

Alexis R. Santos (Santos-Lozada)  
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## Education

2015-2017	Post-Doctoral Research Fellow, U.S. Army Institute for Surgical Research
2012-2015	Ph.D. in Applied Demography, University of Texas at San Antonio
2010-2012	M.A. in Economics, University of Puerto Rico – Río Piedras
2006-2010	B.A. in Economics, University of Puerto Rico at Cayey Minor in Statistics (Completed in 2012)

## Research Interests

Applied Demography; Demographic Techniques; Health Inequalities; Self-Reported Health; Biodemography; Mortality; Spatial and Mathematical Demography

## Publications

- 2017 **Santos-Lozada, Alexis R.** and Martínez, Matthew J. How are you? or ¿Como estás?: Does language of interview influences self-rated health among Hispanic subgroups? *Journal of Immigrant and Minority Health* (Published Ahead of Print).
- Richards, Reg and **Santos, Alexis R.** Burn patient acuity demographics, scar contractures and rehabilitation treatment time related to patient outcomes: The ACT Study. *Journal of Burn Care & Research* (July/August 2017), Vol. 38(4), pp. 230-242.
- 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. *Journal of Burn Care & Research* (Published Ahead of Print).
- Richards, Reg; **Santos-Lozada, Alexis R.**, Dewey, W. Scott and Chung, Kevin K. Profile of Patients Without Burn Scar Contracture Development. *Journal of Burn Care & Research* (January/February 2017), Vol. 38 (1), e62-e69.
- 2016 **Santos-Lozada, Alexis R.** Self-rated mental health and race/ethnicity in the United States: Support for the Epidemiological Paradox. *PeerJ* 4:e2508.

## Revise and Resubmit

**Santos-Lozada, Alexis R.** and Daw, Jonathan “The contribution of three dimensions of Allostatic Load to Racial/Ethnic Disparities in Poor/Fair Self-Rated Health” (Under Review after first reviews in Social Science and Medicine – Population Health).

**Santos-Lozada, Alexis R.** and Howard, Jeffrey T. “Using allostatic load to validate self-rated health for racial/ethnic groups in the United States”. (Revise and Resubmit for Biodemography and Social Biology)

## Technical Reports

- 2015 **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.

## Professionally Reviewed Essays

- 2017 **Santos-Lozada, Alexis R.**, Matthews, Stephen A. and DeJong, Gordon F. Training Paradigms in Applied Demography. [PAA Affairs](#) (Summer 2017).

## Published Abstracts

- 2016 Santos-Lozada, Alexis R. 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* (ISSN 0747-5160).

## Invited Presentations

- 2013 Santos-Lozada, Alexis R. and Marazzi, Mario. Annual Group Quarter Population Report: Establishment and Implementation in Puerto Rico. Presentation at the Federal-State Cooperative for Population Estimates Spring Meeting (FSCPE).

## Grants

### *External Funding*

- 2016 Loan Repayment Grant, National Institutes of Health (\$22,500; Not funded)  
2015 Conference Organization Grant, Puerto Rico Institute of Statistics (\$75,000; funded)  
2013 Conference Organization Grant, Puerto Rico Institute of Statistics (\$30,000; funded)

### *Internal Funding*

- 2015-16 Open Access Publication Grant, University Libraries, Pennsylvania State University

## Awards and Recognitions

- 2016- Funding for Population Association of America by the Population Research Institute  
2015-17 Oak Ridge Association of Universities Research Fellowship  
2015 Carlos and Malú Alvarez Award, University of Texas at San Antonio (\$1,000)  
2012-15 Professional Development Award, University of Texas at San Antonio (\$400, each year)  
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 by the Academic Senate for Collaboration as Academic Senator  
2009 Recognition by the Academic Senate for Collaboration with Library Services  
2006 Puerto Rico House of Representatives Medal of Achievement

## Teaching Experience

### *Pennsylvania State University courses*

- |   |   |
|---|---|
| Applied Demography, Data and G.I.S. (Spring 2018) | Graduate course                         |
| Demography Colloquium (Fall 2017)                 | Guest Lecturer for Dr. Stephen Matthews |
| Principles of Demography (Fall 2017)              | Graduate course                         |
| Demographic Techniques (Fall 2017)                | Graduate course                         |

## Course Development

### *Pennsylvania State University*

- 2018 Capstone Project (APDEM 808, Spring 2018)  
2016 Applied Demography, Data and G.I.S. (APDEM 802, Collaboration with other resources)  
2015-16 Demographic Techniques (SOC 573)  
2015-16 Principles of Demography (APDEM 801)

### Graduate Student Capstone Project Advisor or Thesis Committee Membership

Name	Degree	Year	Role	Topic
Ric Stamm	M.GIS	2018	Chair	Food Accessibility
Kevin Sadowski	M.GIS	2018	Chair	Urban Geography
Diego Aguilar	M.A.	2017	Member	Mental Health
Wayne Ki Frad	M.GIS	2016	Chair	Spatial Epidemiology

### Mentoring experience

Name	Project	Year	Role
Diego Aguilar	Mortality and allostatic load	2017	Collaboration with JD Daw

### Professional Workshops

- 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

### Professional, University and Departmental Service

#### *Demography Program*

- 2017 Judge and Discussant for the Annual Mini PAA Conference

#### *Department of Sociology and Criminology*

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

#### *Pennsylvania State University*

- 2015- Online Directors of Graduate Studies, College of the Liberal Arts
- 2015- Coordinators of Online of Online Learning and Teaching (C.O.L.T.)
- 2017 Judge for the Graduate Exhibition (Poster Session)
- 2016-17 Commission on Racial/Ethnic Diversity (CORED)

#### *American Burn Association*

- 2016-19 Research Committee

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

- 2013 Judge for the Research Symposium
- 2009-10 Acting President, Student Government
- 2009 Presidential Search Committee, Institutional and System-wide Search
- 2008-09 Academic Senator
- 2006-09 Executive Secretary, Student Government
- 2008 Acting Administrative Board Representative
- 2007 Acting University Board Representative
- 2006-07 Freshman Delegate, Student Government

**Languages:** English and Spanish

**Reviewer:** Journal of Healthcare for Poor and Underserved, Ethnicity & Disease, SHOCK, Demography, Spatial Demography, Mathematical Population Studies

### References

Dr. Lloyd B. Potter  
Texas State Demographer  
[lloyd.potter@utsa.edu](mailto:lloyd.potter@utsa.edu)

Dr. Jeffrey T. Howard  
Health Scientist, U.S. Army  
[jeffhoward01@gmail.com](mailto:jeffhoward01@gmail.com)

Dr. José N. Caraballo  
Professor, UPR Cayey  
[josenoel.caraballo@gmail.com](mailto:josenoel.caraballo@gmail.com)