

# Curriculum Vitae

## Hiram Beltrán-Sánchez, Ph.D.

Professor, Community Health Sciences (CHS), Fielding School of Public Health & California Center for Population Research (CCPR)

Professor, Department of Sociology

650 Charles E. Young Drive South, room 41-257, University of California, Los Angeles (UCLA)  
Los Angeles, CA 90095-1772

Tel: 310.825.2433 Email: [beltrans@ucla.edu](mailto:beltrans@ucla.edu)

## Education

|      |  |
|------|--|
| 2009 | Ph.D. Demography, University of Pennsylvania (UPenn)                   |
| 2005 | M.A. Demography, University of Pennsylvania                            |
| 2002 | M.S. Mathematics, Northern Arizona University                          |
| 1997 | B.S. Actuarial Science, Universidad Nacional Autónoma de México (UNAM) |

## Academic Positions

|              |   |
|--------------|---|
| 2018–present | Associate Director, CCPR  |
| 2025–present | Co-Director, USC/UCLA Center on Biodemography & Population Health                                   |
| 2024–present | Full Professor, CHS & CCPR at UCLA  |
| 2021–present | Joint appointment with the Sociology Department at UCLA   |
| 2018–2024    | Associate Professor, CHS and CCPR at UCLA   |
| 2015–2018    | Assistant Professor, CHS and CCPR at UCLA   |
| 2013–2015    | Research Associate, Center for Demography of Health and Aging<br>University of Wisconsin–Madison    |
| 2011–2013    | Research Fellow, Center for Population and Development Studies<br>Harvard University                |
| 2009–2011    | Postdoctoral Fellow, Leonard Davis School of Gerontology<br>University of Southern California (USC) |

## Professional Honors and Awards

|              |   |
|--------------|---|
| 2024-2026    | Elected: Board of Directors, Population Association of America (PAA).   |
| 2024-2025    | Visiting Researcher, Harvard Center for Population and Development Studies, Harvard University.   |
| 2018 (April) | “Early Achievement Award” from PAA. Biennial award recognizing the career of a promising PAA scholar. who has made distinguished contributions to population research during the first ten years after receipt of the Ph.D. ( <a href="#">see details here</a> ). |
| 2013 (May)   | Visiting Research Fellow, Aging Research Center, Stockholm, Sweden.   |
| 2011–2013    | David E. Bell Fellow at Harvard University.   |
| 2010 (July)  | Visiting Research Fellow, Max–Planck Institute for Demographic Research (MPIDR), Rostock, Germany.  |
| 2009–2011    | National Institute on Aging Postdoctoral Fellow in Gerontology at USC.  |
| 2005–2009    | NIH Predoctoral Traineeship, Population Studies Center, UPenn.  |

## Research Materials

2. Palloni, A., Guido Pinto-Aguirre, **Beltrán-Sánchez, H.** (2014). “The Latin American Mortality Database (LAMBDa).” The largest repository worldwide of national-level mortality data for 19 Latin American countries starting around 1850. We worked on producing a series of data that are corrected for data quality issues making them usable

for cross-country comparisons. Our data is routinely used by the United Nations Population Division in their world population estimates.  
Available at: [www.ssc.wisc.edu/cdha/latinmortality2](http://www.ssc.wisc.edu/cdha/latinmortality2).

1. LAMBdA Team, in alphabetical order, **Beltrán-Sánchez H.**, Palloni A., Pinto G., and Verhulst A. (2019). The Latin American Mortality Database (LAMBdA): Methodological Document, Version 2.1: January 2019. [Available here](#).

## Publications

**\*Former/current student**

### Original Peer-Reviewed Articles

82. 2025 **Beltrán-Sánchez, H.** and Wong, R. “Sociodemographic links with mortality and survival in the Mexican older adult population: impact of survey attrition in the Mexican Health and Aging Study 2001-2015.” *Canadian Population Studies* 25(2): 2-27. [Available here](#).
81. 2025 \*Ponce, J. and **Beltrán-Sánchez, H.** “Cohort changes in cognitive function among Mexican older adults from 2001-2021.” *The Gerontologist*. [Available here](#).
80. 2025 Zhang, X., Wang, H., Kilpatrick, L.A., Dong, T.S., Gee, G.C, **Beltrán-Sánchez, H.**, Wang, M.C., Vaughan, A., and Church, A. “Connectome modeling of discrimination exposure: Impact on your social brain and psychological symptoms”. *Progress in Neuropsychopharmacology & Biological Psychiatry*, 139: 111366. [Available here](#).
79. 2024 Olshansky, J.S., Wilcox, B., Demetrius, L. and **Beltrán-Sánchez, H.** “Plausibility of Radical Life Extension in Humans.” *Nature Aging*, 4: 1635–1642. [Available here](#).
78. 2024 \*Melgoza, E., Cardenas, V., and **Beltrán-Sánchez, H.** “Emergency Medical Services Provider-Perceived Alzheimer’s Disease and Related Dementias in the Prehospital Setting.” *The Western Journal of Emergency Medicine*. [Available here](#).
77. 2024 \*Nakphong, M., Afulani, P.A., **Beltrán-Sánchez, H.**, Opot, J., and Sudhinaraset, M. “Integrating support persons into maternity care and associations with quality of care: a study with mothers and support persons in Kenya.” *BMC Pregnancy and Childbirth*, 4(1): 425. [Available here](#).
76. 2024 Goldman, N., Park, S.S., and **Beltrán-Sánchez, H.** “Life Expectancy among Native Americans during the COVID-19 Pandemic: Estimates, Uncertainty, and Obstacles.” *American Journal of Epidemiology*, 1-7. [Available here](#).
75. 2024 Zhang, K, Ravichandran, S., Gee, G., Dong, T.S., **Beltrán-Sánchez, H.**, Wang, M.C., Kilpatrick, L.A., Labus, J.S., Vaughan, A., and Gupta, “Social Isolation, Brain Food Cue Processing, Eating Behaviors, and Mental Health Symptoms.” *JAMA Network Open*. 7(4): e244855. [Available here](#).
74. 2024 Tamayo, M., Olivares, M., Ruas-Madiedo, P., Margolles, J.C., Medina, I., Moreno-Arribas, M.V., Canales, S., Mirasso, C., Ortin, S., **Beltrán-Sánchez, H.**, Palloni, A., Tomás-Barberán, F.A., and Sanz, Y. “How Diet and Lifestyle Can Fine-Tune Gut Microbiomes for Healthy Aging.” *Annual Reviews of Food Science and Technology*, 15: 7.1-7.23. [Available here](#).

