017. “Educational differential between beneficiaries and non-beneficiaries of Programa Bolsa Família.” *Cadernos de Pesquisa*, 47(165): 770–794.
2. [Amaral EFL](#), Rios-Neto ELG, Potter JE. 2016. “The influence of internal migration on male earnings in Brazil, 1970–2000.” *Migration and Development*, 5(1): 55–78.
3. Mendonça RF, [Amaral EFL](#). 2016. “Online rationality: Reason-giving in virtual discussions.” *Opinião Pública*, 22(2): 418–445.
4. [Amaral EFL](#), Queiroz BL, Calazans JA. 2015. “Demographic changes, educational improvements, and earnings in Brazil and Mexico.” *IZA Journal of Labor & Development*, 4(23): 1–21.
5. [Amaral EFL](#), Gonçalves GQ. 2015. “Bolsa Família Program and school enrollment: An analysis of the 2010 Brazilian demographic census.” *Política y Sociedad*, 52(3): 741–769.

6. Amaral EFL, Almeida ME, Gonçalves GQ. 2015. "Characterization of fertility levels in Brazil, 1970–2010." *Revista Espaço para a Saúde*, 16(1): 5–26.
7. Golgher AB, Amaral EFL, Neves AVC. 2015. "Academic performance of students at the Federal University of Minas Gerais: An analysis of the socio-racial bonus policy." *Ciências Sociais em Perspectiva*, 14(26): 120–145.
8. Gontijo BA, Amaral EFL. 2015. "Association of technical education with earnings and employment: Minas Gerais (2009 and 2011)." *Planejamento e Políticas Públicas*, 44: 113–143.
9. Santos IG, Gontijo JGL, Amaral EFL. 2015. "The public safety policy in Brazil: Analyzing public spending (1999–2010)." *Opinião Pública*, 21(1): 105–131.
10. Potter JE, Amaral EFL, Woodberry R. 2014. "The growth of Protestantism in Brazil and its impact on male earnings, 1970–2000." *Social Forces*, 93(1): 125–153.
11. Hopkins K, Amaral EFL, Mourão ANM. 2014. "The impact of payment source and hospital type on rising cesarean section rates in Brazil, 1998 to 2008." *Birth*, 41(2): 169–177.
12. Amaral EFL, Gonçalves GQ, Weiss C. 2014. "The impact of Brazil's Bolsa Família Program on school attendance, child labor, and age-grade discrepancy, 2010." *Journal of Social Science for Policy Implications*, 2(1): 101–125.
13. Golgher AB, Amaral EFL, Neves AVC. 2014. "An assessment of the Federal University of Minas Gerais' socioracial bonus on student academic performance." *Mediações – Revista de Ciências Sociais*, 19(1): 241–275.
14. Mendonça RF, Amaral EFL. 2014. "Online deliberation in public consultations? The case of the state legislature of Minas Gerais." *Revista de Sociologia e Política*, 22(49): 177–203.
15. Amaral EFL, Potter JE, Hamermesh DS, Rios-Neto ELG. 2013. "Age, education, and earnings in the course of Brazilian development: Does composition matter?" *Demographic Research*, 28(20): 581–612.
16. Amaral EFL, Almeida ME, Rios-Neto ELG, Potter JE. 2013. "Effects of the age-education structure of female workers on male earnings in Brazil." *Poverty & Public Policy*, 5(4): 336–353.
17. Amaral EFL, Monteiro VP. 2013. "An evaluation of the impact of the educational conditions of Brazil's Bolsa Família Program (2005 and 2009)." *DADOS – Revista de Ciências Sociais*, 56(3): 531–570.
18. Amaral EFL. 2013. "Racial and socioeconomic segregation: An analysis of three Brazilian metropolitan areas." *REDES – Revista de Desenvolvimento Regional*, 18(1): 248–262.
19. Mourão ANM, Almeida ME, Amaral EFL. 2013. "Unemployment benefits and formality in the Brazilian labor market." *Revista Brasileira de Estudos de População*, 30(1): 251–270.
20. Inácio MM, Amaral EFL. 2013. "Government or opposition? The determinants of legislative support for governors in Brazil." *SAGE Open*, 3: 1–11.
21. Vianna IL, Amaral EFL. 2013. "Strengthening the evaluation of public policies in Brazil, and the political aspects of this process." *Cadernos da Escola do Legislativo*, 15(24): 107–139.
22. Amaral EFL. 2012. "The decomposition of economic outcomes as a result of changes in Brazil's male age-education structure." *Population Research and Policy Review*, 31(6): 883–905.
23. Amaral EFL, Rios-Neto ELG, Potter JE. 2012. "Long term influences of age-education transition on the Brazilian labour market." *Bulletin of Latin American Research*, 31(3): 302–319.
24. Amaral EFL, Neves AVC, Silva AM, Monteiro TJG. 2012. "Analysis of students' profiles who entered the Federal University of Minas Gerais utilizing the socio-racial bonus policy." *Teoria & Sociedade*, 20(1): 85–116.
25. Pereira MAG, Amaral EFL, Costa MM. 2012. "Some determinants of the existence of government websites: 853 municipalities in Minas Gerais, Brazil." *Latin American Research Review*, 47(3): 155–174.
26. Amaral EFL, Rabelo FCE. 2012. "Cultural forms and social perceptions of visitors at art and street food markets in Goiânia, Brazil." *Fragmentos de Cultura*, 22(2): 153–174.
27. Amaral EFL, Rios-Neto ELG, Potter JE. 2011. "Influences of transition in age-education structure and internal migration on the labour market in Brazil." *Informe GEPEC*, 15(3): 44–71.
28. Amaral EFL. 2011. "Analysis of level, pattern, and determinants of population flows between Bahia and São Paulo." *Revista Brasileira de Estudos de População*, 28(2): 467–472.
29. Amaral EFL, Potter JE. 2009. "Population policies, government programs, and fertility: A comparison between Brazil and Mexico." *Notas de Población*, 35(87): 7–33.

