

# Alexis R. Santos

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College of Health and Human Development  
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## Current position

- 2024-Present Associate Professor of Human Development and Family Studies, Pennsylvania State University
- *Faculty, J. Jeffrey and Ann Marie Fox Graduate School*
  - *Faculty, Dual-Degree Program in Demography*
  - *Co-Fund, Social Science Research Institute*
  - *Assistant Director and Research Associate, Center for Healthy Aging*
  - *Research Associate, Population Research Institute*
  - *Affiliate Scientist, QuantDev*

## Areas of Interest

Areas: *Demography, Population Health, Inequality, Environmental Demography*  
Methods: *Regression, Causal Impact, Demographic Analysis, Spatial Demography*

## Academic Appointments

- 2024-Present Associate Professor of HDFS and Demography, Pennsylvania State University
- 2018-2024 Assistant Professor of HDFS and Demography, Pennsylvania State University
- 2015-2018 Director of Graduate Studies in Applied Demography, Pennsylvania State University
- 2015-2018 Assistant Teaching Professor of Sociology, Pennsylvania State University
- 2015-2017 Postdoctoral Researcher, Oak Ridge Institute for Science and Education (ORISE)

## Education

- 2015 **Ph.D.** in Applied Demography, College of Public Policy, University of Texas at San Antonio
- 2012 **M.A.** in Economics, Social Sciences Faculty, University of Puerto Rico, Río Piedras
- 2010 **B.A.** in Economics, Department of Social Sciences, University of Puerto Rico at Cayey

## Other Relevant Appointments

- 2022-2025 Consultant, Brown University
- Summer 2024 Visiting Scholar, Max Planck Institute for Demographic Research
- Summer 2018 Summer Scholar, US Census Bureau
- 2012-2015 Graduate Research Assistant, University of Texas at San Antonio
- 2013-2014 Consultant, Policy Wisdom, LLC
- Summer 2012 Principal Investigator, Puerto Rico Institute of Statistics

## Publications

### JOURNAL ARTICLES

- 2025 Roque, N. A., Andrews, H., **Santos-Lozada, A. R.** (2025), Identifying air quality monitoring deserts in the United States, *Proceedings of the National Academy of Sciences*.
- 2025 **Santos-Lozada, Alexis R.** and Cuxil, E. (2025), The effects of the COVID-19 pandemic on remittances in Guatemala: A Causal Impact Analysis, *Economics Letters*.
- 2025 Segovia, M.D., Sparks, P.J. and **Santos-Lozada, Alexis R.** (2025), Double vulnerability? Examining the effect of living in Nonmetropolitan Areas within Non-Expansion Medicaid States on Health Status among Working-Age adults in the United States, 2022-2023, *SSM-Population Health*.
- 2025 Matos-Moreno, A. Alburez-Gutiérrez, D., Williams, I., Verdery, A., Fernández, M. and **Santos-Lozada, Alexis R.** (2025), Kinship Structures for Left Behind Older Adults in High Outmigration Contexts: Evidence from Puerto Rico, *Journal of Gerontology: Social Sciences*.
- 2025 Albrecht-Soto, S. and **Santos-Lozada, Alexis R.** (2025), Neighborhood cohesion and symptoms of anxiety across racial/ethnic groups in the United States, *Journal of Community Psychology*.
- 2024 Jones, A. A., Segel, J. E., Skogseth, E.M., Apsley, H.B., **Santos-Lozada, Alexis R.** (2024). Drug overdose deaths among women 1999-2021 in the United States: Differences by race, ethnicity and age, *Women's Health*.
- 2024 Howard, J. T., Androne, N., Allcover, K. and **Santos-Lozada, Alexis R.** (2024). Trends in Heat-Related Deaths in the United States 1999-2023, *Journal of the American Medical Association*.
- 2024 Apsley, H. B., **Santos-Lozada, Alexis R.**, Gray, J., Hard, G. and Jones, A.A. (2024). Substance Use Treatment Utilization Among Individuals With Substance Use Disorders in the United States During the COVID-19 Pandemic: Findings on the Role of Polysubstance Use, Criminal Justice Involvement, and Mental Illness From the National Survey on Drug Use and Health, *Substance Use Research & Treatment*.
- 2024 Cheng, K. J. and **Santos-Lozada, Alexis R.** (2024). Mental and Physical Health Among “sandwich” generation working-age adults in the United States: Not all sandwiches are made equal, *SSM - Population Health*.
- 2024 Jones, A.A., Waghmare, S.A., Segel, J.E., Harrison, E.D., Apsley, H.B. and **Santos-Lozada, Alexis R.** (2024). Regional differences in fatal drug overdose deaths among Black and White individuals in the United States, 2012-2021, *The American Journal on Addictions*.
- 2024 Surachman, A., Harhay, M., **Santos, Alexis R.**, Daw, J.K., Alexander, L.M., Almeida, D.M., Coe, C.L. (2024). Financial hardships and age-related decrements in kidney function among Black and White adults in the Midlife in the United States (MIDUS) study, *Psychosomatic Medicine*.