73. 2024 Dong, T.S., Simmer, S., Peters K, Gee G.G., **Beltrán-Sánchez, H.**, Wang, M.C., Kilpatrick, L.A., Zhang, X., Labus, J., Vaughan, A., Church, A. “Experiences of Discrimination are Associated with Microbiome and Transcriptome Alterations in the Gut.” *Frontiers in Microbiology*. [Available here](#).
72. 2024 Macinko, J., **Beltrán-Sánchez, H.**, Vaz de Melo Mambrini, J., and Lima-Costa, M.F., “Socioeconomic, disease burden, physical functioning, and environmental factors associated with mortality among older adults: The Brazilian Longitudinal Study of Ageing (ELSI-Brazil).” *Journal of Aging and Health*, 36(1-2): 25-34. [Available here](#).
71. 2023 Bozick, R., Burgette, L.F., Sharygin, E., Shih, R., Weidmer, Tzen, M., B., Kofner, A., Brand, J.E., and **Beltrán-Sánchez, H.** “Evaluation of the Accuracy of the 2020 Census Block-Level Estimates in California” *Demography*, 60(6): 1903-1921. [Available here](#).
70. 2023 Zhang, X., Wang, H., Kilpatrick, L.A., Dong, T.S., Gee, G., Labus, J.S., Osadchiy, V., **Beltrán-Sánchez, H.**, Wang, M., Vaughan, A., Gupta, A. “Discrimination Exposure Impacts Unhealthy Processing of Food-Cues: Crosstalk between the Brain and Gut.” *Nature Mental Health*, 1: 841-852. [Available here](#).
69. 2023 Park, S.S., Goldman, N., **Beltrán-Sánchez, H.** and Andrasfay, T. “The Impact of COVID-19 on Life Expectancy among Four Asian American Subgroups.” *Social Science & Medicine Population Health*, 24: 1-12. [Available here](#)
68. 2023 Kilpatrick, L.A., Zhang, K, Dong, T.S., Gee, G., **Beltrán-Sánchez, H.**, Wang, M., Labus, J.S., Naliboff, B.D., Mayer, E.A., Gupta, A. “Mediation of the association between disadvantaged neighborhoods and cortical microstructure by body mass index.” *Communications Medicine*, 3 (122): 1-8. [Available here](#).
67. 2023 \*Ponce, J. and **Beltrán-Sánchez, H.**, “US Migration History and Depressive Symptoms Among Older Mexican Adults: 2012-2018.” *Salud Publica de Mexico*, 65(5): 485-492. [Available here](#).
66. 2023 \*Melgoza, E., Cardenas, V., Enduidanos, S., Vargas Bustamante, A. and **Beltrán-Sánchez, H.** “A Systematic Literature Review of Hispanic Adults’ Experiences With the Emergency Medical Services System in the United States Between 2000 and 2021.” *Medical Care* 61(3): 150-156. [Available here](#).
65. 2023 \*Melgoza, E., **Beltrán-Sánchez, H.**, and Vargas Bustamante, A. “Injury-Related Emergency Medical Service Calls, Traffic Accidents, and Crime in Mexico City Before and During the COVID-19 Pandemic.” *Prehospital and Disaster Medicine* 38(1): 73-80. [Available here](#).
64. 2023 Huangfu, Y., Palloni, A., **Beltrán-Sánchez, H.**, and McEniry. M., “Gene-Environment interactions and the case of BMI and obesity: how much do they matter?” *Proceedings of the National Academy of Sciences PNAS-Nexus*, forthcoming. [Available here](#)
63. 2023 Dong, T.S., Gee, G., **Beltrán-Sánchez, H.** et al. “How Discrimination Gets Under the Skin: Biological Determinants of Discrimination Associated with Dysregulation of the Brain-Gut Microbiome System and Psychological Symptoms.” *Biological Psychiatry*. 94(3): 203-214. [Available here](#).
62. 2022 **Beltrán-Sánchez, H.**, Palloni, A., Huangfu, Y., and McEniry. M., “Modeling biological age and its link with the aging process.” *Proceedings of the National Academy of Sciences PNAS-Nexus*, 1(3): 1-9. [Available here](#).
61. 2022 Fernandez, O. and **Beltrán-Sánchez, H.**, “On the Emergence of the Correlation between Life Expectancy and the Variance in the Age at Death.” *Royal Society Open*

- Science*, 9(11): 1-33. [Available here](#).
60. 2022 \*Archuleta, J. and **Beltrán-Sánchez, H.** “The impact of education and insurance status on past-year dental visits among older Mexican adults: Results from the 2001 and 2012 Mexican Health and Aging Study (MHAS).” *Journal of Aging and Health*, 0(0): 1–19. [Available here](#).
  59. 2022 Fernandez O. and **Beltrán-Sánchez, H.** “Life span inequality as a function of the moments of the deaths distribution: connections and insights.” *PLoS ONE* 17(1): e0262869. [Available here](#).
  58. 2021 **Beltrán-Sánchez, H.**, Palloni, A., Huangfu, Y., and McEniry. M. “Population-level Impact of Adverse Early Life Conditions on Adult Trajectories of Morbidity, Disability and Mortality for Low- and Middle-income Countries.” *Population Studies* 76(1): 19–36. [Available here](#).
  57. 2021 Palloni, A., **Beltrán-Sánchez, H.** and Pinto, G., “Estimation of Older Adult Mortality from Information Distorted by Systematic Age Misreporting.” *Population Studies*. 75(3): 403–420. [Available here](#).
  56. 2021 \*Melgoza, E., **Beltrán-Sánchez, H.**, and Bustamante, A., “Emergency medical service use among Latinos aged 50 and older in California counties, except Los Angeles, during the early COVID-19 pandemic period.” *Frontiers in Public Health, section Aging and Public Health* 9: 1-9. [Available here](#).
  55. 2021 \*Carabali Hinestroza, B., **Beltrán-Sánchez, H.**, Airda, T., and Palloni, A. “Estimación de la tasa de mortalidad en contexto de altos homicidios: caso de la región Pacífica colombiana, 1993-2013.” (Mortality rate estimates in the context of high homicide burden: the case of the Pacific region of Colombia, 1993-2013) *Revista Latinoamericana de Población* 15(19): 140-165. [Available here](#)
  54. 2021 García Guerrero V.M. and **Beltrán-Sánchez, H.** “Heterogeneity in excess of mortality and its impact on loss of life expectancy due to COVID-19: Evidence from Mexico.” *Canadian Studies in Population*, 48: 165-200. [Available here](#).
  53. 2021 \*Nakphong, M.K. and **Beltrán-Sánchez, H.**, “Socioeconomic Status and the Double Burden of Malnutrition in Cambodia between 2000 to 2014: Overweight Mothers and Stunted Children.” *Public Health Nutrition*, 24(7): 1806-1817. [Available here](#).
  52. 2021 Soneji, S., **Beltrán-Sánchez, H.**, Yang J.W., and Mann, C., “Population-Level Mortality Burden from Novel Coronavirus (COVID-19) in Europe and North America.” *Genus* 77(7). [Available here](#).
  51. 2021 Soneji, S., **Beltrán-Sánchez, H.**, Yang J.W., and Mann, C., “Population-Level Mortality Rates from Novel Coronavirus (COVID-19) in South Korea.” *Asia Pacific Journal of Public Health*. 3(2-3): 293-295. PMID: 32511648, PMCID: PMC7277004. [Available here](#).
  50. 2020 **Beltrán-Sánchez, H.**, Goldman, N., Pebley, A. and \*Flores Morales, J. “Calloused Hands, Shorter Life? Occupation and Older Age Survival in Mexico.” *Demographic Research*, 42(32): 875-900. [Available here](#).
  49. 2020 \*Young, M.E., **Beltrán-Sánchez, H.**, Wallace, S. “States with fewer criminalizing immigrant policies have smaller health care inequities between citizens and noncitizens.” *BMC Public Health*, 20:1460. [Available here](#).