30. [Amaral EFL](#). 2009. "Characterization of migrants in Goiás and the Federal District: 1980–2000." *Teoria & Sociedade*, 17(2): 160–185.
31. [Amaral EFL](#). 2008. "Improvements of techniques to estimate migration rates: An application with Brazilian Censuses data." *Population Review*, 47(2): 1–24.
32. Skop E, Peters PA, [Amaral EFL](#), Potter JE, Fusco W. 2006. "Chain migration and residential segregation of internal migrants in the metropolitan area of São Paulo, Brazil." *Urban Geography*, 27(5): 397–421.
33. [Amaral EFL](#), Rodrigues RN, Figoli MGB. 2004. "Methods and techniques to measure migration movements: Brazilian state of Goiás and the Federal District, 1975–1979 and 1986–1990." *Revista Brasileira de Estudos de População*, 21(2): 283–301.
34. [Amaral EFL](#), Rodrigues RN, Figoli MGB. 2002. "Synthesis of migration in the Brazilian state of Goiás and the Federal District in the last decades." *Revista Sociedade e Cultura*, 5(2): 127–136.

#### – Working Paper Series and Reports

1. [Amaral EFL](#), Price CC. 2017. "Too entertaining to be true: Recent headlines declaring eight men are as wealthy as half the world misrepresent trends in inequality." *U.S. News & World Report*, February 6, 2017.
2. [Amaral EFL](#), Gerstein DM. 2016. "Understanding and addressing the unaccompanied minor immigration issue." *Congress Blog – The Hill's Forum for Lawmakers and Policy Professionals*, April 21, 2016.
3. Perez-Arce F, [Amaral EFL](#), Huang H, Price CC. 2016. "Inequality of opportunity: The relationship between income inequality and intergenerational transmission of income." *RAND Report*, RR-1509-RC. Santa Monica: RAND Corporation.
4. Pollard M, [Amaral EFL](#), Mendelsohn J, Cefalu M, Kress A, Ross R. 2015. "Current and future demographics of the Veteran population." In: *Current and Projected Characteristics and Unique Health Care Needs of the Patient Population Served by the Department of Veterans Affairs*. (RAND Health, ed.). Santa Monica: RAND Corporation, RR-1165/1-VA, 31–56.
5. [Amaral EFL](#), Potter JE. 2015. "Determinants of female sterilization in Brazil, 2001–2007." *RAND Working Paper*, WR-1093. Santa Monica: RAND Corporation.
6. [Amaral EFL](#). 2015. "Profile of female sterilization in Brazil, 2001–2006." *RAND Working Paper*, WR-1092. Santa Monica: RAND Corporation.
7. [Amaral EFL](#), Almeida ME, Gonçalves GQ. 2015. "Characterization of fertility levels in Brazil, 1970–2010." *RAND Working Paper*, WR-1091. Santa Monica: RAND Corporation.
8. [Amaral EFL](#), Rios-Neto ELG, Potter JE. 2015. "The influence of internal migration on male earnings in Brazil, 1970–2000." *RAND Working Paper*, WR-1090. Santa Monica: RAND Corporation.
9. [Amaral EFL](#), Queiroz BL, Calazans JA. 2015. "Effects of demographic and educational changes on the labor markets of Brazil and Mexico." *RAND Working Paper*, WR-1089. Santa Monica: RAND Corporation.
10. [Amaral EFL](#), Hamermesh DS, Potter JE, Rios-Neto ELG. 2007. "Demographic change and the structure of wages: A demand-theoretic analysis for Brazil." *NBER Working Paper Series*, 13533.
11. [Amaral EFL](#). 2006. "Methods and techniques to measure and categorize migrant movements applied to the Brazilian states of São Paulo and Bahia." *PRC Working Paper Series 2005–2006*, 05–06–03. Austin: Population Research Center, The University of Texas at Austin.
12. [Amaral EFL](#), Fusco W. 2005. "Shaping Brazil: The role of international migration." *Migration Information Source*, June Issue. Washington: Migration Policy Institute.

#### – Revise and Resubmit

1. [Amaral EFL](#), Potter JE. "Determinants of female sterilization in Brazil, 2001–2007."
2. Pollard MS, [Amaral EFL](#), Mendelsohn J, Cefalu M, Kress A, Ross R. "Current and future demographics of the Veteran population, 2014–2024."

#### – Articles in Progress

1. [Amaral EFL](#), Perez-Arce F, Wang X, Yen SK. "A meta-regression analysis of intergenerational transmission of income and the Great Gatsby curve."
2. [Amaral EFL](#), Queiroz BL, Gonçalves GQ, Faustino SHR. "Informal economic sector, population aging, educational attainment, and earnings in Brazil."

3. Amaral EFL, Marquez-Velarde G. “Association of attitudes toward U.S. immigration with demographic, socioeconomic, and political factors, 1996–2016.”

