

**Alexis R. Santos (Santos-Lozada), Ph.D.**

Assistant Professor of Human Development and Family Studies, and Demography

College of Health and Human Development

Pennsylvania State University

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**APPOINTMENTS**

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- Fall 2018- Assistant Professor, Department of Human Development and Family Studies  
*Pennsylvania State University*
- Research Associate, *Center for Healthy Aging* (2018-present)  
Demographic Data Fellow, *Administrative Data Accelerator* (2018-present)  
Research Associate, *Population Research Institute* (2016-present)
- 2018- Editor, *Applied Demography*, Population Association of America
- 2015-2018 Director of Graduate Studies in Applied Demography  
Assistant Teaching Professor of Sociology and Criminology  
Program Faculty, Masters in Geographic Information Systems (2016-2018)  
*Pennsylvania State University*
- 2015-2017 Postdoctoral Fellow in Epidemiology and Biostatistics  
*United States Army Institute for Surgical Research*

**EDUCATION**

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- 2015 Ph.D., Applied Demography, University of Texas at San Antonio
- 2012 M.A., Economics, University of Puerto Rico at Río Piedras
- 2012 Additional training in Statistics, University of Puerto Rico at Cayey
- 2010 B.A., Economics, University of Puerto Rico at Cayey

**RESEARCH AND TEACHING INTERESTS**

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Health and Well-being, Applied Demography, Biodemography, Mortality, Public Policy, Military Health, Environmental Epidemiology, Multilevel and Spatial Methods

**PEER REVIEWED PUBLICATIONS**

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1. Santos-Lozada, Alexis R. and Howard. (Forthcoming). Excess deaths after Hurricane Maria in Puerto Rico (In Reply to Cruz-Cano and Mead). *Journal of the American Medical Association*.
2. **Santos-Lozada, Alexis R.** and Howard, Jeffrey T. 2018. Use of death counts from vital statistics to calculate excess deaths in Puerto Rico following Hurricane Maria. *Journal of the American Medical Association*, Vol. 320 (14), pp. 1491-1493. <http://www.doi.org/10.1001/jama.2018.10929>
3. **Santos-Lozada, Alexis R.** and Martínez, Matthew J. 2018. How are you? or ¿Como estás?: Does language of interview influences self-rated health among Hispanic subgroups? *Journal of Immigrant and Minority Health*, Vol. 20 (4), pp. 766-775. <https://doi.org/10.1007/s10903-017-0606-4>

#### **PEER REVIEWED PUBLICATIONS (CONTINUED)**

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4. **Santos-Lozada, Alexis R.** and Howard, Jeffrey T. 2018. Using allostatic load to validate self-rated health for racial/ethnic groups in the United States. *Biodemography and Social Biology*, Vol. 64 (1), pp. 1-14. <https://doi.org/10.1080/19485565.2018.1429891>
5. **Santos-Lozada, Alexis R.** (2018). Counting deaths and making deaths count: why getting the number right matters for public policy. *Health Affairs*, Vol. 37(4), pp. 520-522. <https://doi.org/10.1377/hlthaff.2018.0219>
6. **Santos-Lozada, Alexis R.** and Daw, Jonathan. 2018. The Contribution of Three Dimensions of Allostatic Load to Racial/Ethnic Disparities in Poor/Fair Self-Rated Health. *SSM – Population Health*, Vol. 4, pp. 55-65. <https://doi.org/10.1016/j.ssmph.2017.11.007>
7. Howard, Jeffrey T., Kotwal, Russ S., **Santos-Lozada, Alexis R.**, Martin, Matthew J. and Stockinger, Zsolt T. 2018. Re-Examination of a Battlefield Trauma Golden Hour Policy. *Journal of Trauma and Acute Care Surgery*. Vol. 84 (1), pp. 11-18. \*Editor's Choice <http://www.dx.doi.org/10.1097/TA.0000000000001727>
8. Richards, Reg, Parry, Ingrid S., **Santos-Lozada, Alexis R.** and Dewey, W. Scott. 2017. Burn Hand/Finger Goniometric Measurements: Sum of the Isolated Parts not equal to Composite Whole. *Journal of Burn Care & Research*, Vol. 38 (6), pp. e960-e965. <https://doi.org/10.1097/BCR.0000000000000529>
9. Richards, Reg and **Santos, Alexis R.** 2017. Burn patient acuity demographics, scar contractures and rehabilitation treatment time related to patient outcomes: The ACT Study. *Journal of Burn Care & Research*, Vol. 38(4), pp. 230-242. <https://doi.org/10.1097/BCR.0000000000000490>
10. Richards, Reg; **Santos-Lozada, Alexis R.**, Dewey, W. Scott and Chung, Kevin K. 2017. Profile of Patients Without Burn Scar Contracture Development. *Journal of Burn Care & Research*, Vol. 38 (1), e62-e69. <https://doi.org/10.1097/BCR.0000000000000418>
11. **Santos-Lozada, Alexis R.** 2016. Self-rated mental health and race/ethnicity in the United States: Support for the Epidemiological Paradox. *PeerJ* 4:e2508. <https://doi.org/10.7717/peerj.2508>