- 2024 Jones, A.A., Hard, G., Gray, J., Apsley, H.B., **Santos-Lozada, Alexis R.** (2024). The role of substance use disorders on suicidal ideation, planning and attempts: a nationally representative study of adolescents and adults in the United States, 2020, *Substance Abuse: Research & Treatment*.
- 2024 Rhubart, D.C. and **Santos-Lozada, Alexis R.** (2024). Research Note Showing that the Rural Mortality Penalty Varies by Region, Race, and Ethnicity in the United States, *Demography*.
- 2023 **Santos-Lozada, Alexis R.** and Rivera-Reyes, B.M. (2023). Hurricane Fiona and Puerto Rico: Compounding Disasters Complicate Post-Disaster Assessments, *American Journal of Epidemiology*.
- 2023 Pesando, L.M., Dorelein, A., St-Denis, X., **Santos, Alexis** (2023). Demography as a Field: Where we came from and where we are headed, *Canadian Studies in Population*.
- Award for Best Paper published in the *Journal of Canadian Studies in Population* in 2023
- 2023 Gray, J., **Santos-Lozada, Alexis R.**, Hard, G., Apsley, H., O’Sullivan, D., Jones, A.A. (2023). Serious Psychological Distress, Substance Use Disorders, and Social Issues among Men and Women in the United States during the COVID-19 Pandemic, *American Journal of Health Promotion*.
- 2023 **Santos-Lozada, Alexis R.**, Howard, J.T., Monnat, S., Sliwinski, M.J., Jensen, L. (2023). Age differences in Allostatic Load among Adults in the United States by rural-urban residence, *SSM-Population Health*.
- 2023 Jones, A.A., Shrearer, R.D., Segel, J.E., **Santos-Lozada, Alexis R.**, Strong-Jones, S., Vest, N., Teixeira da Silva, S., Khatri, U.G., Winkelman, T.N.A. (2023). Opioid and stimulant attributed treatment admission and fatal overdoses: Using national surveillance data to examine the intersection of race, sex, and polysubstance use, 1992-2020, *Drug & Alcohol Dependence*.
- 2023 **Santos-Lozada, Alexis R.** (2023). Trends in deaths from falls among adults 65 years and older in the United States, 1999-2020, *Journal of the American Medical Association (JAMA)*.
- Covered by the Washington Post: Over 36,000 older people in the US died in falls in 2020
- 2023 Jones A.A., **Santos-Lozada, Alexis R.**, Pérez-Brumer, A., Latkin, C., Shoptaw, S. and El-Bassel, N. (2023). Age-Specific Disparities in Fatal Drug overdoses highest among older Black adults and American Indian/Alaska Native individuals of all ages in the United States, 2015-2020, *International Journal of Drug Policy*.
- 2023 Jones, A.A., **Santos-Lozada, Alexis R.** (2023). The impact of Racism, Class and Criminal Justice on Women’s Distress and Health: A Reinforcing Cycle of Social Disadvantage, *American Journal of Public Health*.
- 2023 **Santos-Lozada, Alexis R.** (2023). Implications of Spanish interviews in health surveys in the United States: the case of self-reported health, *Preventive Medicine Reports*.
- 2022 **Santos-Lozada, Alexis R.** (2022). English-Spanish gap in poor/fair self-reported health increased for Hispanic adults between 1997 and 2018, *Journal of Immigrant & Minority Health*.

- 2022 Apsley, H.B., Vest, N., Knapp, K.S., **Santos-Lozada, Alexis R.**, Joy, G., Hard, G., Jones, A.A. (2022). Non-Engagement in Substance Use Treatment among Women with an Unmet Need for Treatment: A Latent Class Analysis on Multidimensional Barriers, *Drug & Alcohol Dependence*.
- 2022 Ye, L.Z., **Santos-Lozada, Alexis R.** (2022). U.S. Immigrants Have Highly Heterogeneous Perceptions of How Selected They Are on Health, *Socius*.
- 2022 Matos-Moreno, A., Verdery, A.M., Mendes de León, C., De Jesús Monge, V., **Santos-Lozada, Alexis R.** (2022). Aging and the Left Behind: Puerto Rico and its Unconventional Rapid Aging, *The Gerontologist*.
- Covered by The Washington Post: In graying Puerto Rico, the elderly face climate disasters alone
- 2022 Bhat, A.C., Almeida, D.M., Fenelon, A., **Santos-Lozada, Alexis R.** (2022). A longitudinal analysis of the relationship between housing insecurity and physical health among midlife and aging adults in the United States, *SSM-Population Health*.
- 2022 **Santos-Lozada, Alexis R.** (2022). A general pattern of health erosion? An examination of self-reported health status from 1997-2018, *SSM-Population Health*.
- 2022 Mueller, J.T., **Santos-Lozada, Alexis R.** (2022). The 2020 U.S. Census Differential Privacy Method Introduces Disproportionate Discrepancies for Rural and Non-White populations, *Population Research & Policy Review*.
- 2022 Matos-Moreno, A., **Santos-Lozada, Alexis R.**, Mehta, N., Mendes de León, C., Le-Scherban, F., and De Line Frice, A.A. (2021). Migration is the driving force of rapid aging in Puerto Rico, *Population Research & Policy Review*.
- 2022 Howard, J. T., Sparks, C. S., **Santos-Lozada, Alexis R.**, Olowolaju, S.A., Janak, J., Howard, K.J. (2021). Trends in Mortality among Pregnant and Recently Pregnant Women in the United States, 2015-2019, *Journal of the American Medical Association (JAMA)*.
- Covered by the Population Reference Bureau in Drug Overdose May Drive Death Rate Rise among Recently Pregnant U.S. Women
- 2021 Faytong-Haro, M., **Santos-Lozada, Alexis R.** (2021). What do time-use patterns tell us about the validity of self-reported health?, *SSM-Population Health*.
- 2021 Muñoz, I.G., **Santos-Lozada, Alexis R.** (2021). Educational attainment and Psychological Distress among Working-Age Adults in the United States, *SSM-Mental Health*.
- 2021 **Santos-Lozada, Alexis R.** (2021). Changes in census data will affect our understanding of infant health disparities, *Socius*.
- 2021 Surachman, A., **Santos, Alexis R.**, Daw, J.D., Alexander, L., Almeida, D.M., Coe, C.L. (2021). Life Course Pathways from Parental Education to Age-Related Decrements in Kidney Function among Black and White American Adults, *Psychoneuroendocrinology*.