48. 2020 Palloni, A., McEniry. M., Huangfu, Y. and **Beltrán-Sánchez, H.** “Impacts of the 1918 Flu on Survivors’ Nutritional Status: a Double Quasi-natural Experiment.” *PLoS ONE*, 15(10):e0232805. [Available here.](#)
47. 2020 Olshansky, S.J., **Beltrán-Sánchez, H.**, Carnes, B.A., Yang, C., and Willcox, B. “Longevity and Health of U.S. Presidential Candidates for the 2020 Election.” *Public Policy & Aging Report*, 30(2): 67-72. [Available here.](#)
46. 2019 Soneji, S. and **Beltrán-Sánchez, H.** “Association of Special Supplemental Nutrition Program for Women, Infants, and Children Benefits With Preterm Birth and Infant Mortality.” *JAMA Network Open* 2(12):e1916722. PMID: 31800070. [Available here.](#)
45. 2019 **Beltrán-Sánchez, H.** and Subramanian, S.V. “Period and Cohort-Specific Trends in Life Expectancy at Different Ages: Analysis of Survival in High-income Countries.” *Social Science & Medicine: Population Health*. 8: 100422. [Available here.](#)
44. 2019 \*Verhulst, A., **Beltrán-Sánchez, H.**, and Palloni, A. “Impact of Delayed Effects on Human Old-Age Mortality.” *Demographic Research* 40(41): 1165-1210. [Available here.](#)
43. 2019 Soneji, S. and **Beltrán-Sánchez, H.** “Association of Maternal Cigarette Smoking and Smoking Cessation With Preterm Birth.” *JAMA Network Open* 2(4): e192514. [Available here.](#)
42. 2019 \*Aburto, J.M. and **Beltrán-Sánchez, H.** “Upsurge of Homicides and Life Expectancy and Lifespan Inequality in Mexico, 2005-2015.” *American Journal of Public Health* 109(3): 483–489. [Available here.](#)
41. 2018 **Beltrán-Sánchez, H.** and Finch, C.E., “Life Expectancy: Age is just a number”, *eLife* 7:e34427. [Available here](#)
40. 2017 **Beltrán-Sánchez, H.**, Pebley, A. and Goldman, N. “Links between Primary Occupation and Functional Limitations among Older Adults in Mexico.” *Social Science & Medicine: Population Health* 3(2017):382-392. [Available here.](#)
39. 2017 **Beltrán-Sánchez, H.** and Riosmena, F. “Socioeconomic inequalities in the risk of chronic disease between Mexicans residing in the U.S. and their U.S counterparts.” *2017 Migration and Health Series Report*, National Population Council of Mexico (CONAPO) and University of California. [Available here.](#)
38. 2017 Palloni, A. and **Beltrán-Sánchez, H.** “Discrete Barker Frailty and Warped Mortality Dynamics at Older Ages” *Demography* 54(2):655–671. PMID: 28188448. [Available here.](#)
37. 2017 Palloni, A., **Beltrán-Sánchez, H.**, and Pinto, G. “Uncertainty of Mortality Estimates and Hypotheses Testing: The Case of Latin America and Caribbean: 1850-2010.” *Población-CEPAL*, 44(104): 13-32. [Available here.](#)
36. 2017 Cao, B., Bray, F., **Beltrán-Sánchez, H.**, Ginsburg, O., Soneji, S., Soerjomataram, I. “Benchmarking life expectancy and cancer mortality: a global comparison with cardiovascular disease 1980-2010.” *BMJ* 357:j2765. [Available here.](#)
35. 2016 **Beltrán-Sánchez, H.**, and Andrade, F.C.D. “Time Trends in Adult Chronic Disease Inequalities by Education in Brazil: 1998-2013.” *International Journal for Equity in Health* 15(1):139. PMID: 27852329. [Available here.](#)
34. 2016 **Beltrán-Sánchez, H.**, Palloni, A., Riosmena, F., and Wong, R. “SES Gradients among Mexicans in the US and in Mexico: A new Twist to the Hispanic Paradox?” *Demography* 53(5):1555–1581. PMID: 27655408. [Available here.](#)



33. 2016 **Beltrán-Sánchez, H.**, \*Jimenez, M.P. and Subramanian, S.V. “Evaluating Compression of Morbidity in two cohorts in the Health and Retirement Study.” *Journal of Epidemiology and Community Health*, 70(10):1011–1016. PMID: 27655408. [Available here](#).
32. 2016 Walter, S., **Beltrán-Sánchez, H.**, Regidor, E., Gomez-Martin, C., del Barrio, J.L., Gil de Miguel, A., Subramanian, S.V. and Gil-Prieto, R. “No Evidence of Morbidity Compression in Spain — A Time Series Study based on National Hospitalization Records.” *International Journal of Public Health*, 61(7):729–38. PMID: 27233641. [Available here](#).
31. 2016 \*Aburto, J.M., **Beltrán-Sánchez, H.**, García-Guerrero, V.M. and Canudas-Romo, V. “Homicides In Mexico Reversed Life Expectancy Gains For Men And Slowed Them for Women, 2000-10.” *Health Affairs*, 35(1):88-95. PMID:26733705. [Available here](#).
30. 2016 Suemoto, C.K., Ueda, P., **Beltrán-Sánchez, H.**, Lebrão, M.L., Duarte, Y.A., Wong, R, Danaei, G., “Development and validation of a 10-year mortality prediction model: meta-analysis of individual participant data from five cohorts of older adults in developed and developing countries.” *Journal of Gerontology Medical Sciences*, 72(3):410–416. PMID: 27522061. [Available here](#).
29. 2016 Squires, A., Uyei, J., **Beltrán-Sánchez, H.**, Jones, J. “Examining the Influence of Country Level and Health System Factors on Nursing and Physician Personnel Production.” *Human Resources for Health*, 14(1):48. PMID: 27523185. [Available here](#).
28. 2016 Canudas-Romo, V., \*Aburto, J.M., García-Guerrero, V.M., and **Beltrán-Sánchez, H.** “Mexico’s epidemic of violence and its public health significance on average length of life.” *Journal of Epidemiology and Community Health*, 71(2):188–193. PMID: 27451436. [Available here](#).
27. 2016 Olshansky, S. J., Carnes, B. A., Yang, Y. C., Miller, N., Anderson, J., **Beltrán-Sánchez, H.**, and Ricanek, K. (2016). “The Future of Smart Health.” *IEEE Computer*, 49(11), 14-21. [Available here](#).
26. 2015 **Beltrán-Sánchez, H.**, Crimmins, E.M, and Finch, C.E. “The 20<sup>th</sup> Century Surge of Excess Adult Male Mortality.” *Proc Nat Acad Sciences, USA*, 112(29):8993–8998. PMCID: PMC4517277. [Available here](#).
25. 2015 **Beltrán-Sánchez, H.**, Andrade, F.C.D., and Riosmena, F. “Contributions of Socioeconomic Factors and Health Care Access on the Awareness and Treatment of Diabetes and Hypertension among Older Mexican Adults.” *Salud Pública de México*, 57(suppl.1):S6–S1. PMID:26172227. [Available here](#).
24. 2015 Fernandez, O.E. and **Beltrán-Sánchez, H.** “The Entropy of the Life Table: A Reappraisal.” *Theoretical Population Biology*, 104(2015):26–45. PMID:26188244. [Available here](#).
23. 2015 Palloni, A., **Beltrán-Sánchez, H.**, Novak, B., Pinto, G., Wong, R. “Adult Obesity, Disease and Longevity in Mexico.” *Salud Pública de México*, 57(suppl.1):S22–S30. PMID:26172231. [Available here](#).
22. 2015 Pinto, G., **Beltrán-Sánchez, H.** “Prospective Study of Overweight/Obesity and Diabetes Incidence among Mexican Older Adults: MHAS 2001-2012.” *Salud Pública de México*, 57(suppl.1):S15–S21. PMID:26172229. [Available here](#).
21. 2015 Ailshire, J., **Beltrán-Sánchez, H.**, and Crimmins, E.M. “Becoming Centenarians: Disease and Functioning Trajectories of Older U.S. Adults as They Survive to 100.” *Journal of Gerontology Medical Sciences*, 70(2):193-201. PMCID: PMC4311187. [Available here](#).