#### **PEER REVIEWED ABSTRACTS PUBLISHED**

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1. **Santos-Lozada, Alexis R.** 2016. Competing regression models for the study of population growth for U.S. counties: Spatial or non-spatial? *Papers and Proceedings of the Applied Geography Conference.*
2. **Santos, Alexis** and Richards, Reg. 2016. Comparison of the National Burn Repository (NBR) to the Acuity, Contracture, Time (ACT) Database. Supplement to *Journal of Burn Care & Research* (May/June 2016), Vol. 37 (3), p. S.190.
3. Richards, Reg and **Santos, Alexis R.** 2016. Profile of Patients Without Burn Scar Contracture Development. Supplement to *Journal of Burn Care & Research* (May/June 2016), Vol. 37 (3), p. S120.

#### **ANALYSIS PRODUCED FOR POLICY EVALUATION (ADMINISTRATIVE DATA ACCELERATOR)**

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1. **Santos-Lozada, A. R.** The Association Between Income and Life Expectancy in Pennsylvania: 2014. Produced for the Office of Health Equity at the Pennsylvania Department of Health by the Administrative Data Accelerator.

## **OTHER PUBLICATIONS**

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1. **Santos-Lozada, Alexis R.** County-level life expectancy differentials in Puerto Rico, 2010. Working paper under review for publication in the Working Paper Series for the Puerto Rico Institute of Statistics.
2. Santos-Lozada, Alexis R. Accessing data from the American Community Survey in R using the Census API, producing a map. [Applied Demography](#) (Fall 2018).
3. **Santos, Alexis R.** Leveraging online repositories: the case of excess deaths following Hurricane Maria in Puerto Rico. Pre-print published in SocArXiv: <https://osf.io/preprints/socarxiv/d9va6/>
4. **Santos-Lozada, Alexis R.,** Matthews, Stephen A., and DeJong, Gordon F. Training in Applied Demography. [PAA Affairs](#) (Summer 2017).
5. **Santos-Lozada, Alexis R.** and Velázquez-Estrada, Alberto. The Population Decline of Puerto Rico: An Application of Prospective Trends in Cohort-Component Projections. [Working Paper 2015-1](#) for the Puerto Rico Institute of Statistics.

## **BOOK REVIEWS**

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1. **Santos-Lozada, Alexis R.** “Why Demography Matters” for *Contemporary Sociology*. (Under development)

## **UNDER REVIEW OR PREPARING FOR RESUBMISSION**

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1. Howard, Jeffrey T. and **Santos-Lozada, Alexis R.** Evaluation of death count estimates for Puerto Rico following Hurricane Maria. [10.31235/osf.io/uevky](https://doi.org/10.31235/osf.io/uevky)
2. **Santos-Lozada, Alexis R.** and Howard, Jeffrey T. How to estimate excess deaths in Puerto Rico following Hurricane Maria? Comparisons with means and upper limits of confidence intervals.
3. Hauer, Mathew and **Santos-Lozada, Alexis R.** Climate change could reduce life expectancy by one year. (Available through [SocArXiv](#), Under Review)
4. Noah, Aggie and **Santos-Lozada, Alexis R.** Your Body Can't Lie: Health Convergence Patterns in Allostatic Load among Foreign-born Hispanics are More Pronounced in Men than in Women. (Pending decision following first Revise & Resubmit *Women's Health Issues*)
5. **Santos-Lozada, Alexis R.** Patterns of physiological dysregulation among U.S. Adults: A Latent Class Analysis (Revise and Resubmit, *Biodemography and Social Biology*)
6. Verdery, Ashton M., **Santos-Lozada, Alexis R.,** and Monroe, Burt L. Potential ramification of selective non-response among non-citizen population in the 2020 decennial Census. (Revise & Resubmit following Second Review, *Proceedings of the National Academy of Sciences*)