- 2021 Chandler, R.F., **Santos-Lozada, Alexis R.** (2021). Health Status among NEET adolescents and young adults in the United States, 2016-2018, *SSM-Population Health*.
- 2021 Surachman, A., Jenkins, A.I.C., **Santos-Lozada, Alexis R.**, Almeida, D.M. (2021). Socioeconomic trajectories across the life course, daily discrimination, and inflammation among Black and White adults. *Psychoneuroendocrinology*.
- 2021 Hauer, M.E., **Santos-Lozada, Alexis R.** (2021). Differential Privacy in the 2020 Census will distort COVID-19 rates, *Socius*.
- 2021 Howard, J.T., Janak, J.C., **Santos-Lozada, Alexis R.**, McEvilla, S., Ansley, S.D., Walker, L.E., Spiro, A., Stewart, I.J. (2021). Telomere shortening and accelerated aging in U.S. Military Veterans. *International Journal of Environmental Research & Public Health*.
- 2021 **Santos-Lozada, Alexis R.** (2021). A cautionary tale for measuring the effect of the 10/17 Las Vegas shooting and 01/18 Hawaii false missile alert, *Early Human Development*.
- 2020 Chapman, A., **Santos-Lozada, Alexis R.** (2020). Racial and ethnic differences in associations between social integration, C-Reactive Protein and depressive symptoms, *SSM-Population Health*.
- 2020 **Santos-Lozada, Alexis R.** (2020). A cautionary tale for measuring the effect of the 10/17 Las Vegas shooting and 01/18 Hawaii false missile alert, *Early Human Development*.
- 2020 **Santos-Lozada, Alexis R.**, Kaneshiro M., McCarter, C., Marazzi-Santiago, M. (2020). Puerto Rico Exodus: Long-Term Economic Headwinds Prove Stronger than Hurricane Maria, *Population & Environment*.
- 2020 Hauer, M.E., **Santos-Lozada, Alexis R.** (2020). Inaction on Climate Change Projected to Reduce European Life Expectancy, *Population Research and Policy Review*.
- 2020 **Santos-Lozada, Alexis R.**, Howard, J.T., Verdery, A.M. (2020). How differential privacy will affect our understanding of health disparities in the United States, *Proceedings of the National Academy of Science*.
- 2019 **Santos-Lozada, Alexis R.**, Howard, J.T. (2019). Excess death estimates in Puerto Rico have been consistent all along, *Epidemiology*.
- 2019 **Santos-Lozada, Alexis R.**, Howard, J.T. (2019). Estimates of excess deaths in Puerto Rico: Why Demography Matters, *American Journal of Public Health*.
- 2019 Yellow Horse, A. J., **Santos-Lozada, Alexis R.** (2019). Foreign-born Hispanic Women's Health Patterns in Allostatic Load Convergence to U.S. born Hispanic Women at a Slower Tempo compared to Men, *Women's Health Issues*.
- 2019 Howard, J.T., **Santos-Lozada, Alexis R.** (2019). Mortality Risk within counterfactual models: Puerto Rico and Hurricane Maria, *Lancet Planetary Health*.