– **Books and Chapters**

1. Amaral EFL, Gonçalves GQ, Faustino SHR, editors. 2014. *Aplicações de Técnicas Avançadas de Avaliação de Políticas Públicas*. Belo Horizonte: Fino Traço Editora.
2. Amaral EFL. 2013. “Brazil, internal migration.” In: *The Encyclopedia of Global Human Migration*. (I Ness, ed.). Oxford: Wiley-Blackwell, 1–7.
3. Rios-Neto ELG, Amaral EFL, Potter JE. 2011. “The role of demography and education on mean male earnings in the long term in Brazil: Simulations with the model of supply and demand for labor.” In: *O Estado da Arte em Economia*. (A Delfim-Netto, ed.). São Paulo: Saraiva, v.2, 201–217.
4. Queiroz BL, Golgher AB, Amaral EFL. 2010. “Demographic changes and socioeconomic conditions in Minas Gerais.” In: *As Muitas Minas: Ensaios Sobre a Economia Mineira*. (FA Oliveira, WB Siqueira, eds.). Belo Horizonte: Conselho Regional de Economia de Minas Gerais, 159–189.
5. Rios-Neto ELG, Amaral EFL. 2009. “Migratory management and the greatness paradox.” In: *I Conferência sobre as Comunidades Brasileiras no Exterior – Brasileiros no Mundo*. (EM Paiva, MMC Lopes, CRSA Gonçalves, ES Nascimento, eds.). Brasília: Ministério das Relações Exteriores & Fundação Alexandre de Gusmão, 447–461.
6. Potter JE, Pullum TW, Martínez G, Amaral EFL. 2007. “Evaluation of ENSAR 2003.” In: *La Salud Reproductiva en México: Análisis de la Encuesta Nacional de Salud Reproductiva 2003*. (AM Chávez-Galindo, P Uribe-Zúñiga, Y Palma-Cabrera, eds.). Mexico City: Secretaría de Salud & Universidad Nacional Autónoma de México, 27–39.

**RECENT PRESENTATIONS**

– **2017**

Amaral EFL, Weden M, Peterson C. 2017. “Association of internal migration with health outcomes in Indonesia.” In: *112th American Sociological Association (ASA) Annual Meeting*. Montreal: ASA, August 12–15.

Amaral EFL. 2017. “Possibilities of modeling international migration to the U.S.” In: *RAND’s DELI (Development Enthusiasts Lunch Informal) Seminar*. Santa Monica: RAND Corporation. March 9.

Amaral EFL, Weden M, Peterson C. 2017. “Association of internal migration with health outcomes in Indonesia.” In: *2017 Applied Demography Conference*. San Antonio: Institute for Demographic & Socioeconomic Research (IDSER), The University of Texas at San Antonio, January 11–13.

– **2016**

Amaral EFL, Perez-Arce F. 2016. “A meta-regression analysis of intergenerational transmission of income and the Great Gatsby curve.” In: *111th American Sociological Association (ASA) Annual Meeting*. Seattle: ASA, August 20–23.

Pollard MS, Amaral EFL, Mendelsohn J, Cefalu M, Kress A, Ross R. 2016. “Current and future demographics of the Veteran population, 2014–2024.” In: *111th American Sociological Association (ASA) Annual Meeting*. Seattle: ASA, August 20–23.

Amaral EFL, Queiroz BL, Gonçalves GQ, Faustino SH. 2016. “Informality, population aging, educational attainment, and earnings in Brazil.” In: *111th American Sociological Association (ASA) Annual Meeting*. Seattle: ASA, August 20–23.

Amaral EFL, Perez-Arce F. 2016. “A meta-regression analysis of intergenerational transmission of income and the Great Gatsby curve.” In: *2016 Annual Meeting of the Population Association of America (PAA)*. Washington, DC: PAA. March 31–April 2.

Pollard M, Amaral EFL, Mendelsohn J, Cefalu M, Kress A, Ross R. 2016. “Current and future demographics of the Veteran population, 2014–2024.” In: *2016 Annual Meeting of the Population Association of America (PAA)*. Washington, DC: PAA. March 31–April 2.

Amaral EFL, Queiroz BL, Gonçalves GQ, Faustino SH. 2016. “Informality, population aging, educational attainment, and earnings in Brazil.” In: *2016 Annual Meeting of the Population Association of America (PAA)*. Washington, DC: PAA. March 31–April 2.

Amaral EFL, Weden M, Peterson C. 2016. “Intergenerational effects of internal migration on health outcomes in Indonesia.” In: *The Berkeley Formal Demography Workshop Poster Session at the 2016 Annual Meeting of the Population Association of America (PAA)*. Washington, DC: PAA. March 31–April 2.

– 2015

- Amaral EFL, Queiroz BL, Calazans JA. 2015. “Demographic changes, educational improvements, and earnings of workers in Brazil and Mexico.” In: *31st Seminar of the Center for Labor Studies (NEST)*. Goiânia: Federal University of Goiás, December 3.
- Amaral EFL. 2015. “Impact evaluation of public policies.” In: *Seventh Seminar of the Brazilian Network for Monitoring and Evaluation (RBMA)*. Belo Horizonte: João Pinheiro Foundation, November 25–27.
- Amaral EFL. 2015. “Soundless scream: Poverty and inequality in Brazil.” In: *Praça Roosevelt: An Interdisciplinary Symposium*. Los Angeles: University of California, Los Angeles, November 19.
- Amaral EFL. 2015. “Future trends of immigration in the United States.” In: *Sixth Annual Maritime Risk Symposium: Risk in the Western Hemisphere and Southern Border Approaches*. Hoboken: Stevens Institute of Technology, November 16–17.
- Golgher AB, Amaral EFL, Neves AVC. 2015. “Affirmative action and student academic performance at the Federal University of Minas Gerais, Brazil.” In: *The Lozano Long Workshop: Racial Inequality in Brazil*. Austin: The University of Texas at Austin, October 15–16.
- Potter JE, Amaral EFL, Woodberry RD. 2015. “The growth of Protestantism in Brazil and its impact on male earnings, 1970–2000.” In: *Workshop Social Inclusion and Stratification in Brazil*. Austin: The University of Texas at Austin, October 14.
- Perez-Arce F, Amaral EFL. 2015. “A meta-regression analysis of intergenerational transmission of income and the Great-Gatsby Curve.” In: *Meta-Analysis of Economics Research Network, 2015 Prague Colloquium*. Prague: MAER, September 10–12.
- Amaral EFL, Queiroz BL, Calazans JA. 2015. “Effects of demographic and educational changes on the labor markets of Brazil and Mexico.” In: *110th American Sociological Association (ASA) Annual Meeting*. Chicago: ASA, August 22–25.