## **INVITED PRESENTATIONS**

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1. Population Projections: Today and Tomorrow. Graduate Student Methodology Workshop in Population Projections (25<sup>th</sup> Anniversary). [Population Research Institute](#). (May 2019).
2. The Puerto Rican Diaspora Study and Hurricane Maria Death Toll. Annual Conference of the Society for the Advancement of Chicanos and Native Americans – SACNAS (October 2018)

### **INVITED PRESENTATIONS (CONTINUED)**

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3. Leveraging Vital Statistics to Assess the Impact of Environmental Disasters: the case of Puerto Rico. [Texas Demographic Conference](#) (May 2018).
4. Leveraging Social Media and Diasporas to collect information following climate disasters: the case of Puerto Rico. [Graduate Student Methodology Workshop in Hard to Reach Populations](#), [Population Research Institute](#). (May 2018).
5. Deaths and suicide in Puerto Rico following Hurricane María. [Resiliency following an Environmental Disaster Symposium](#), San Juan Bautista Medical School (April 2018).
6. County-level excess deaths in Puerto Rico following Hurricane María. [Lamento Borincano: Puerto Rican Sites of the Catastrophic, 1968/2018](#) at Princeton University (March 2018).
7. Deaths in Puerto Rico following Hurricane María: a public health issue. [Department of Demography at the University of Puerto Rico - Medical Sciences Campus](#) (December 2018).
8. Caregiving received by older adults in Puerto Rico. [Family Demography Working Group](#), Population Research Institute (November 2018). In collaboration with Dr. Sarah Patterson.
9. Annual Group Quarter Population Report: Establishment and Implementation in Puerto Rico. [Federal-State Cooperative for Population Estimates](#) (April 2014). In collaboration with Dr. Mario Marazzi at the Puerto Rico Institute of Statistics.

### **OTHER PROFESSIONAL EXPERIENCE**

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- Summer 2018    Census Scholar for Estimates and Projections, *U.S. Census Bureau*  
Sponsored by the Population Evaluation Branch and the Industrial Occupations Branch
- Summer 2013    Principal Investigator for the Group Quarter Population Report  
Puerto Rico Institute of Statistics (Hato Rey, Puerto Rico)
- 2013            Policy Consultant for Health, Vaccination and Pharmaceutical Products  
Policy Wisdom, LLC    (Miami, Florida)

### **WORKS IN PROGRESS**

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1. **Santos-Lozada, Alexis R.**, Montalvo, Ana J. and Laughlin, Lynda. [Industrial Occupation and Ambulatory Difficulties among employed adults in the United States](#). (Results available)
2. **Santos-Lozada, Alexis R.** and Yellowhorse, Aggie. [Asian-Non-Hispanic White differences in allostatic load in the United States](#). (Results available)
3. **Santos-Lozada, Alexis R.** [Revisiting the Demography of Disaster: Population Estimates in Puerto Rico following Hurricane Maria](#) (Preliminary results available)
4. **Santos-Lozada, Alexis R.** [In Puerto Rico, excess deaths following Hurricane Georges persisted for three months](#). Pre-print published in SocArXiv: <https://osf.io/preprints/socarxiv/d9va6/>
5. **Boynton, Charles N.** and Santos-Lozada, Alexis R. Emerging and continuous population decline: low long till their population halves?

## RESEARCH FUNDING

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### *Research Project Seed Fund*

1. Funding for integration of administrative records into the [Administrative Data Accelerator](#), Social Science Research Institute, Pennsylvania State University
2. Seed Fund for Pilot Study Data Collection in Puerto Rico, College of Health and Human Development and Social Science Research Institute, Pennsylvania State University

### *External Funding*

1. Conference Organization Grant for Expo Estadísticas 2015 - sponsored by the Puerto Rico Institute of Statistics - \$75,000
2. Conference Organization Grant for the Puerto Rico Population Studies Conference 2013 - sponsored by the Puerto Rico Institute of Statistics - \$30,000