20. 2015 Solé-Auró, A., **Beltrán-Sánchez, H.**, and Crimmins, E.M. “Are Differences in Disability-free Life Expectancy by Gender, Race and Education Widening at Older Ages?” *Population Research and Policy Review*, 34(1):1-8. [Available here](#).
19. 2014 **Beltrán-Sánchez, H.**, Razak, F., Subramanian, S.V. “Going Beyond the Disability-based Morbidity Definition in the Compression of Morbidity Framework.” *Global Health Action*, 7:24766. DOI: 10.3402/gha.v7.24766. PMCID: PMC4176669. [Available here](#).
18. 2014 Chiavegatto-Filho, A.D.P., **Beltrán-Sánchez, H.**, and Kawachi, I. “Racial Disparities in Life Expectancy in Brazil: Challenges from a Multiracial Society.” *American Journal of Public Health*, 104(11):2156-2162. PMID: 24432884. [Available here](#).
17. 2014 Finch, C.E., **Beltrán-Sánchez, H.**, and Crimmins, E.M. “Uneven Futures of Human Lifespans: Reckonings from Gompertz Mortality Rates, Climate Change, and Air Pollution.” *Gerontology*, 60(2):183-188. PMCID: PMC4023560. [Available here](#).
16. 2014 Elo, I.T., **Beltrán-Sánchez, H.**, and Macinko, J. “The Contribution of Cause-specific Mortality Amenable to Healthcare and other Interventions to Black-White Disparities in Life Expectancy, 1980-2007.” *Population Research and Policy Review*, 33(1):97-126. PMCID: PMC3925638. [Available here](#).
15. 2014 Soneji, S., **Beltrán-Sánchez, H.**, and Sox, H. “Assessing Progress in Reducing the Burden of Cancer Mortality, 1985-2005.” *Journal of Clinical Oncology* 32(5):444-448. PMCID: PMC3912329. [Available here](#).
14. 2013 **Beltrán-Sánchez, H.**, and Crimmins, E.M. “Biological Risk in the Mexican Population at the Turn of the 21st Century.” *Journal of Cross-Cultural Gerontology*, 28(3):299-316. PMCID: PMC3770809. [Available here](#).
13. 2013 **Beltrán-Sánchez, H.**, Thomas, D., Teruel, G., Wheaton, F. and Crimmins, E.M. “Links between Socio-Economic Circumstances and Changes in Smoking Behavior in the Mexican Population: 2002-2010.” *Journal of Cross-Cultural Gerontology*, 28(3):339-358. PMCID: PMC3777536. [Available here](#).
12. 2013 **Beltrán-Sánchez, H.** and Andrade, F.C.D. “Educational and Sex Differentials on Life Expectancies and Disability-Free Life Expectancies in São Paulo, Brazil and Urban Areas in Mexico.” *Journal of Aging and Health*, 25(5):815-838. PMCID: 3845480. [Available here](#).
11. 2013 **Beltrán-Sánchez, H.**, Harhay, M.O., Harhay, M.M., McElligott, S. “Prevalence and Trends of the Metabolic Syndrome in the Adult US Population, 1999-2010.” *Journal of the American College of Cardiology*, 62(8):697-703. PMCID: PMC3756561. [Available here](#).
10. 2012 **Beltrán-Sánchez, H.**, Crimmins, E.M, and Finch, C.E. “Early Cohort Mortality Predicts the Cohort Rate of Aging: an Historical Analysis.” *Journal of Developmental Origins of Health and Disease*, 3(5):380-386. PMID: 23626899. [Available here](#).
9. 2012 **Beltrán-Sánchez, H.** and Ailshire J.A. “The Persistent Socioeconomic Differences in Health and Survival: Are we Closing the Gap?” *Contingencies*, 24(1):30-34. [Available here](#).
8. 2011 **Beltrán-Sánchez, H.** and Soneji, S. “A Unifying Framework for Assessing Changes in Life Expectancy Associated with Changes in Mortality: The Case of Violent Deaths.” *Journal of Theoretical Population Biology*, 80(1):38-48. PMCID: PMC3125714. [Available here](#).
7. 2011 **Beltrán-Sánchez, H.**, Crimmins, E.M, Thomas, D., and Teruel, G. “Links between Childhood and Adult Social Circumstances and Obesity and Hypertension in the Mexi-

- can Population.” *Journal of Aging and Health*, 23(7):1141-1165. PMID: PMC3187563. [Available here.](#)
6. 2011 Crimmins, E.M. and **Beltrán-Sánchez, H.** (2011). “Mortality and Morbidity Trends: Is There Compression of Morbidity?” *Journals of Gerontology Series B-Psychological Sciences and Social Sciences*, 66B(1):75-86. PMID: PMC3001754. [Available here.](#)
  5. 2011 Squires, A. and **Beltrán-Sánchez, H.** “Exploring the Links Between Macro-Level Contextual Factors and Their Influence on Nursing Workforce Composition.” *Policy, Politics & Nursing Practice*, 2(4):215-223. PMID: PMC3373005. [Available here.](#)
  4. 2011 Ailshire, J.A., **Beltrán-Sánchez, H.** and Crimmins, E.M. “Social Characteristics and Health Status of Exceptionally Long-Lived Americans in the Health and Retirement Study.” *Journal of the American Geriatrics Society*, 59(12):2241-2248. PMID: PMC3470876. [Available here.](#)
  3. 2009 Squires, A. and **Beltrán-Sánchez, H.** “Predicting Nursing Human Resources: An Exploratory Study.” *Policy, Politics & Nursing Practice*, 10(2):101-109. PMID: PMC2824496. [Available here.](#)
  2. 2008 **Beltrán-Sánchez, H.**, Preston, S.H. and Canudas-Romo, V. “An Integrated Approach to Cause-of-Death Analysis: Cause-Deleted Life Tables and Decompositions of Life Expectancy.” *Demographic Research* 19(35):1323-1350. PMID: PMC2822405. [Available here.](#)
  1. 1998 **Beltrán-Sánchez, H.** “Internal migration in Campeche State: 1960-1990.” *Papeles de Población*, 4(17):45-62. PMID: 12349181. [Available here.](#)