– 2014

- Amaral EFL, Queiroz BL, Calazans JA. 2014. “Effects of demographic and educational changes on the labor markets of Brazil and Mexico.” In: *RAND Labor and Population Brown Bag Seminars*. Santa Monica: RAND Corporation, November 21.
- Amaral EFL, Queiroz BL, Calazans JA. 2014. “Effects of demographic and educational changes on the labor markets of Brazil and Mexico.” In: *UC Berkeley, Department of Demography, Fall 2014 Brown Bag Seminars*. Berkeley: University of California, Berkeley, November 5.
- Amaral EFL, Potter JE. 2014. “Determinants of female sterilization in Brazil, 2001–2007.” In: *109th American Sociological Association (ASA) Annual Meeting*. San Francisco: ASA, August 16–19.
- Mendonça RF, Amaral EFL. 2014. “Online deliberation in public consultations? The case of Minas Gerais State Legislature in Brazil.” In: *2014 Public Policy Network Conference*. Canberra: ANZSOG Institute for Governance, January 29–31.
- Hopkins K, Amaral EFL, Mourão ANM. 2014. “The impact of payment source and hospital type on rising cesarean section rates in Brazil, 1998 to 2008.” In: *2014 Applied Demography Conference*. San Antonio: Institute for Demographic & Socioeconomic Research (IDSER), The University of Texas at San Antonio, January 8–10.
- Amaral EFL, Potter JE. 2014. “Determinants of female sterilization in Brazil, 2001–2007.” In: *2014 Applied Demography Conference*. San Antonio: Institute for Demographic & Socioeconomic Research (IDSER), The University of Texas at San Antonio, January 8–10.

– 2013

- Golgher AB, Amaral EFL, Neves AVC. 2013. “Socio-racial bonus policy in the Federal University of Minas Gerais (UFMG).” *Keynote speaker during freshmen student welcoming ceremony at UFMG*. Belo Horizonte: UFMG, August 5.
- Golgher AB, Amaral EFL, Neves AVC. 2013. “Socio-racial bonus policy in the Federal University of Minas Gerais (UFMG).” In: *Workshop on Demography and Race*. Belo Horizonte: UT-Austin/CEDEPLAR-UFMG, June 20.
- Amaral EFL. 2013. “Determinants of female sterilization in Brazil, 2001–2006.” In: *2013 Annual Meeting of the Population Association of America (PAA)*. New Orleans: PAA, April 11–13.
- Amaral EFL, Monteiro VP, Gonçalves GQ. 2013. “An evaluation of the impact of the educational conditions of Brazil’s Bolsa Família Program.” In: *Inequality Workshop, Department of Sociology, New York University*. New York: New York University, February 25.
- Hopkins K, Amaral EFL, Mourão ANM. 2013. “High and rising: Cesarean section rates in Brazil, 1998–2008.” In: *Seventh Annual Research Conference on Population, Reproductive Health, and Economic Development (PopPov Research Network)*. Oslo: The Hewlett Foundation & Population Reference Bureau, January 23–26.

## RESEARCH EXPERIENCE

### Research Projects at Texas A&M University

- 2017–present *Association of attitudes toward U.S. immigration with demographic, socioeconomic, and political factors, 1996–2016*  
– Team: E Amaral (PI), G Marquez-Velarde  
– Role: We investigate demographic, socioeconomic, and political factors associated with attitudes toward U.S. immigration, using cross-sectional data from the General Social Survey
- 2017–present *A meta-regression analysis of intergenerational transmission of income and the Great Gatsby curve*  
– Team: EFL Amaral (PI), F Perez-Arce, Wang X, Yen SK  
– Role: Meta-regression analysis about the correlation between income inequality and intergenerational transmission of income
- 2017–present *Informal economic sector, population aging, educational attainment, and earnings in Brazil*  
– Team: EFL Amaral (PI), BL Queiroz, GQ Gonçalves, SHR Faustino  
– Role: This project estimates the association of composition of the workforce by economic sector, age, and education with individual earnings of workers using Brazilian Demographic Censuses

### Research Projects at the RAND Corporation

- 2016–2017 *Marriage and fertility in Korea: A life-cycle model of women's education, work, and family decision*  
– Team: I Lopez-Garcia (PI), D Knapp, J Lee, M Hurd, K Kumar, E Amaral  
– Client: Korea Institute for Health and Social Affairs (KIHASA)  
– Role: We develop a model of decision making for Korean women throughout their life course, including whether to work, to get married, and to have children
- 2016–2017 *Measuring urban complexity*  
– Team: A Frank (PI), T Gulden, E Amaral, J Willcox, S Chonde  
– Client: RAND-Initiated Research (RIR) Program  
– Role: This project is an exploratory effort investigating a scheme for measuring and comparing the physical and social complexity of cities (London, Los Angeles, São Paulo). The work includes theoretical development, city selection, data gathering, and spatial analysis
- 2016–2017 *How do we solve affordable housing?*  
– Team: N Burger (PI), H Schwartz, E Amaral, L Ecola  
– Client: RAND-Initiated Research (RIR) Program  
– Role: This project addresses affordable housing through increasing supply, including: (1) literature review on economic research about increased supply of housing and on how specific policies increase housing supply; (2) conduct interviews with policymakers; (3) disseminate findings through an interactive website
- 2016–2017 *Economic integration of refugees in Europe*  
– Team: E Amaral (PI), S Culbertson, M Woldetsadik, G Armenta, E Erkut  
– Client: The Pardee Global Human Progress Initiative, Pardee RAND Graduate School  
– Role: This project aims to provide policymakers and researchers an overall understanding of integration issues experienced by refugees in host countries by conducting a literature review, an investigation of economic situations of refugees, and an analysis of labor force surveys of native populations
- 2016–2017 *Intergenerational effects of internal migration on labor and health outcomes in Indonesia*  
– Team: E Amaral (PI), M Weden, C Peterson  
– Client: RAND Center for the Study of Aging  
– Role: We explore how later life health trajectories are associated with migration, early life experiences, and economic and demographic changes, utilizing five waves of the Indonesian Family Life Survey
- 2016 *Reweighting of the 2014 ACS uninsured & off-marketplace non-group population to account for the impact of the Affordable Care Act*  
– Team: C Price (PI), EFL Amaral  
– Client: Department of Health and Human Services  
– Role: Calibration of survey weights using iterative proportional fitting (raking) statistical package