- 2019 **Santos-Lozada, Alexis R.**, Howard, J.T. (2019). Excess deaths after Hurricane Maria in Puerto Rico, *Journal of the American Medical Association*.
- 2018 **Santos-Lozada, Alexis R.**, Howard, J.T. (2019). Use of death counts from vital statistics to calculate excess deaths in Puerto Rico following Hurricane Maria, *Journal of the American Medical Association*.
- Covered by Vox, New York Times, Los Angeles Times, The Hill, National Public Radio, CBS News, Bloomberg News, Newsy, Fox News, The Washington Post, CATO Institute, San Francisco Gate, Business Insider, CNN, and several other outlets
  - Featured in a report produced by the Government Accountability Office: Disaster Responses: Federal Assistance and Selected States and Territory Efforts to Identify Deaths from 2017 Hurricanes (GAO-19-486, September 2019).
  - Featured in a report produced by the Government Accountability Office: Disaster Responses: Federal Assistance and Selected States and Territory Efforts to Identify Deaths from 2017 Hurricanes (GAO-19-486, September 2019).
- Our pre-print was the first academic study to find systemic undercount in deaths attributable to Hurricane Maria in Puerto Rico (November 2017).
- **Santos, Alexis R.** and Howard, J.T. (2017). Estimates of excess deaths in Puerto Rico following Hurricane Maria. SocArXiv, <https://osf.io/preprints/socarxiv/s7dmu/>
- 2018 **Santos-Lozada, Alexis R.**, Martinez, M.J. (2018). How are you? or ¿Como estás?: Does language of interview influences self-rated health among Hispanic subgroups?, *Journal Immigrant and Minority Health*.
- 2018 **Santos-Lozada, Alexis R.**, Howard, J.T. (2018). Using allostatic load to validate self-rated health for racial/ethnic groups in the United States, *Biodemography & Social Biology*.
- 2018 **Santos-Lozada, Alexis R.** (2018). Counting deaths and making deaths count: why getting the number right matters for public policy, *Health Affairs*.
- Featured in The Atlantic: Can Puerto Rico recover from Maria before the next storm hits?
- 2018 **Santos-Lozada, Alexis R.**, Daw, J. K. (2018). The contribution of three dimensions of allostatic load to racial/ethnic disparities in poor/fair self-rated health, *SSM-Population Health*.
- Discussed in: How can we reduce Black Maternal Mortality? by K. Drum in Mother Jones
- 2018 Howard, J.T., Kotwal, R.S., **Santos-Lozada, Alexis R.**, Martin, M.J., Stockinger, Z.T. (2018). Re-examination of a Battlefield Trauma Golden Hour Policy, *Journal of Trauma and Acute Care Surgery*.
- 2017 Richards, R., Parry, I.S., **Santos-Lozada, Alexis R.**, Dewey, W.S. (2017). Burn Hand/Finger Goniometric Measurements: Sum of Isolated Parts not equal to Composite Whole, *Journal Burn Care & Research*.
- 2017 Richards, **Santos-Lozada, Alexis R.** (2017). Burn patient acuity demographics, scar contractures and rehabilitation treatment time related to patient outcomes: The ACT Study, *Journal Burn Care & Research*.

2017 Richards, **Santos-Lozada, Alexis R.**, Dewey, W.S., Chung, K.K. (2017). Profile of patients without burn scar contracture development, *Journal of Burn Care & Research*.

2016 **Santos-Lozada, Alexis R.** Self-rated mental health and race/ethnicity in the United States: Support for the Epidemiological Paradox, *PeerJ*.

- Discussed in: Being Optimistic Really Can Lead To Better Mental Health, A New Study Says in Bustle

#### BOOK CHAPTER

2025 Rhubart, D.C., Brandt, K., **Santos-Lozada, Alexis R.** Rural Health and Mortality, *Under Review*.

#### POLICY BRIEFS

2022 Mueller, J.T. and **Santos-Lozada, Alexis R.** Rural Population Research is Constrained by US Census Data Availability and Reliability *Rural Population Research Network*.

2022 Chandler, R.F. and **Santos-Lozada, Alexis R.** Ambulatory and Cognition Challenges Among Older Pennsylvanians *Pennsylvania Population Network*.

2019 Chandler, R.F. and **Santos-Lozada, Alexis R.** Diversity is growing: Youth in Pennsylvania 2000-2018 *Pennsylvania Population Network*.

2019 **Santos-Lozada, Alexis R.** Higher Poverty is Associated with Lower Life Expectancy in Pennsylvania *Data Accelerator*.

### Works in Progress

- Frazier, C. and **Santos-Lozada, Alexis R.** United States adults accumulate more than 4,000 years of “sleep debt” every year. *Under Review*
- Faytong-Haro, M.A., Quijano-Ruiz, A., Sanchez, D., Salazar-Nicholls, S., Gomez Ayora, A.X., Tipán Jimenez, D., Galarraga, O., **Santos-Lozada, Alexis R.** Demographic Shifts and Aging in the Middle of the World: Health Challenges and Policy Opportunities in Ecuador. *Under Review in The Gerontologist*
- Pushpanadh, Sreelakshmi, S., **Santos-Lozada, Alexis R.** Serious Psychological Distress among Rural and Sexual Minority working-age adults in the United States. *Under Review*

### Popular Science Involvement

#### NEW YORK DAILY NEWS

2018 Facts are facts, President Trump: A professor who studied Puerto Rico’s death toll responds (September 14, 2018)

#### THE CONVERSATION

2018 Puerto Ricans don’t trust official information on Hurricane Maria (June 15, 2018)

2018, 2018 Why Puerto Rico’s death toll from Hurricane Maria is so much higher than officials thought