### *Internal Funding*

1. Funding for participation in the Annual Meeting of the Population Association of America by the Population Research Institute at the Pennsylvania State University: 2016, 2017, 2018
2. Funding for the launch and administration of the Puerto Rico Diaspora Study by the Department of Sociology and Criminology at the Pennsylvania State University, 2017
3. Open Access Publication Grant, University Libraries, Pennsylvania State University (Not used)

## AWARDS, HONORS AND DISTINCTIONS

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- 2018 Distinguished Alumni at the Ph.D. level from a TRIO Program in Puerto Rico and the Virgin Islands. Awarded by the Caribbean Association of Programs for Educational Opportunities.
- 2018 Distinguished Alumni, Awarded by the Academia Cristo de los Milagros.
- 2016 Open Access Award. The Pennsylvania State University Libraries Open Access Fund
- 2015 Carlos and Malú Alvarez Award, University of Texas at San Antonio
- 2012-15 Professional Development Award, University of Texas at San Antonio
- 2013 Honors Mention for PhD Paper 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
- 2006 Distinguished Student Medal awarded by the Puerto Rico House of Representatives
- 2006 Distinguished Student at the Senior Level, Academia Cristo de los Milagros

## TEACHING EXPERIENCE

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<b>FA=Fall</b>	<b>SP=Spring</b>	<b>Su=Summer</b>	<b>*Future courses</b>
FA 2019	Instructor, Social Epidemiology, Pennsylvania State University (HD FS 527*)		
SP 2019	Instructor, Family Policy, Pennsylvania State University (HD FS 440*)		
SP 2018	Instructor, Public Sector Demography, Pennsylvania State University (APDEM 805)		
SP 2018	Co-Instructor, Applications in APDEM, Pennsylvania State University (APDEM 803)		
SP 2018	Individual Studies Supervisor, Pennsylvania State University (GEOG 596C)		
FA 2017	Capstone Project Supervisor, Pennsylvania State University (GEOG 596B)		
SU 2017	Capstone Project Proposal Supervisor, Pennsylvania State University (GEOG 596A)		
FA 2017	Instructor, Principles of Demography, Pennsylvania State University (APDEM 801)		
FA 2017	Instructor, Demographic Techniques, Pennsylvania State University (SOC 573)		

## MENTORING EXPERIENCE

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<b>Name</b>	<b>Project</b>	<b>Year</b>
Diego Aguilar	Mortality and Allostatic Load (Collaboration with Dr. Daw)	2017

## GRADUATE STUDENT ADVISOR OR THESIS COMMITTEE MEMBERSHIP

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Name	Degree	Year	Role	Topic
Agus Surachman	Ph.D.	2021*	Member	Health and Well-Being
Diego Aguilar	M.A.	2018	Member	Health Disparities
Rickey "Ric" Stamm	M.GIS	2018	Chair	Children food insecurity
Diego N. Caraballo	M.S.	2017**	Member	Mortality and Health
Wayne Ki Frad	M.GIS	2016	Chair	Spatial Epidemiology

## GUEST LECTURE

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Demography Colloquium	(Fall 2018)	Guest Lecturer for Dr. Stephen Matthews
Population Dynamics	(Fall 2018)	Guest Lecturer for Dr. Amber R. Crowell
Social Data Analytics	(Fall 2018)	Guest Lecturer for Dr. Ashton Verdery
Family Development	(Fall 2018)	Guest Lecturer for Prof. Aaron Miller, M.S.
Population Analysis	(Spring 2018)	Guest Lecturer for Dr. Kyler Sherman-Wilkins
Seminar in Biodemography	(Spring 2018)	Guest Lecturer for Dr. Jonathan Daw
Demography Colloquium	(Fall 2017)	Guest Lecturer for Dr. Stephen Matthews

## PROFESSIONAL, UNIVERSITY AND DEPARTMENTAL SERVICE

### Population Association of America

Editor, *Applied Demography*, Population Association of America, 2018-2020

Program Committee: Applied Demography Section (2017-2018: Denver, CO)  
Discussant: Population Projections and Forecasts Session (2018: Denver, CO)  
Organizer: Applications, Health and Human Capital (2018: Denver, CO)  
Population Projections and Forecasts Session (2018: Denver, CO)  
Chair: Estimation and Projection Methods (2017: Chicago, IL)

### Pennsylvania State University

#### *Department of Human Development and Family Studies*

2018-Present Member, Diversity Promotion Committee

#### *College of the Liberal Arts*

2015-2018 Online Directors of Graduate Studies, College of the Liberal Arts  
2015-2018 Coordinators of Online of Online Learning and Teaching (C.O.L.T.)  
2017-2018 Judge for the Graduate Exhibition (Poster Session)  
2016-2017 Commission on Racial/Ethnic Diversity (CORED)