- 2016 ***The formal-informal labor nexus and growth: The case of Bangladesh***  
 – Team: K Kumar (PI), S Nataraj (PI), I Gutierrez, EFL Amaral, and several others  
 – Client: UK Department for International Development  
 – Role: Generation of maps with the location of households surveyed to understand the role of informal economic sector in growth and its interactions with formal economic sector in a micro and macro perspective
- 2015 ***Develop an evaluation design for military spouse education and career opportunities (SECO) programs***  
 – Team: GC Gonzalez (PI), LL Miller (PI), D Knapp, ME Totten, JW Wenger, EFL Amaral, and several others  
 – Client: Office of Secretary of Defense  
 – Role: Estimation of models and marginal effects to evaluate the potential for My Career Advancement Account (MyCAA) to support the educational and employment outcomes for eligible military spouses
- 2015 ***Building analytic capacity for monitoring & evaluating the implementation of the Affordable Care Act***  
 – Team: CE Eibner (PI), JW Timbie (PI), C Price, EFL Amaral, and several others  
 – Client: Department of Health and Human Services  
 – Role: Calibration of survey weights using iterative proportional fitting (raking) statistical package
- 2014–2015 ***Does inequality in opportunity follows inequality in income? An analysis of global trends in income mobility, perceived economic opportunity and income inequality***  
 – Team: F Perez-Arce (PI), EFL Amaral  
 – Client: RAND-Initiated Research  
 – Role: Meta-regression analysis of intergenerational transmission of income and the “Great-Gatsby Curve”
- 2014–2015 ***Current and projected characteristics and unique health care needs of the patient population served by the Department of Veterans Affairs***  
 – Team: C Farmer (PI), CE Eibner (PI), H Krull (PI), M Pollard, EFL Amaral, J Mendelsohn, M Cefalu, and several others  
 – Data: 2000 U.S. Demographic Census; 2005–2013 American Community Surveys; Defense Manpower Data Center  
 – Client: U.S. Department of Veterans Affairs; MITRE Corporation  
 – Role: Projection of the 2014–2024 Veterans’ population by age, gender, race/ethnicity, service era, and Public Use Microdata Areas
- 2014–2015 ***Analysis of employment barriers for people with disability in the Department of Defense***  
 – Team: N Lim (PI), M Matthews (PI), EFL Amaral, and several others  
 – Data: Office of Personnel Management (OPM) database; 2008–2013 American Community Surveys  
 – Client: Office of Secretary of Defense  
 – Role: Calibration of survey weights using iterative proportional fitting (raking) statistical package
- 2014–2015 ***Analysis of employment barriers for Hispanic population in the Department of Defense***  
 – Team: M Matthews (PI), BR Orvis (PI), EFL Amaral, and several others  
 – Data: Office of Personnel Management; 2008–2013 American Community Surveys  
 – Client: Office of Secretary of Defense  
 – Role: Calibration of survey weights using iterative proportional fitting (raking) statistical package

## Research Projects at the Federal University of Minas Gerais (UFMG), Brazil

- 2014–2016 ***Demographic transition, labor market, and human capital concentration in developing countries***  
– Team: BL Queiroz (PI), EFL Amaral, AB Golgher  
– Data: 1970–2010 Brazilian Demographic Censuses; Brazilian Household Surveys (PNAD)
- 2012–2014 ***Determinants of female sterilization in Brazil***  
– Team: EFL Amaral (PI), JE Potter  
– Data: 2006 Brazilian Demographic and Health Surveys
- 2010–2014 ***Evaluation of conditional cash transfer programs in Latin America***  
– Team: EFL Amaral (PI)  
– Data: 2005 and 2009 Household Surveys by the Brazilian Ministry of Social Development; 2010 Brazilian Demographic Census
- 2009–2014 ***Evaluation of affirmative action policies in Brazilian universities***  
– Team: EFL Amaral (PI), AB Golgher  
– Data: 2009–2010 socioeconomic and grade point average data from UFMG students
- 2012–2013 ***Projection of Brazilian population using PADIS-INT software, developed by the China Population and Development Research Center (CPDR)***  
– Team: EFL Amaral (PI), JO Muniz, BL Queiroz, LLR Wong, JIR Rigotti, MGB Figoli  
– Data: 1980–2010 Brazilian Demographic Censuses
- 2011–2013 ***Impacts of educational and demographic transitions on economic development***  
– Team: EFL Amaral (PI), JE Potter, ELG Rios-Neto  
– Data: 1970–2000 Brazilian Demographic Censuses
- 2011–2013 ***Evaluation of housing policies implemented by the Brazilian growth acceleration program***  
– Team: EFL Amaral (PI), MM Inácio  
– Data: Primary data collection (household survey in the metropolitan region of Belo Horizonte)
- 2009–2013 ***The role of nonclinical factors in cesarean section rates in Brazil***  
– Team: K Hopkins (PI), EFL Amaral  
– Data: 1998, 2003, and 2008 Brazilian National Household Surveys
- 2010–2011 ***Inequalities in access to health care in Brazil and India: closing the gap for the poorest-poor***  
– Team: AJ Caetano (PI), ELG Rios-Neto, EFL Amaral  
– Data: 1996 and 2006 Demographic and Health Surveys
- 2010–2011 ***Unemployment benefits and formality in the Brazilian labor market***  
– Team: EFL Amaral (PI), ANM Mourão, ME Almeida  
– Data: 1999–2009 Brazilian National Household Surveys
- 2009–2010 ***Elaboration of regional planning and population projection for the metropolitan region of Belo Horizonte, Brazil***  
– Team: RLM Monte-Mór (PI), BL Queiroz, EFL Amaral, RO Santos, GM Umbelino, SAL Silva  
– Data: 1980–2000 Brazilian Demographic Censuses
- 2009–2010 ***Effects of migration flows on the labor markets***  
– Team: EFL Amaral (PI), JE Potter, ELG Rios-Neto  
– Data: 1970–2010 Brazilian Demographic Censuses