(January 3, 2018 and May 31, 2018)  
 2017 Will Puerto Ricans return home after Hurricane Maria? (November 17, 2017)

#### EL NUEVO DÍA

2020 The population of Puerto Rico has not increased (January 2, 2020)  
 2019 The chat: Without reliable data, lying is easier (July 17, 2019)  
 2018 The Paradox of the Plan for Puerto Rico (May 4, 2018)  
 2017 Time to release the vital statistics (November 16, 2017)  
 2017 Population of Puerto Rico: A ship without a destiny (April 17, 2017)

#### 80GRADOS.NET

2019 Urgent to protect local statistics in Puerto Rico (March 14, 2019)

#### NEWS IS MY BUSINESS

2019 Population of Puerto Rico [Handle with care] (August 6, 2019)  
 2019 Is FEMA using a flawed indicator in decision-making process in Puerto Rico? (January 25, 2018)  
 2018 Statistical independence as an antidote to mistrust (December 13, 2018)

#### PODCASTS

Plan de Contingencia (numerous times), More or Less (BBC), Boriken Podcast, Latino Rebels Radio, The Annex Podcast, Social Science Spotlight (Penn State Social Science Research Institute), Temprano en la Tarde, Evolución Demográfica, En Modo Investigativo (Universidad del Sagrado Corazón)

### Conference Presentations

Gerontological Society of America: 2019, 2020, 2021, 2023, 2024  
 Population Association of America: 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2021, 2024, 2025  
 Society for Behavioral Medicine: 2024, 2025  
 College on Problems and Drug Dependence: 2022, 2023, 2024  
 Applied Demography Conference: 2014, 2014, 2021, 2023  
 Association for Psychological Science: 2023, 2025  
 American Psychosomatic Society: 2020, 2022  
 European Historical Demography Conference: 2022, 2025  
 Young Demographers Conference: 2021, 2025  
 Interdisciplinary Association for Population Health Sciences: 2016  
 Applied Geography Conference: 2016  
 Southern Demographic Association: 2013, 2014, 2015, 2023, 2024  
 National Council on Family Relations: 2022  
 Society for the Advancement of Chicanos and Native Americans (SACNAS): 2018  
 Work and Family Researchers Network: 2018  
 American Burn Association: 2016, 2017  
 Rural Sociological Association: 2013, 2025  
 Southwestern Social Sciences Association: 2014  
 Research Centers in Minority Institutions (RCMI): 2012



## Fellowships, Grants, Honors and Awards

### FELLOWSHIP

- 2025-2026 Fulbright Research Scholar (Universidad Autónoma de Santo Domingo, Dominican Republic)  
Offer Accepted (Pending Funding Appropriations)

### GRANTS

#### Principal Investigator (PI)

- 2024-2025 R21 National Institute on Aging (NIA, \$275,000)  
2021-2023 R03 National Institute on Child and Human Development (NICHD, Direct Costs \$100,000)

#### Pilot or Seed Grants - as Principal Investigator (PI)

- 2023-2024 Local Typologies of Aging, State Policy, and Population Health: Middle-age and Later-life Adults in the United States, *NIA-Funded NLCHDD Pilot*  
2022 Individual and contextual determinants of adolescent and young adult disconnection from employment and education/training, and implications for health, *NICHD-Funded Center Seed Grant*

#### Co-Investigator

- Under Review P30 National Institute on Aging (PI, Ashton M. Verdery)  
2024-Present R01 National Institute on Aging (PI, Jennifer Van Hook)  
2023-2025 R01 National Institute of Diabetes and Digestive and Kidney Diseases (PI, Jonathan K. Daw)  
Note: Grant canceled due to "Not Meeting NIH Priorities" effective May 2025.

### GRANT SPONSOR

- 2024-Present Co-Mentor, K01 National Institute on Aging (PI, Amílcar Matos-Moreno)

### NIH DIVERSITY SUPPLEMENTS

- 2024-2025 National Institute on Aging - Supporting Michael D. Segovia (Direct Costs \$248,944)  
2021-2022 National Institute on Aging - Supporting Amílcar Matos-Moreno (Direct Costs \$141,672)  
2020-2023 National Institute on Aging - Supporting Alexis Santos-Lozada (Direct Costs \$243,941)

### CONSULTANT

- 2022-2026 R01 National Institute of Diabetes and Digestive and Kidney Diseases (PI, Maricruz Rivera-Hernández)

### DISTINCTIONS AND/OR HONORS

- 2025 Keynote Speaker at the Research Speaker Series at the Universidad del Sagrado Corazón (San-turce, Puerto Rico) - Sponsored by the National Endowment for the Humanities  
2024 Best Paper Published in Canadian Population Studies, Canadian Population Society  
2024 Poster Award Annual Meeting of the Population Association of America  
2023 Keynote Speaker at the Graduation Universidad de Puerto Rico en Cayey  
2022 Keynote Speaker at the 1st Congress for Research in Education, Universidad Interamericana de Puerto Rico en Ponce