#### *Department of Sociology and Criminology*

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

#### *Demography Program*

2017 Judge and Discussant for the Annual Mini PAA Conference

#### *American Burn Association*

2017-2019 Member, Research Committee

### ***University of Puerto Rico at Cayey***

2010	Student Representative, Presidential Search Committee for the University of Puerto Rico
2009-2010	Acting President, Student Government
2008-2009	Senator for Student Body, Academic Senate
2006-2009	Executive Secretary, Student Government
2008	Acting Administrative Board Representative
2007	Acting University Board Representative
2006-2007	Freshman Delegate, Student Government

### **PROFESSIONAL DEVELOPMENT AND WORKSHOPS**

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2016	Probabilistic Population Projections: Theory and Practice, University of Washington
2015	The Data Scientist's Toolbox, Data Science Program, Johns Hopkins University
2015	Formal Demography Workshop, University of California-Berkeley

### **CONFERENCE PRESENTATIONS**

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2018	<b>Santos-Lozada, Alexis R.</b> and Patterson, Sarah E. <u>Caregiving Received by Older Adults in Puerto Rico</u> . Paper presentation at the Work and Family Researchers Network Meeting.
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Hauer, Mathew E. and **Santos-Lozada, Alexis R.** Climate Change could reduce European Life Expectancy. Paper presentation at the Population Association of America Meeting.

2017	<b>Santos-Lozada, Alexis R.</b> and Ramírez-Smith, Daniel. <u>Changing population structure as a driving force of the increase in obesity prevalence and healthcare costs in Spain 2016-2031</u> . Paper presentation at the Population Association of America Meeting.
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Richards, Reg, Parry, Ingrid S., **Santos-Lozada, Alexis R.** and Dewey, W. Scott. Burn Hand/Finger Goniometric Measurements: Sum of the Isolated Parts not equal to Composite Whole. Abstract accepted for presentation at the American Burn Association Meeting.

2016	<b>Santos-Lozada, Alexis R.</b> <u>Competing regression models for the study of population growth for U.S. Counties: Spatial or non-spatial?</u> Paper presentation in the Applied Geography Conference.
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**Santos, Alexis R.** and Howard, Jeffrey T. Allostatic Load as a determinant of Poor-Self Rated Health for Adults in the United States. Poster presentation Interdisciplinary Association for Population Health Science Conference.

**Santos, Alexis R.** and Richard, Reg. Comparison of the National Burn Repository (NBR) to the Acuity, Contracture, Time (ACT) Database. Poster presentation at the American Burn Association Meeting.

Richard, Reg, **Santos, Alexis R.** and Dewey, W. Scott. Profile of Patients without Burn Scar Contracture Development. Paper presentation at the American Burn Association Meeting.

**Santos-Lozada, Alexis R.** and Martinez, Matthew J. Validity of Self-Rated Health among Hispanics for Mortality Risk: The Role of Language of Interview. Poster presentation at the Population Association of America Meeting.

**Santos-Lozada, Alexis R.** and Martinez, Matthew J. Health Lost in Translation: The Determinants of Poor Self-Rated Health among Hispanic Adults in the United States. Poster presentation at the Population Association of America Meeting.