## Book Chapters

9. 2021 Riosmena, F., **Beltrán-Sánchez, H.**, Reynolds, M., and Vinneau, J. “How is the Health of the Mexican-origin Population on both sides of the Border Affected by Policies and Attitudes in the United States?” Chapter 14 in Hinojosa R. and Tellez E., editors, *The Trump Paradox: Migration, Trade and Racial Politics in U.S.-Mexico Relations*. University of California Press. [Available here.](#)
8. 2020 **Beltrán-Sánchez, H.** and Soneji, S. “Life Tables and their Link with Healthy Aging” in Gu D. and Dupre M.E., editors, *Encyclopedia of Gerontology and Population Aging*. Elsevier. [Available here.](#)
7. 2018 **Beltrán-Sánchez, H.** and Riosmena, F. “Socioeconomic inequalities in the risk of chronic disease between Mexicans residing In the US, their U.S. Counterparts, and those in Mexico.” National Population Council, Health Initiative of the Americas School of Public Health, University of California, Berkeley and University of California, Davis *Migration and Health. Reflections and challenges about the health of migrants, Chapter 3.*
6. 2018 Crimmins, E.M., **Beltrán-Sánchez, H.**, Brown, L., and Yon, Y. “Ageing in North America: Canada and the United States.” In Jean-Pierre M., Beattie B.L., Martin F.C., and Walston, J.D., editors, *Oxford Textbook of Geriatric Medicine: Section 1: Aging and Population Policy: Demographic Perspectives, Chapter 3.* Oxford University Press. [Available here.](#)
5. 2016 **Beltrán-Sánchez, H.**, Soneji, S. and Crimmins, E.M. “Past, Present and Future of Healthy Life Expectancy.” In Olshansky, J.S., Martin, G.M., and Kirkland, L., editors, *The Longevity Dividend, Part III: Societal Implications of Delayed Aging.* Cold Spring Harbor Laboratory Press, pp. 209-220. [Available here.](#)



4. 2016 Palloni, A. and **Beltrán-Sánchez, H.** “Demographic Consequences of Barker Frailty.” In Schoen, R. editor, *Dynamic Demographic Analysis*. Springer. Ch 8, pp. 147-176. [Available here](#).
3. 2015 Preston, S.H. and **Beltrán-Sánchez, H.** “Limits to Human Longevity.” In Scott, B., and Kosslyn, S. editors, *Emerging Trends in the Social and Behavioral Sciences. Social Processes. Population Dynamics*. Wiley. [Available here](#).
2. 2013 Crimmins, E., Wheaton, F., Vasunilashorn, S., **Beltrán-Sánchez, H.**, Zhang, L., and Kim, J.K. “A Global Perspective on Physiological Change with Age.” In McDonald S.A. and Zimmer Z, editors, *Global Ageing in the Twenty-First Century: Challenges, Opportunities and Implications*. Ashgate Publishing Ltd: England. Ch. 5, pp. 79-103. [Available here](#).
1. 2011 **Beltrán-Sánchez, H.** “Avoidable Mortality: A review.” In Rogers R. R. and Crimmins E.M., editors, *International Handbook of Adult Mortality*. Dordrecht: Springer. Ch. 23, pp. 491-508. [Available here](#).

### Commentary/Letter to Editor

1. 2018 **Beltrán-Sánchez, H.**, Austad, S.N. and Finch, C.E., “Technical Comment on Barbi et al. *Science* 360,1459-1462, 2018: The Plateau of Human Mortality: Demography of Longevity Pioneers”, *Science*, 361(6409): eaav1200. [Available here](#).

### Other Publications

6. 2022 Burgette, L.F., Weidmer, B.A., Bozick, R., Kofner, A., Tzen, M., Brand, J.E., **Beltrán-Sánchez, H.**, Shih, R.A. “2020 California Neighborhoods Count. Validation of U.S. Census Population Counts and Housing Characteristic Estimates Within California.” [Available here](#).
5. 2020 Olshansky, S.J., **Beltrán-Sánchez, H.**, Yang, C., Li, Y., Barzilai, N., Rode, P., and Willcox, B. “Projected Lifespan and Healthspan of Donald Trump and Joe Biden Before the 2020 Election.” *Journal on Active Aging*. [Available here](#).
4. 2014 **Beltrán-Sánchez, H.** “Health Risk Factors in the Adult Mexican Population.” *Risk Dialogue Magazine*, Swiss Re, Centre for Global Dialogue. [Available here](#).
3. 2011 **Beltrán-Sánchez, H.** and Ailshire J.A. “The Role of Health and Health Behaviors in Determining Survivorship among the U.S. Oldest-Old.” *Monographs of the Society of Actuaries* [Available here](#).
2. 2013 Squires, A., and **Beltrán-Sánchez, H.** “Health Systems Strengthening, Migration, and Development: A Comparative Case Study of Five Countries in the Americas.” *Migration Policy Institute*. [Available here](#).
1. 2007 **Beltrán-Sánchez, H.** and Preston, S.H. “A New Method for Attributing Changes in Life Expectancy to Various Causes of Death, with Application to the United States.” *Working Paper Series*, Population Studies Center, University of Pennsylvania. [Available here](#).

### Papers Under Review

\* Former/current student

13. **Beltrán-Sánchez, H.** and Fernandez, O. “The Evolving Statistical Signature of Human Mortality: Skewness, Kurtosis, and Life Span Disparity.”

12. Locks, G. and **Beltrán-Sánchez, H.** “Beyond Overall Income Inequality: Racial Income Gaps and Health Disparities.”
11. \*Ponce, J. and **Beltrán-Sánchez, H.** “The Association of Education and Net Worth on Cohort Differences in Cognitive Function in México.”
10. \*Melgoza, E., Vargas Bustamante, A., Prelip, M. and **Beltrán-Sánchez, H.** “A Scoping Review of the Multi-Level Factors that Impact Provision of Emergency Services to Hispanic Older Adults Across the Six Links in the Out-of-Hospital Chain of Survival.”
9. \*Abarca Nava, G., Pebley, A., **Beltrán-Sánchez, H.**, Goldman, N. “Dynamics of Physical Functional Limitations for Older Adults: Racial, Ethnic, and Nativity Disparities.”
8. Kilpatrick, L.A., Gee, G., **Beltrán-Sánchez, H.**, Zhang, X., Wang, M., Labus, J.S., Dong, T.S., Gupta, A., “Mediation of the relationship between neighborhood disadvantage and added sugar intake by brain morphology supporting response inhibition and social cognition in early adolescence.”
7. McEniry, M., Palloni, A., **Beltrán-Sánchez, H.**, and Huangfu, Y. “Reliability of childhood retrospective questions and anthropometric markers of early life nutrition in surveys of older adults in the Latin American and Caribbean region.”
6. Aldea-Ramos, N., García-Aguirre, A., Daza, S., **Beltrán-Sánchez, H.**, and Palloni, A., “Genes, mating and fertility as determinants of global obesity trends.”
5. Aldea-Ramos, N., García-Aguirre, A., **Beltrán-Sánchez, H.**, Daza, S., and Palloni, A., “Impact of genetic heritability, assortative mating, and fertility differentials on population-level obesity trends.”
4. McEniry, M., García-Aguirre, Aldea-Ramos, Huangfu, Y., Guo, **Beltrán-Sánchez, H.**, and Palloni, A., “Trajectories of Child Obesity and Child Obesity Among Children in the US.”
3. Meza, E., Kapaon, D., **Beltrán-Sánchez, H.**, Tollman, S., Glymour, M.M., Berkman, L.F., Bassil, D.T., Glymour, M. “Intergenerational Education and Late-life Cognitive Performance: A Comparison Between Rural Mexico and South Africa.”
2. Zhang, X., Dong, T.S., Gee, G., Kilpatrick, L.A., **Beltrán-Sánchez, H.**, Wang, M., Vaughan, A., Gupta, A. “Social Bonds and Health: Exploring the Impact of Social Relations on Oxytocin and Brain-Gut Communication in Shaping Obesity.”
1. Zhang X., Kilpatrick, L.A., Dong, T.S., Gee, G.C., **Beltrán-Sánchez, H.**, Wang, .M.C, Vaughan, A., Church, A. “Loneliness and its impact on health: Mechanisms related to the brain-gut axis and diet.”