2019-2023	Nesselrode Endowment Award, Pennsylvania State University
2018	Distinguished Alumni at the Ph.D. level from a TRIO Program in Puerto Rico and the Virgin Islands awarded by the <i>Caribbean Association of Programs for Educational Opportunities</i>
2018	Distinguished Alumni, Academia Cristo de los Milagros
2016	Open Access Award, The Pennsylvania State University
2015	Carlos and Malú Alvarez Award, University of Texas at San Antonio
2012-2015	Professional Development Award, University of Texas at San Antonio
2013	Honor's Mention for Ph.D. Paper Award Competition, University of Texas at San Antonio
2010	Economics Program Medal, University of Puerto Rico at Cayey
2010	Recognition for Contributions to the Academic Senate, University of Puerto Rico at Cayey
2009	Recognition for Contributions to Academic Activities, University of Puerto Rico at Cayey
2006	Distinguished Student Medal - Puerto Rico House of Representatives
2006	Distinguished Student - Academia Cristo de los Milagros
2005	2nd Place - Mathematics Olympics - Academia Cristo de los Milagros

## BOOKS

In Progress	Santos, Alexis R. (In Negotiation), <i>International Handbook of Applied Demography</i> , Springer, ISBN Pending
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## Teaching

\* AD HONOREM, † GRADUATE COURSE, \*\* EXPECTED

Spring 2027	To be Announced**
Fall 2026	Ethnicity, Health and Aging**
Spring 2026	No Teaching due to Sabbatical
Fall 2025	No Teaching due to Sabbatical
Spring 2025	Population Data (*†,n=3), Adult Development and Aging (n=150), Supporting Systems (n=3)
Fall 2023	Adult Development and Aging (n=95), Survival Analysis (†, n=9)
Spring 2023	Adult Development and Aging (n=100)
Fall 2022	No Teaching
Spring 2022	No teaching
Fall 2021	Adult Development and Aging (n=100)
Spring 2021	Adult Development and Aging (n=100), Social Epidemiology (†, n=5)
Fall 2021	Adult Development and Aging (n=100)
Fall 2020	Adult Development and Aging (n=60)
Spring 2020	Family Policy (n=47)
Fall 2020	Adult Development and Aging (n=40)
Fall 2020	Family Policy (n=29)
Spring 2019	Family Policy (n=29)
Fall 2018	No teaching
Spring 2018	Practice of Applied Demography (†, n=5), Public Sector Demography (†, n=7)
Fall 2017	Demographic Techniques (†), Principles of Demography (†)

## Guest Lectures (\*External)

Summer 2025	NIH R25 Impact Program
Summer 2024	NIH R25 Impact Program
Fall 2023	Reading Our Lives, HDFS Colloquium
Summer 2023	NIH R25 Impact Program
Spring 2023	Demography Colloquium
Fall 2021	Medical Sociology, HDFS Colloquium, Adolescent Development
Spring 2022	Social Epidemiology, Population and Economy*, Big Social Data
Fall 2021	Introduction to Family Studies, BBH Colloquium
Fall 2020	Introduction to Family Studies, HDFS Colloquium
Fall 2019	Introduction to Family Studies, HDFS Colloquium
Spring 2019	The Helping Relationships
Fall 2018	Family Development, Social Data Analytics, Population Dynamics*
Spring 2018	Population Analysis*, Seminar in Biodemography
Fall 2017	Demography Colloquium

## Research Supervision

### POSTDOCTORAL SCHOLARS

2023-2024	Kent Jason Cheng, PhD (Requested change of Mentor after 1 year)
2021-2023	Amílcar Matos-Moreno, PhD (Koi Awardee, Adjunct Faculty)

### DOCTORAL STUDENTS

2024-Present	Carolina E. Hamatsu (Mentor, Co-Mentor David M. Almeida)
2025	Marco Antonio Faytong Haro (Mentor and Demography Chair, Sociology Chair S. Haas)
2024-2026	Erik R. Dolgoff (Co-Mentor, Mentor H. Bo Cleveland)
2024-2025	Yiping Li (Co-Mentor, Mentor M. Russell)
2023-2024	Jeongmin Park (Interim Advisor due Mentor's sabbatical)
2020-2021	Amílcar Matos-Moreno (Acting Advisor, GATHER Program, Transitioned to Postdoc)
2019-2021	Aarti C. Bhat (Demography Co-Advisor for M.S. degree)

### POSTBACCALAUREATE RESEARCHERS, († VOLUNTEER)

2024-2026	Ernesto R. Cuxil (†)
2024-2025	Michael D. Segovia (Transitioned to Ph.D. Program, Vanderbilt University)

### HONOR THESIS RESEARCHERS

2024	De'jah Coates (Transitioned to Ph.D. Program, University of Pennsylvania)
2021-2022	Mizael Ramos Ortiz (Transitioned to J.D. Program, University of Puerto Rico)
2018-2019	Hector Barreto (Transitioned to Medical School, Universidad Central del Caribe)

### RESEARCH ASSISTANTS (GRADUATE STUDENTS)

Summer 2025	Sara Albrecht Soto, Carolina E. Hamatsu, Renzo Fernandez and Alagammai Meyyappan
2024-2025	Carolina E. Hamatsu, Yiping Li