#### **Public Policy Analyst at the Center of Studies of Public Policies at the João Pinheiro Foundation (FJP), Brazil**

- 2008–2009 *Implementation of the 2009 household survey in the state of Minas Gerais (PAD-MG)*  
– Data: Primary data collection. This survey utilized a Computer Assisted Interviewing (CAPI) system in a state with a population of over 20 million people. We used the Census and Survey Processing System (CSPro) software package, developed by the United States Census Bureau and ICF Macro
- 2008–2009 *Evaluation of public policy on reducing maternal and infant mortality in the state of Minas Gerais*  
– Data: Primary data collection (fieldwork and household survey)
- 2008–2009 *Evaluation of public policy on improving family agriculture in the state of Minas Gerais*  
– Data: Primary data collection (fieldwork and household survey)

#### **Post-Doctoral Researcher at the Center of Development and Regional Planning (CEDEPLAR), Brazil**

- 2007–2008 *Demographic change and economic well being at the local level in Mexico and Brazil*  
– Team: JE Potter (PI), DS Hamermesh, EFL Amaral, ELG Rios-Neto  
– Data: 1970–2000 Brazilian Demographic Censuses; 2000 Mexican Demographic Census
- 2007–2008 *The growth of Protestantism in Brazil and its impact on male earnings, 1970–2000*  
– Team: JE Potter (PI), EFL Amaral  
– Data: 1970–2000 Brazilian Demographic Censuses

#### **Research Assistant at the Population Research Center at the University of Texas at Austin**

- 2005–2007 *Demographic change and economic well being at the local level in Mexico and Brazil*  
– Team: JE Potter (PI), DS Hamermesh, EFL Amaral, ELG Rios-Neto  
– Data: 1970–2000 Brazilian Demographic Censuses; 2000 Mexican Demographic Census
- 2003–2005 *Influence of government programs on the fertility of the poor: a comparison between Mexico and Brazil*  
– Team: JE Potter (PI), EFL Amaral  
– Data: 2000 Mexican and Brazilian Demographic Censuses; Demographic and Health Surveys
- 2003–2004 *Chain migration and residential segregation in the metropolitan region of São Paulo*  
– Team: E Skop (PI), JE Potter, EFL Amaral, PA Peters, W Fusco  
– Data: 2000 Brazilian Demographic Census
- 2002–2005 *Nonclinical factors in cesarean section in Brazil: type of hospital is key*  
– Team: K Hopkins (PI), EFL Amaral  
– Data: 1998 and 2003 Brazilian National Household Surveys

#### **Research Assistant at the Federal University of Goiás (UFG), Brazil**

- 1999–2000 *Social indicators of education, health, employment, and violence - Goiânia and surrounding areas*  
– Team: FCE Rabelo (PI), EFL Amaral
- 1998–1999 *Cultural practices of the youth in the suburbs of Goiânia and social perception*  
– Team: FCE Rabelo (PI), EFL Amaral
- 1998 *Cultural forms and social perception of visitors at art and street food markets*  
– Team: FCE Rabelo (PI), EFL Amaral
- 1996 *In the background of politics: how do Brazilians think and act politically*  
– Team: PCA Borges (PI), EFL Amaral