- Harris, Richard J. and **Santos-Lozada, Alexis R.** Determinants of Direct and Indirect Power for U.S. Couples. Poster presentation at the Population Association of America Meeting.
- 2015 **Santos-Lozada, Alexis R.** Diverging destinies: Puerto Rican Population in Puerto Rico and the United States. Paper presentation at the Southern Demographic Association Meeting.
- Santos-Lozada, Alexis R.** and Sánchez-Soto, Gabriela. Determinants of recent fertility for Puerto Rican women in Puerto Rico and the United States. Paper presentation at the Southern Demographic Association Meeting.
- Santos-Lozada, Alexis R.** Measuring Puerto Rican Fertility Levels for Puerto Ricans in Puerto Rico and the United States. Paper presentation at Expo Estadísticas.
- Santos-Lozada, Alexis R.** and Velázquez-Estrada, Alberto. The Population Decline of Puerto Rico: An Application of Prospective Trends in Cohort-Component Projections. Paper presentation at the Population Association of America Meeting.
- Santos-Lozada, Alexis R.** A Spatial and Bayesian Approach to Infant Mortality in Puerto Rico: A Study of Risk, Clustering and Determinants. Poster presentation at the Population Association of America Meeting.
- 2014 **Santos-Lozada, Alexis R.** Does socioeconomic status explain differences in Human Papillomavirus Vaccine Awareness in Parents of Female Adolescents in the United States? Paper presented at the Southern Demographic Association Meeting.
- Santos-Lozada, Alexis R.** A Spatial and Bayesian Approach to Infant Mortality Risk in Puerto Rico: A study of risk, clustering and determinants. Poster presented at the Southern Demographic Association Meeting.
- McKinnon, Mary L., **Santos-Lozada, Alexis R.**, and Potter, Lloyd B. Characteristics associated with sexual assault among women in two different age groups. Paper presentation at the Southern Demographic Association Meeting.
- Santos-Lozada, Alexis R.** Poverty and Race/Ethnic Differences in Human Papillomavirus Immunization Resistance in Parents of female adolescents in the United States. Poster presentation at the Population Association of America Meeting.
- Santos-Lozada, Alexis R.** Race/Ethnic disparities in Human Papillomavirus vaccine completion in female adolescents in the United States: A survival analysis approach. Paper presentation at the Southwestern Social Sciences Association Meeting.
- Santos-Lozada, Alexis R.**, Carballo-Orozco, Diego and Carballo-Ríos, José Noel. Determinants of Human Papillomavirus Vaccine Initiation in Adolescent Girls in the United States: A Classification and Regression Classification and Regression Tree. Paper presentation at the Applied Demography Conference.
- Santos-Lozada, Alexis R.** Estimates and Projections for Harris County, Texas 2011-2030. Paper presentation at the Applied Demography Conference.



Serban, Ramona E., **Santos-Lozada, Alexis R.** and Choi, Daesung. Hispanic/Non-Hispanic Lung and Lung Related Cancer Standardized Incidence Ratios for Adult and Older Population in Texas 2000-2008. Poster presentation at the Applied Demography Conference.

- 2013 Serban, Ramona E., **Santos-Lozada, Alexis R.**, and Sparks, Corey S. Effects of poverty segregation on access to care in Puerto Rico. Poster presentation at the Puerto Rico Population Studies Conference.

**Santos-Lozada, Alexis R.** and Marazzi, Mario. Annual Group Quarter Population Report: Establishment and Implementation in Puerto Rico. Poster presentation at the Puerto Rico Population Studies Conference.

**Santos-Lozada, Alexis R.** Race/ethnic disparities in Human Papillomavirus Immunization Initiation in female adolescents in the United States. Paper presentation at the Southern Demographic Association Annual Meeting.

**Santos-Lozada, Alexis R.**, Serban, Ramona E., and Potter, Lloyd B. District and County level determinants of High School Completion and Dropout Rates in Texas in 2010. Paper presentation at the Rural Sociological Society Annual Meeting.

**Santos-Lozada, Alexis R.** Healthcare services availability in Rural-Mountain Puerto Rico. Paper presentation at the Rural Sociological Society Annual Meeting.

**Santos-Lozada, Alexis R.** Transformations of public-healthcare services in Puerto Rico 1993-2010. Poster presentation at the Population Association of America Annual Meeting.

- 2012 **Santos-Lozada, Alexis R.** Transformations of medical-hospital services in Puerto Rico 1993-2010. Poster presentation at the biennial RCMI International Symposium on Health Disparities.

#### **PARTICIPATION IN THE MEDIA AND OTHER ENGAGEMENTS**

[Facts are facts, President Trump: A professor who studied Puerto Rico's death toll responds](#), an op-ed in response to denials about excess death toll estimates. Published in New York Daily News (September 14, 2018).

[Puerto Ricans don't trust official information on Hurricane Maria](#) an article addressing the level of trust on official information by Puerto Ricans living in the United States following Hurricane Maria. Published in The Conversation (June 15, 2018).

[The Paradox of the Plan for Puerto Rico](#), op-ed about the proposed elimination of the Puerto Rico Institute of Statistics. Published in El Nuevo Día, one of the principal newspapers in Puerto Rico (May 4<sup>th</sup>, 2018)

[Why Puerto Rico's death toll from Hurricane Maria is so much higher than officials thought](#) an article addressing the differences in official death count following Hurricane Maria and independent estimates. Published in The Conversation (January 3, 2018).