Summer 2024	Sara Arribas Colmenar, Yiping Li, Pedro A. Bastos, Michael Crawford (R21), Rachel Murray, Yan Lou, Jonathan Park
Spring 2024	Sara Albrecht Soto
Fall 2023	Daniel E. Petrie, Sarah Sharmin
Summer 2023	Erik D. Dolgoff (R03), Kelly Ngigi, Gabriel Cruz
2022-2023	Jasmin Castillo
Fall 2022	Sarah Sharmin
Summer 2022	Erik D. Dolgoff (R03), Charley Boynton, Marco Faytong Haro, Gabriel Cruz, Rahisa M. Delucca
2021-2022	Aarti C. Bhat (T32-Demography)
2020-2021	Aarti C. Bhat (T32-Demography)
Fall 2020	Alejandro Amill Rosario
Spring 2020	Alexander Chapman
2019-2020	Aarti C. Bhat, Ismael G. Muñoz
Summer 2019	Raeven F. Chandler, Ismael G. Muñoz
2017-2018	Diego Aguilar
Summer 2016	Diego N. Caraballo-Orozco, Daniel Ramírez-Smith

#### RESEARCH ASSISTANTS (UNDERGRADUATE/SPECIAL PROJECTS)

Summer 2022	Crystal Felton (Tennessee State University)
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### Membership in Thesis, Dissertation or Project Committees

#### THESIS OR DISSERTATION COMMITTEE

##### Pennsylvania State University

2024	Yining Feng - Rural Sociology - (Dissertation Committee)
2024	Eric Dolgoff - Human Development and Family Studies - (Thesis)
2023	Nancy Valverde - Counselors Education - (Dissertation Committee)
2022	Marina Potter - Sociology and Demography - (Dissertation Committee)
2022	Hannah Apsley - Human Development and Family Studies - (Thesis)
2021	Agus Surachman - Human Development and Family Studies - (Dissertation Committee)
2021	Aarti C. Bhat - Human Development and Family Studies and Demography - (Thesis)
2018	Diego Aguilar - Sociology and Demography - (Thesis)

##### University of Puerto Rico - Medical Sciences Campus

2020	Wilmarí De Jesús - Demography - (Thesis)
2017	Diego N. Caraballo - Demography - (Thesis)

##### Masters in Geographic Information Systems (MGIS)

2018	Rickey Stamm - Project Supervisor - Presented in American Association of Geographers
2016	Wayne Ki Frad - Project Supervisor - Presented in Applied Geography Conference

### **Qualifying (Q) or Comprehensive Examinations (C)**

2025	Eric Harrison - Human Development and Family Studies - Q
2024	Sreelakshmi Pushpanadh- Clinical Psychology - C
2024	Sienna Strong-Jones - Human Development and Family Studies - Q
2024	Marci Cross-Ramirez - Human Development and Family Studies - Q
2024	Patrick O'Neill - Human Development and Family Studies - Q
2024	Michael Caniglia - Sociology - C
2023	Yining Feng - Rural Sociology - C
2023	Sara Albrecht Soto - Clinical Psychology - C
2023	Riky Slayday - Human Development and Family Studies - Q
2023	Kelly Ngigi - Human Development and Family Studies - Q
2023	Kaitlin Fronberg - Human Development and Family Studies - C
2022	Nancy Valverde - Human Development and Family Studies - C
2022	Aarti C. Bhat - Human Development and Family Studies - Q
2021	Marina Potter - Sociology - C
2021	Agus Surachman - Human Development and Family Studies - C

### **Institutional Service**

#### **DEPARTMENT OF HUMAN DEVELOPMENT AND FAMILY STUDIES**

2019-Present	Departmental Advisor for the Dual-Title in Demography
2022-2023	Member, Search Committee for Aging (led to two hires)
2024-2025	Past Chair and Member, Admissions Committee
2022-2024	Chair and Member, Admissions Committee
2021-2022	Co-Chair and Member, Admissions Committee
2020-2021	Member, Admissions Committee
2018-2020	Member, Diversity Promotion Committee

#### **DUAL-DEGREE PROGRAM IN DEMOGRAPHY**

2024-Present	Member, Executive Committee
2019	Judge, Mini- PAA Conference
2017	Judge, Mini- PAA Conference
2017	Discussant, Mini- PAA Conference

#### **COLLEGE OF HEALTH AND HUMAN DEVELOPMENT**

2022-2025	Assistant Director, Center for Healthy Aging
2020-2023	Member, Sustainability Council

#### **DEPARTMENT OF SOCIOLOGY AND CRIMINOLOGY**

2017-2018	Member, Social Committee
2016-2017	Member, Diversity Promotion Committee
2015-2018	Member, Online Education Committee

## COLLEGE OF THE LIBERAL ARTS

2015-2018	Member, Online Directors of Graduate Studies
2015-2018	Member, Coordinators of Online Learning and Teaching
2017-2018	Judge, Graduate Exhibition (Poster Session)
2016-2017	Member, Commission on Racial/Ethnic Diversity (CORED)