#### **Enumerator at the University of Brasília (UnB), Brazil**

- 1997 *Brazilian cooperative census*  
– Team: PCA Borges (PI), EFL Amaral

## GRANTS AND FELLOWSHIPS

- 2015–2016 Pilot research grant: *RAND Center for the Study of Aging*, Jul. 2015 – Jun. 2016. (\$40,000)
- 2012–2014 Research grant: *Minas Gerais Research Support Foundation (FAPEMIG)*, Brazil, Mar. 2012 – Feb. 2014. (\$19,000)
- 2012–2014 Research grant: *Brazilian Ministry of Science, Technology, and Innovation (CNPq/MCTI)*, Mar. 2012 – Feb. 2014. (\$8,000)
- 2010–2012 Research grant: IPEA/CAPES Program for Development from the *Brazilian Institute of Applied Economic Research (IPEA)* and the *Brazilian Ministry of Education (CAPES/MEC)*, Dec. 2010 – Nov. 2012. (\$28,000)
- 2009–2010 Research grant: Demographic Dynamics and Brazilian Development in the Long Term from the *Brazilian Institute of Applied Economic Research (IPEA)* and the *Brazilian Association of Population Studies (ABEP)*, Sep. 2009 – Aug. 2010. (\$14,000)
- 2007–2008 Post-doctoral scholarship: *Minas Gerais Research Support Foundation (FAPEMIG)*, Brazil, Oct. 2007 – Sep. 2008. (\$13,200)
- 2005–2008 Research assistant: *John D. and Catherine T. MacArthur Foundation* through the Program on Global Security and Sustainability in the Population and Reproductive Health Area, *The University of Texas at Austin*, Aug. 2005 – Jul. 2007. (PI: Joseph E. Potter, 0584900000GSS). (\$30,400)
- 2006–2007 Dissertation fellowship: Population, Reproductive Health, and Economic Development from the *William and Flora Hewlett Foundation* and the *Population Reference Bureau (PRB)*, Population and Poverty (PopPov) Research Network, Aug. 2006 – Jul. 2007. (\$20,000)
- 2002, 2004 & 2007 Research award: *David Bruton, Jr. Graduate Fellowship, The University of Texas at Austin*, Aug. 2002, Aug. 2004, Jun. 2007. (\$1,000 each)
- 2002–2006 Ph.D. scholarship: *Brazilian Ministry of Education (CAPES/MEC)* and *Institute of International Education (IIE)*, Aug. 2002 – Jul. 2006. (\$52,800 plus tuition, fees, and health insurance)
- 2002–2005 Ph.D. research assistant: *William and Flora Hewlett Foundation* Research and Training in Latin American Population Issues, *The University of Texas at Austin*, Aug. 2002 – Jul. 2005. (PI: Joseph E. Potter, 2003–9283). (\$30,000)
- 2003 & 2004 Research award: *Andrew W. Mellon Foundation* Fellowships for Graduate Student Research and Training, *The University of Texas at Austin*, May–Aug. 2003, May–Aug. 2004. (\$2,500 each)
- 2001–2002 M.A. scholarship: *Brazilian Ministry of Education (CAPES/MEC)*, *Federal University of Minas Gerais*, Jan. 2001 – Feb. 2002. (\$5,700)
- 2000 M.A. scholarship: *Brazilian Ministry of Science, Technology, and Innovation (CNPq/MCTI)*, *Federal University of Minas Gerais*, Mar.–Dec. 2000. (\$4,070)
- 1998–2000 B.A. research assistant: *Brazilian Ministry of Science, Technology, and Innovation (CNPq/MCTI)*, *Federal University of Goiás*, Jan. 1998 – Jan. 2000. (\$3,400)

## TECHNICAL PROFICIENCIES

Statistical analysis: STATA, SAS, SPSS, HLM

Spatial analysis: ArcGIS, GeoDA

Other: Microsoft Office, Unix, FTP, HTML

## LANGUAGE PROFICIENCIES

Portuguese (native fluency)

English (advanced fluency)

Spanish (moderate proficiency)

French (low proficiency)

## COMPLEMENTARY EDUCATION

- Summer 2015 The Berkeley Formal Demography Workshop, organized by the *University of California, Berkeley Population Center*, August 17–21.
- Spring 2008 Workshop on Innovations in Research Design: Understanding Poverty, Population, and Health Dynamics, sponsored by the *William and Flora Hewlett Foundation*, and hosted by *Duke University*, May 15–16.
- Spring 2008 Stanford Workshop in Formal Demography, supported by the U.S. National Institute of Child Health and Human Development, the Stanford Center for Population Research, and the Institute for Research in the Social Sciences at *Stanford University*, May 1–4.
- 2005–2006 Population Policy Communication Fellows Program at the *Population Reference Bureau*. This was a nine-month program in which fellows participated in a two-week seminar on policy communication, June 20 – July 1, 2005, as well as in a workshop preceding the Population Association of America’s annual meeting in Los Angeles, March 28–29, 2006.
- Summer 2005 Geographic Information System (GIS) and Population Science Workshop at the *Pennsylvania State University*, sponsored by the Center for Spatially Integrated Social Sciences and the Population Research Institute at Penn State, May 29 – June 11.
- Summer 1999 Quantitative Methodologies Seminar in Social Sciences at the *Federal University of Minas Gerais*, Brazil, sponsored by the Ford Foundation, June 28 – Aug. 6.

## PROFESSIONAL ACTIVITIES

### Professional association memberships

- International Union for the Scientific Study of Population (IUSSP)  
American Sociological Association (ASA)  
Population Association of America (PAA)

### Meeting organization

- 2014 Session organizer (706. Reaping the Demographic Dividend in Developing Countries) for Population Association of America (PAA)
- 2010 International Seminar of Public Policies and Management, Federal University of Minas Gerais, Brazil

### Editorial activities

- Associate Editor for *International Journal of Population Studies* (IJPS).  
Reviewer for *Demographic Research*; *Population Review*; *Population Research and Policy Review* (PRPR); *Poverty & Public Policy*.