## News coverage of my research

2024: Olshansky, J.S., Wilcox, B., Demetrius, L. and **Beltrán-Sánchez, H.** “Plausibility of Radical Life Extension in Humans.” *Nature Aging*, 4: 1635–1642. [Available here](#).

- In the **top 1%** of tracked articles of a similar age in *Nature Aging*
- High Attention Score compared to outputs of the same age and source (98th percentile)
- Picked up by over 400 news outlets, including major news outlets in the US (e.g. NY Times, ABC news, CNN, National Geographic, Boston Herald, Business Insider), and elsewhere (e.g., Le Monde in France, The Guardian in England, El Pais in Spain).

2022: **Beltrán-Sánchez, H.**, Palloni, A., Huangfu, Y. and McEniry, M. “Modeling biological age and its link with the aging process” *PNAS Nexus*. [Available here](#).

- In the **top 5%** of all research outputs scored by Altmetric as of August 18, 2022
- High Attention Score compared to outputs of the same age and source (97th percentile)
- Picked up by major news outlets in Europe (e.g., Nova Ciencia).

2019: Soneji, S., **Beltrán-Sánchez, H.**, “Association of Special Supplemental Nutrition Program for Women, Infants, and Children With Preterm Birth and Infant Mortality.” *JAMA Network Open* 2(12): e1916722. [Available here.](#)

- In the **top 5%** of all research outputs scored by Altmetric as of May, 2019
- High Attention Score compared to outputs of the same age and source (97th percentile)
- Picked up by major news outlets in the US (e.g., ABC News), in Europe (e.g., The London Economic).

2019: Soneji, S., **Beltrán-Sánchez, H.**, “Association of Maternal Cigarette Smoking and Smoking Cessation With Preterm Birth.” *JAMA Network Open* 2(4): e192514. [Available here.](#)

- In the **top 5%** of all research outputs scored by Altmetric as of May, 2019
- High Attention Score compared to outputs of the same age and source (97th percentile)
- Picked up by major news outlets in the US (e.g., Medical Press, Physician’s week), in Europe (e.g., The London Economic).
- UCLA Newsroom

2019: Aburto, J.M., **Beltrán-Sánchez, H.**, “Upsurge of Homicides and Life Expectancy and Lifespan Inequality in Mexico, 2005-2015.” *American Journal of Public Health* 109(3): 483–489. [Available here.](#)

- In the **top 5%** of all research outputs scored by Altmetric as of Feb 8, 2019
- High Attention Score compared to outputs of the same age and source (91st percentile)
- Picked up by major news outlets in the US (e.g., Newsweek, Telemundo—the main Spanish speaking TV network in the US), in Europe (e.g., The London Economic), and in Latin America (e.g., Mexico: Newsweek Mexico).
- UCLA Newsroom

2016: Aburto, J.M., **Beltrán-Sánchez, H.**, García-Guerrero, V.M. and Canudas-Romo, V. “Homicides In Mexico Reversed Life Expectancy Gains For Men And Slowed Them for Women, 2000-10.” *Health Affairs*, 35(1):88-95. [Available here.](#)

- In the **top 5%** of all research outputs scored by Altmetric as of Feb 8, 2019
- High attention score compared to outputs of the same age (99th percentile) and of the same age and source (93th percentile)
- Picked up by 29 major news outlets in the US (e.g., The New York Times, Newsweek, Boston Herald, MSN news, Univision—the main Spanish speaking TV network in the US), in Europe (e.g., The Guardian (England), Der Spiegel (Germany)), and in Latin America (e.g., Mexico: Excelsior, El Universal; Costa Rica: Tico Times).

2015: **Beltrán-Sánchez, H.**, Crimmins, E.M, and Finch, C.E. “The 20<sup>th</sup> Century Surge of Excess Adult Male Mortality.” *Proceedings of National Academy of Sciences, USA*, 112(29):8993-8998. [Available here.](#)

- Compared to other publications in the same field, this publication is extremely highly cited and **has received approximately 30 times more citations than average**. See: <https://badge.dimensions.ai/details/id/pub.1015413598u>
- in the **99 percentile** of a sample of 183,909 of the 184,372 tracked articles of a similar age in all journals
- in the **99 percentile (ranked 11)** of the 1,103 tracked articles of a similar age in PNAS
- Picked up by 29 major news outlets in the US (e.g., Los Angeles Times, CBS News, and NBC News), in Europe (The Telegraph (England), El Pais (Spain)).

## Funding

Extramural support (Grants or Contracts):

### **Pending**

2024-2029 NIH R13, Title: Annual Cohorts Studies Workshops.  
Role: Multiple-PI with Costa, D. and Bayley, M. (UCLA Economics)

### **Awarded**

2022-2027 NIH, T32HD007545. Title: California Center for Population Research Training Program (T32),  $\approx$  \$18,201,480 (direct & indirect).  
Role: Multiple-PI with Heuveline, P.

2022-2027 NIH, P2CHD041022. Title: California Center for Population Research (CCPR) at UCLA,  $\approx$  \$3,899,625 (direct & indirect).  
Role: Co-I with Brand, J.A.

2021-2026 NIH, R01AG068392. Title: Health of Aging Mexicans on Both Sides of the Border.  
Role: Co-I with Riosmena, F. (University of Texas, San Antonio)

2022-2027 NIH, R01MD015904. Title: Social Isolation and Discrimination as Stressors Influencing Brain-Gut Microbiome Alterations Among Filipino and Mexican American,  $\approx$  \$779,086 (indirect).  
Role: Co-I with Gupta, A. (UCLA School of Medicine)

2023-2028 NIA, R01AG018016 Title: Mexican Health and Aging Study IV.  
Co-I with Rebeca Wong (University of Texas-Medical Branch)

2019-2022 California Department of Finance, Project Number: CCC-18-00006. Title: Evaluation of the 2020 Census in California,  $\approx$  \$162,675 (direct & indirect).  
Role: Co-I with Bozick, P. (RAND)

2016-2022 NIA, R01AG052030. Title: LAMBdA: The Latin American Mortality Database,  $\approx$  \$1,269,695 (direct and indirect).  
Role: Co-I with Alberto Palloni (Univ of Wisconsin-Madison).

2017-2022 NIA, R01AG018016. Title: Mexican Health and Aging Study III,  $\approx$  \$798,644 (direct and indirect).  
Co-I with Rebeca Wong (Univ of Texas-Medical Branch)

2017-2020 NIA, R01AG056608. Title: Demographic Models and Hypotheses Testing of Delayed Effects on Adult Mortality,  $\approx$  \$800,00 (direct and indirect).  
Role: Co-I with Alberto Palloni (Univ of Wisconsin-Madison)

2017-2018 PIMSA: Programa de Investigacion en Migracion y Salud. Title: Liver-related mortality among Mexican adults in the United States and Mexico,  $\approx$  \$25,000 (direct and indirect).  
Role: Multiple-PI with Yvonne Flores (UCLA HPM).