## POPULATION RESEARCH INSTITUTE (SSRI)

2023-2024	Member, Search Committee for two Postdoctoral Researchers
2020-2024	HDFS Representative, Institutional Advisory Board (IAB)
2023-2024	Steering Committee, Pennsylvania Population Network (PPN)
2021	Discussant, National Symposium on Family Issues
2019	Member, Search Committee for Director of the Pennsylvania Population Network

## SOCIAL SCIENCES RESEARCH INSTITUTE (PRI)

2023-2024	Member, Search Committee, Department of Biobehavioral Health
2022-2023	Member, Search Committee, Department of Sociology and Criminology
2021-2024	Member, Social Justice Advisory Board, Office of the Senior Vice President for Research

## Service to the Profession

### NATIONAL COMMITTEES

2023-Present	Member, National Advisory Board, Integrated Public Use Microdata (IPUMS)
2023-2025	Member, National Advisory Committee, U.S. Census Bureau (Dismissed on March 2025)

### EXPERT REVIEW

2021	Report Review, DBASSE/Committee on National Statistics at the NASEM
2021	Report <i>Assessing the 2020 Census</i> - Commissioned by the US Census Bureau External Evaluator, University of Puerto Rico - Rio Piedras Institutional Research Fund
2021	Special Member, Social Sciences and Population Study Section A (SSPA), NIH

### EDITORSHIP

2022-2023	Associate Editor, Population Research and Policy Review
2018-2020	Editor, Applied Demography Newsletter (Not-Refereed)

### EDITORIAL BOARDS

2023-Present	Journal of Health and Social Behavior
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### JOURNAL REVIEWS

Journal of Healthcare the Poor and Underserved, Ethnicity and Disease, Demography, Spatial Demography, Mathematical Population Studies, Biodemography and Social Biology, SHOCK, Springer: Series on Demographic Methods and Population Analysis, Journal of Gerontology: Social Sciences Series B (JGSS), British Medical Journal: Open, SSM - Population Health, Occupational and Environmental Medicine, JAMA Open, American Journal of Preventive Medicine,

Population Research and Policy Review, Environmental Science and Policy, International Journal of Environmental Research and Public Health, Public Health Reports, PLOS ONE, Science Advances, Public Health in Practice, Journal of Affective Disorders, The Gerontologist, Rural Sociology, Socius, Social Science and Medicine - Mental Health, Journal of Health and Social Behavior, JAMA Internal Medicine, Journal of the American Medical Association, JAMA Health Forum, Annals of the American Association of Geographers, Social Science and Medicine

#### POPULATION ASSOCIATION OF AMERICA

##### **Program Committee**

2021-2022 Appointee, Applied Demography Section  
2017-2018 Appointee, Applied Demography Section

##### **Discussant**

2024 Trends and Heterogeneity in US Rural Health and Mortality  
2022 COVID-19: Intersecting Inequities  
2021 Natural Disasters and Migration in the US  
2018 Population Projections and Forecasts

##### **Organizer**

2021 Estimating Environmentally Related Population Change  
2018 Applications, Health & Human Capital  
2018 Population Projections and Forecasts

##### **Chair**

2024 Mechanism in Environment-Health Linkages  
2017 Estimation and Projection Methods

##### **Poster Judge**

2018 Population, Development and Environment: Data and Methods

#### NATIONAL INSTITUTES OF HEALTH

2019-2023 Participant, Early Career Reviewer Program, Center for Scientific Review

#### INTERDISCIPLINARY ASSOCIATION FOR POPULATION HEALTH SCIENCES

2022 Member, Mentoring Committee

#### SOCARXIV

2022 Member, Steering Committee

#### AMERICAN BURN ASSOCIATION

2017-2019 Member, Research Committee

## PUERTO RICO INSTITUTE OF STATISTICS

- 2015 Organizer, ExpoEstadísticas 2015 (World Statistics Day)
- 2012 Organizer, Puerto Rico Population Studies Conference

## Professional Development and Workshops

### DATA SCIENCE SPECIALIZATION, JOHNS HOPKINS UNIVERSITY

- 2024 Statistical Inference
- 2024 Exploratory Data Analysis
- 2023 R Programming
- 2023 Reproducible Research
- 2015,2023 The Data Scientist's Toolbox

### WORKSHOPS

- 2024 Disasters, Demography, Disparities and Decisions (D4), University of Washington
- 2016 Probabilistic Population Projections: Theory and Practice, University of Washington
- 2015 Formal Demography Workshop, University of California-Berkeley

## Professional Organizations

Population Association of America  
Southern Demographic Association  
Society for Behavioral Medicine  
American Statistical Association  
American Sociological Association (Affiliate Member)

## Languages

English and Spanish

## Software Use and Programming

R/RStudio, SAS, SPSS, STATA, ArcGIS, GeoDa, Q-GIS, Maptitud, CART, Eviews

## References

Jeffrey T. Howard, PhD, University of Texas at San Antonio, jeffrey.howard@utsa.edu  
D. Max Crowley, PhD, Pennsylvania State University, dmc397@psu.edu  
Lloyd B. Potter, PhD, MPH, University of Texas at San Antonio, lloyd.potter@utsa.edu