### Invited presentations

- 2015 7th seminar of the Brazilian Network for Monitoring and Evaluation (RBMA), João Pinheiro Foundation, Brazil
- 2013 Keynote speaker during freshmen student welcoming ceremony, Federal University of Minas Gerais, Brazil
- 2013 Inequality Workshop, Department of Sociology, New York University
- 2012 Laboratory of Social Information Workshop, State University of West Paraná, Brazil
- 2011 Seminar of the Center of Brazilian Republican Studies, Brazil
- 2011 Seminar Series of the Graduate Program in Demography, Center of Development and Regional Planning, Brazil
- 2010 Quantitative Methods in the Social Sciences Seminar, Columbia University
- 2009 Graduate Program in Political Science Seminar, Federal University of Pernambuco, Brazil
- 2008 Graduate Program in Public Management Seminar, João Pinheiro Foundation, Brazil
- 2004, 2007 Population Research Center Brown Bag Seminar, The University of Texas at Austin
- 2004 The Alan Guttmacher Institute Seminar

## TEACHING EXPERIENCE (GRADUATE)

<i>Introduction to Demography</i> Spring 2016	Public Policy / Pardee RAND Graduate School
<i>Social Statistics: Basic Concepts and Linear Regression Models</i> Fall 2010, Fall 2011, Fall 2012, Fall 2013	Political Science / Federal University of Minas Gerais (UFMG), Brazil
<i>Social Statistics: Basic Concepts</i> Fall 2013 (intensive class)	Bioethics / Nueva Granada Military University (UMNG), Colombia
<i>Research Design and Empirical Analysis</i> with MM Inácio Fall 2010	Political Science / UFMG
<i>Data Analysis with Stata</i> Spring 2009 (intensive class)	Political Science / UFMG
<i>Linear Regression Analysis</i> Summer 2011, Summer 2012, Summer 2013	Sociology / UFMG
<i>Advanced Migration Theory and Methods</i> with JAM Carvalho, AF Barbieri Spring 2008	Demography / UFMG

## TEACHING EXPERIENCE (PROFESSIONAL DEVELOPMENT)

<i>Estimation and Evaluation of Socioeconomic Indicators</i> Fall 2008, Spring 2009, Fall 2011 Fall 2011 (intensive class), Fall 2012 (intensive class)	Sociology / UFMG
<i>Statistical Methods for the Social Sciences</i> Fall 2012	Sociology / UFMG

## TEACHING EXPERIENCE (UNDERGRADUATE)

<i>Evaluation of Public Policies</i> Spring 2011, Fall 2011, Spring 2012, Fall 2012, Spring 2013, Fall 2013, Spring 2014	Public Management / UFMG
<i>Techniques for the Evaluation of Public Policies</i> Spring 2013	Public Management / UFMG
<i>Introduction to Research Methodology</i> Spring 2010, Fall 2010, Spring 2011, Spring 2012, Spring 2014	Public Management / UFMG
<i>Evaluation of Public Policies</i> Spring 2010	Social Sciences / UFMG
<i>Introduction to Demography</i> (teaching assistant) with RN Rodrigues Spring 2001	Demography / UFMG

## **ADVISING ACTIVITIES**

### **Dissertation qualification committees**

Student completed: MA Paulo (2012)

### **Master's thesis committee chair**

Student completed: PA Matos (2013), VP Monteiro (2014)

### **Master's thesis committees**

Students completed: MMA Brito (2008), DCR Javiqué (2011), GA Casalecchi (2012), FL Eduardo (2012), VC Freitas (2012), ME Almeida (2013), AA Freitas (2013), MR Siqueira (2013), CC Mendonça (2014), GQ Gonçalves (2015), WSC Silva (2016)

### **Graduate program for professionals' committee chair**

Students completed: RAN Netto (2012), AA Borba (2013), CRCR Carmona (2013), LC Carvalho (2013), C Alcântara (2013)

### **Undergraduate thesis committee chair**

Students completed: NAF Menhem (2010), IL Vianna (2010), AVC Neves (2011), BA Gontijo (2011), VP Monteiro (2011), DB Pimenta (2013), SHR Faustino (2013), PC Pinheiro (2013), AM Silva (2014), IRH Londe (2014), JA Andrade (2014)

### **Undergraduate thesis committees**

Students completed: LC Figueiredo (2010), ME Almeida (2010), ANM Mourão (2011), GQ Gonçalves (2012), RO Paulino (2013)

## **SERVICE ACTIVITIES**

- 2017 Reviewer for Social Sciences and Population Studies A (SSPA) Study Section, Population Sciences and Epidemiology (PSE) Integrated Review Group, National Institutes of Health (NIH), February 16.
- 2014–2016 Coordinator of the Sociology Seminar Series at the RAND Corporation.
- 2012–2014 Vice-Director of the Center of Quantitative Research in Social Sciences in the College of Liberal Arts at the Federal University of Minas Gerais.
- 2012–2014 Vice-Coordinator of the introductory courses in the social sciences area in the College of Liberal Arts for students of the Federal University of Minas Gerais.
- 2011–2014 Coordinator of the computer lab in the Department of Sociology and Department of Political Science at the Federal University of Minas Gerais.
- 2011–2014 Committee member of organization focusing on urban planning studies for small cities in the south of Brazil, sponsored by southern municipal governments.
- 2009–2014 Member of a committee working with the university president and provost of undergraduate programs to implement affirmative action policies in order to increase the enrollment of students from low socioeconomic backgrounds in the Federal University of Minas Gerais.
- 2010–2012 Tutor of graduate students in the Department of Political Science at the Federal University of Minas Gerais.
- 2010–2012 Coordinator of the methodological teaching committee in the Department of Political Science at the Federal University of Minas Gerais.
- 2009–2011 Evaluation of housing public policies for the Metropolitan Region of Belo Horizonte, sponsored by the Brazilian Ministry of Cities.
- 2009–2010 Member of committee dealing with urban planning studies in the Metropolitan Region of Belo Horizonte, sponsored by the Minas Gerais state government.
- 2010 Member of committee regulating the prerequisites of the Public Management undergraduate program of the Department of Political Science at the Federal University of Minas Gerais.
- 2009 Member of committee developing the criteria for distance education regarding the Public Management undergraduate program of the Department of Political Science at the Federal University of Minas Gerais.

## REFERENCES

### **Krishna Kumar, Senior Economist**

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RAND Corporation  
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### **Daniel A. Powers, Professor**

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### **Narayan Sastry, Research Professor**

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