### **Submitted but not awarded**

2024 NIH R01, Title: Relations between biological age and older adult health and mortality disparities.  
Role: PI

#### Intramural support (Pilot projects):

- 2016-2017 “Estimating the Impact of Obesity on Adult Mortality: Assessment of Errors with Applications to the U.S., Costa Rica, Mexico and Puerto Rico” (Co-PI with A. Palloni). Center for Biodemography and Population Health UCLA-USC, direct costs: \$24,986.
- 2013-2015 “Biological Risk Profiles in the Elderly Mexican Population at the Turn of the 21st Century.” Center for Demography of Health & Aging UW-Madison, direct costs: \$30,000
- 2012-2013 “Investigating Compression of Morbidity and Disability in the Health and Retirement Survey”, Harvard Program on the Global Demography of Aging, direct costs: \$50,000.
- 2012-2013 “Differences in Physiological Status between the Adult Mexican Population Living in the U.S. and Mexico”, Harvard/RWJ Health and Society Scholars seed grant, direct costs: \$9,000.

## **Service**

### **Community Health Sciences committees**

- 2023 Chair of a faculty search
- 2021-24 Chair of the Doctoral committee
- 2017-20 Doctoral committee member
- 2020 Member of CHS committee on Best Research and Community Project
- 2018-19 Chair of the Masters committee
- 2017 CHS Ad hoc committee for review of a career action
- 2016 Planning committee for the welcoming to incoming CHS students
- 2016-17 Member of CHS Chair search committee
- 2015-17 CHS curriculum committee
- 2015-18 Masters committee member

### **Fielding School of Public Health Committees**

- 2018-23 Educational Policy and Curriculum Committee (EPCC)
- 2016-18 Undergraduate programs committee
- 2015-16 Research committee

### **California Center for Population Research (CCPR)**

- 2022–present Co-Director of the T32 NICHD training grant
- 2018–present Associate Director
- 2019–2021 Co-Director of the Development Core
- 2017-19 Field exam for the Demography concentration, Sociology Department
- 2017-19 Member of seed grant committee
- 2017-18 Reviewer of NICHD-T32 trainee fellowships
- 2018 Treiman fellowship committee
- 2017 Member of Director search committee
- 2016-17 Member of seminar series committee

### **UCLA wide service**

- 2020-23 UC System-wide Assembly of the Academic Senate (Los Angeles Divisional Representative)
- 2018-20 UCLA Legislative Assembly



## Service to Professional Organizations

- 2023 Planning and Development Committee of the International Conference of Aging in the Americas (ICAA)
- 2016, 2018, 2020, 2024 Planning and Development Committee of the annual meeting of the Population Association of America (PAA)

## Ad Hoc reviewer for research agencies:

- 2022, 2024 The National Institutes of Health (NIH), Social Sciences and Population Studies Study Section B (SSPB).
- 2021 Reviewer for the “Population Projections 2021-2050” for the Mexican Population Council (CONAPO).
- 2021, 2018 The Health Initiative of the Americas, a program of the University of California, Berkeley, School of Public Health. Reviewer of research proposals for the Research Program on Migration and Health (PIMSA).
- 2020, 2017 UC MEXUS-CONACYT review committee. CONACYT is the NSF-equivalent funding agency in Mexico. Served as reviewer in the peer review evaluation of postdoctoral fellowships and collaborative grant programs.
- 2019, 2016 The European Research Council (ERC): This is the NIH-equivalent funding agency for Europe. Served as reviewer in the peer review evaluation of research proposals.
- 2018, 2017 The National Institutes of Health (NIH), Social Sciences and Population Studies Study Section A (SSPA).
- 2015 The US National Academies of Sciences, Engineering and Medicine (NAS): served as reviewer of the report “*Strengthening The Scientific Foundation For Policymaking To Meet The Challenges Of Aging In Latin America And The Caribbean: Summary of a Workshop.*”

## Student mentoring at UCLA

### PhD-level Dissertation Committees

#### **Chair:**

| Status                             | Student                      |
|------------------------------------|------------------------------|
| Graduated 2021                     | Queenie Ka Win Leung (CHS)   |
| Graduated 2023                     | Josefina Morales (Sociology) |
| Graduated 2024                     | Jennifer Archuleta (CHS)     |
| Graduated 2024                     | Esmeralda Melgoza (CHS)      |
| Expected advance to candidacy 2025 | Gabino Abarca (CHS)          |
| Expected advance to candidacy 2025 | Julián Ponce (CHS)           |
| Expected advance to candidacy 2025 | Alejandra Cabral (CHS)       |

#### **Committee member:**

| Status                   | Student                             |
|--------------------------|-------------------------------------|
| Graduated 2016           | Ida Katerina Garcia-Appendini (HPM) |
| Graduated 2018           | Maria-Elena Detrinidad Young (CHS)  |
| Graduated 2018           | Imelda Padilla-Frausto (CHS)        |
| Graduated 2022           | Adrian Matias Bacong (CHS)          |
| Graduated 2022           | Michelle Nakphong (CHS)             |
| Graduated 2022           | Millicent Robinson (CHS)            |
| Graduated 2023           | Brayan V. Seixas (HPM)              |
| Graduated 2023           | Ezinne Nwankwo (CHS)                |
| Graduated 2024           | Saanchi Shah (CHS)                  |
| Graduated 2024           | Gabriela E. Lazalde (CHS)           |
| Expected graduation 2025 | Eunhee Park (CHS)                   |
| Expected graduation 2025 | Iris Guzman (CHS)                   |

### Master-level

#### **Advisor Master in Public Health at CHS:**

| Graduated | Student                      | Graduated | Student                |
|-----------|------------------------------|-----------|------------------------|
| 2017      | Katie Cobian                 | 2022      | Delia Gomez            |
| 2017      | Esmeralda Melgoza            | 2022      | Isabella Shahmirza     |
| 2017      | Jose Velasquez               | 2022      | Monica Zepeda Zuniga   |
| 2018      | Ann Hernandez                | 2023      | Evelyn Escobar Gramajo |
| 2018      | Marilyn Merino               | 2023      | Virginia Reyes Muzquiz |
| 2018      | Mariana Reyes                | 2023      | Victoria Rondon        |
| 2019      | Maciel Nathal Gonzalez       | 2024      | Shannon Stubblefield   |
| 2019      | Marina Stephanie Quintanilla | 2024      | Emely Anaya            |
| 2019      | Noemi Rivera-Olmedo          | 2024      | Natalie Ann Harmer     |
| 2020      | Cameron Elizabeth Brandt     | 2024      | Raslyn Carol T Preston |
| 2020      | Criag Moore                  | 2024      | Jocelyn Andrea Vilchez |
| 2020      | Mayra Rodriguez Padilla      | 2024      | Raslyn Carol T Preston |
| 2021      | Sarah Homsy                  | 2025      | Samiya Tabassum        |
| 2021      | Maricela Cervantes           | 2025      | Judith Brynne Burrows  |
| 2021      | Elizabeth Lupercio           | 2025      | Hannah Frances Kiles   |

|      |                    |      |                     |
|------|--------------------|------|---------------------|
| 2022 | Emely Rauda        | 2025 | Viviana Cielo Munoz |
| 2022 | Jacqueline Beltran |      |                     |