[Will Puerto Ricans return home after Hurricane María?](#) an article where I discuss the intentions to return to Puerto Rico of those who came to U.S. following Hurricane María. Published in The Conversation (November 17, 2017).

[Time to release the vital statistics](#), a column about data transparency in the aftermath of Hurricane María in Puerto Rico. Published in El Nuevo Día, one of the principal newspapers in Puerto Rico (November 16, 2017).

[Population of Puerto Rico: A ship without a destiny](#), column about population projection methods. Published in El Nuevo Día, one of the principal newspapers in Puerto Rico (April 27, 2017).

### ***Demographic News***

[Puerto Rico, still reeling from Hurricane Maria, faces major challenges](#). Discussed the events surrounding the miscount of deaths in Puerto Rico following Hurricane María. Published by ABC News (March 18, 2018).

[Exodus from Puerto Rico grows as island struggles to rebound from Hurricane María](#). Discussed the preliminary findings of excess passenger flow and the limitations of administrative records and estimation techniques to address migration from Puerto Rico in the aftermath of Hurricane María. Published by the Washington Post on March 6, 2018.

[Puerto Rico deaths related to Hurricane María continued for months after the storm, data suggest](#). Spotlight on most recent analysis on excess deaths in Puerto Rico, published by Los Angeles Times (February 28, 2018). Published in print as “Puerto Rico death toll revisited” by LA Times on March 2, 2018.

[Puerto Rico asks a DC university to review possible Hurricane María deaths](#). Discussed the appointment of an independent team to review deaths associated with Hurricane María, published by CNN (February 22, 2018).

[‘Exodus’ from Puerto Rico: a visual guide](#). Discussed the limitations of administrative records within the discussions of migration following climate disasters, published by CNN (February 21, 2018).

[Puerto Rico orders review and recount of Hurricane deaths](#). Highlighted the importance of accurate death counts for future climate disaster planning, published in the New York Times (December 18, 2017)

[Demographers estimate more victims after Hurricane María](#). Reported excess deaths following Hurricane María published in El Nuevo Día one of the major newspapers in Puerto Rico. (November 27, 2017)

[Penn State researcher studies response to Hurricane María](#). Penn State News (October 31, 2017)

[Puerto Rico Planning Board assumes control of the Statistics Institute](#). Removed my name from consideration for the position of Executive Director of the Puerto Rico Institute of Statistics due to political interventions. El Vocero (July 26, 2017)

[Immigration Concerns with Justin Betti](#) (May 11, 2017), ABC 23 (WATM). Provided information about the profile migrants pre and post-1980s and recent trends in net migration.

[Penn State Offering new degree in applied demographics](#), Centre Daily News (November 25, 2016)

### **PROFESSIONAL ORGANIZATIONS**

Population Association of America  
Southern Demographic Association

Interdisciplinary Association for Population Health Sciences

## **LANGUAGES**

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English and Spanish

## **REVIEWER**

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Journal of Healthcare for Poor and Underserved, Ethnicity & Disease, Demography, Spatial Demography, Mathematical Population Studies, Biodemography and Social Biology, SHOCK (Support letter for Statistical Methods), Springer: Series on Demographic Methods and Population Analysis, Journal of Gerontology: Social Sciences Series B (JGSS), British Medical Journal: Open

## **SOFTWARE USE**

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R and RStudio, SAS, SPSS, STATA, ArcGIS, GeoDa, Q-GIS, Maptitude, CART, Eviews

## **REFERENCES**

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Lloyd B. Potter, Ph.D., MPH  
Peter Flawn Professor and Texas State Demographer  
University of Texas at San Antonio  
[lloyd.potter@utsa.edu](mailto:lloyd.potter@utsa.edu)

Jeffrey T. Howard, Ph.D.  
Assistant Professor  
University of Texas at San Antonio  
[Jeffrey.howard@utsa.edu](mailto:Jeffrey.howard@utsa.edu)

John D. Iceland, Ph.D  
Professor  
Pennsylvania State University  
[jdi10@psu.edu](mailto:jdi10@psu.edu)

José N. Caraballo-Ríos, Ph.D.  
Professor (Retiree)  
University of Puerto Rico at Cayey  
[josenoel.caraballo@gmail.com](mailto:josenoel.caraballo@gmail.com)