#### Committee member:

| Status         | Student   |
|----------------|---|
| Graduated 2016 | Emerald Snow (MSc Public Health & Latin American Studies) |
| Graduated 2019 | Josefina Morales (MA Sociology)                           |

#### Undergraduate

| Status         | Student  | Role  |
|----------------|--|---|
| Graduated 2023 | Carolina Gomez Navarro (UCLA), majoring in Environmental Science with a concentration in Environmental Systems and Society | Faculty mentor for the Sustainable LA Grand Challenge Undergraduate Research Scholars Program |
| Summer 2023    | Abby Herrera, Southern Methodist University, internship at Urban Peace Institute   | Mentor in the CDC Public Health Scholars Program  |
| Summer 2023    | Alex Connelley, University of Michigan, internship at Being Alive/People with AIDS Coalition                               | Mentor in the CDC Public Health Scholars Program  |
| Summer 2023    | Brandon Mitra, Wake Forest University, internship at Health Net  | Mentor in the CDC Public Health Scholars Program  |
| Summer 2023    | Eric Fregoso, San Jose State University, internship at Health Net  | Mentor in the CDC Public Health Scholars Program  |
| Summer 2023    | Mari Sanders, UCLA, internship at Beach Cities Health District   | Mentor in the CDC Public Health Scholars Program  |
| Summer 2023    | Suleyma Villa, UC San Diego, internship at Los Angeles Unified School District   | Mentor in the CDC Public Health Scholars Program  |
| Spring 2023    | Brandon Roca, George Mason University, internship at Los Angeles Unified School District                                   | Faculty mentor in the Next Generation of Scholars on Population Research (“NextGenPop”)       |
| Graduated 2023 | Monia Zein (Tougaloo College, Jackson, Mississippi), majoring in Biology   | Faculty mentor for the UC-HBCU Initiative with Tougaloo College                               |
| Graduated 2022 | Alitzel Serrano Laguna (Tougaloo College, Jackson, Mississippi), majoring in Mathematics                                   | Faculty mentor for the UC-HBCU Initiative with Tougaloo College                               |

HBCU stands for Historically Black Colleges and Universities. The “NextGenPop” is an NIH-funded initiative (R25HD105602) that aims to increase the diversity of the population field and nurture the next generation of population scientists.

#### Student mentoring at other universities

##### PhD-level Dissertation Committees

#### Committee member:

| Status                   | Student  |
|--------------------------|--|
| Expected graduation 2026 | Rossana Elisa Hernández Dávila (PhD Population Studies), El Colegio de Mexico, Mexico.             |
| Expected graduation 2024 | Margarita Osuna (PhD Gerontology), School of Gerontology, University of Southern California (USC). |

|                     |   |
|---------------------|---|
| Graduated 2020      | Jenny Garcia Arias (PhD Demography), Centre de recherche de l'Institut de démographie de Paris (INED), Paris, France. |
| Graduated 2018      | Bladimir Carabali Hinestroza (PhD Demography), Universidade Estadual de Campinas, Brazil.                             |
| <b>Master-level</b> |   |
| <b>Co-Chair:</b>    |   |
| Status              | Student   |
| Graduated 2014      | José Manuel Aburto Flores (M.A. Demography), El Colegio de México, Mexico City, Mexico.                               |

## Support of minority Assistant Professors

| Years     | University                              | Faculty               | Role                                    |
|-----------|---|-----------------------|---|
| 2024      | UCLA Nursing                            | Rosario B. Jaime-Lara | Mentor in NIH Supplement (under review) |
| 2018-2023 | Edson College, Arizona State University | Joseph Sainz          | Mentor in NIH K99AG058799               |

## Ad Hoc reviewer for journals:

*Health Affairs; Journal of Health and Social Behavior; Population Studies; Social Science & Medicine; Demography; Demographic Research; Population Research and Policy Review; Journal of Cross-Cultural Gerontology; Journals of Gerontology Social Sciences; Experimental Gerontology; Biodemography and Social Biology; Research on Aging; International Journal of Epidemiology; American Journal of Public Health; Journal of Epidemiology and Community Health; Population Health Metrics; Hypertension Research; Papeles de Población; Estudios Demográficos y Urbanos; Realidad, Datos y Espacio (INEGI).*

## Memberships in Professional Societies

Population Association of America (PAA)

American Public Health Association (APHA)

International Union for the Scientific Study of Population (IUSSP)

Latin American Association of Population Studies (ALAP: Asociación Latinoamericana de Población)

Mexican Association of Demography (SOMEDE)

## Courses Taught

|         |   |
|---------|---|
| 2023-24 | Theory based data analysis (CHS 219), Advanced Demographic Methods (CHS M209), UCLA Fielding School of Public Health & CCPR.                |
| 2022-23 | Theory based data analysis (CHS 219), Basic Demographic Methods (CHS 208), UCLA Fielding School of Public Health & CCPR.                    |
| 2021-22 | Theory based data analysis (CHS 219), Advanced Demographic Methods (CHS M209), UCLA Fielding School of Public Health & CCPR.                |
| 2020-21 | Foundations in Public Health (PH200A), Basic Demographic Methods (CHS 208), UCLA Fielding School of Public Health & CCPR.                   |
| 2019-20 | Theory based data analysis (CHS 219), Social Epidemiology (CHS 272), UCLA Fielding School of Public Health.                                 |
| 2018-19 | Social Epidemiology (CHS 272), Basic Demographic Methods (CHS 208), UCLA Fielding School of Public Health & CCPR.                           |
| 2017-18 | Advanced Demographic Methods (CHS M209), Introduction to Community Health Sciences (CHS 100), UCLA Fielding School of Public Health & CCPR. |
| 2016-17 | Introduction to Community Health Sciences (CHS 100), Basic Demographic Methods (CHS 208), UCLA Fielding School of Public Health & CCPR.     |

|           |   |
|-----------|---|
| 2015-16   | Social Epidemiology (CHS 272), Basic Demographic Methods (CHS 208), Advanced Demographic Methods (CHS 296), UCLA Fielding School of Public Health & CCPR. |
| 2014-2015 | Instructor of a summer course on Demographic Methods at El Colegio de Mexico, Mexico City.  |
| 2008      | Instructor of a Graduate Course in Statistics, Sociology Department, University of Pennsylvania.  |
| 2008-2009 | TA of Graduate Courses in Basic and Advanced Demographic Methods, Population Studies Center, University of Pennsylvania.                                  |
| 2004      | Full-time Mathematics Instructor, Coconino Community College, Flagstaff, AZ.  |
| 2002-2004 | Full-Time Mathematics Instructor, Department of Mathematics & Statistics, Northern Arizona University.  |
| 2000-2002 | Graduate Teaching Assistant, Department of Mathematics & Statistics, Northern Arizona University.   |
| 1998-1999 | Part-time Statistics Instructor, Department of Social & Political Sciences, U.N.A.M.  |
| 1999      | Part-time Statistics Instructor, Interdisciplinary Center for Regional Studies, Autonomous University of Tlaxcala.  |
| 1999      | Part-time Statistics Instructor, Center for Regional Studies, Autonomous University of Puebla.  |
| 1996      | Teaching Assistant, Department of Mathematics, U.N.A.M.   |