

Elizabeth Arias, PhD

EDUCATION

University of Wisconsin-Madison

Ph.D. Sociology (Demography) 1998
M.S. Sociology (Demography) 1994

American University

School of International Service

M.A. International Affairs 1989
B.A. International Studies 1987

PROFESSIONAL EXPERIENCE

Health Scientist (Supervisor)

2013-present

Mortality Statistics and Research Team
Division of Vital Statistics, National Center for Health Statistics

Statistician (Demography)/Health Scientist

2000-2013
Mortality Statistics Branch/Division of Vital Statistics
National Center for Health Statistics

Adjunct Professor (part-time)

2009-2010

Department of Sociology
University of Maryland-College Park

Assistant Professor

1998-2000

Department of Sociology
The State University of New York-Stony Brook

Research Assistant

1990-1992

International Center for Research on Women
Washington, DC

HONORS AND AWARDS

Merit Award

2022

for American Indian and Alaska Native Mortality Data Quality Research Project, National Center for Health Statistics

Elijah White Outstanding Scientist Award

2021

for Contributions to the understanding and knowledge of life expectancy and mortality data in the US, National Center for Health Statistics

Merit Award

2017

for Contributions to mortality research, National Center for Health Statistics

- Daniel Savage Excellence in Minority Research Award** 2008
for Outstanding contributions to the measurement of mortality for minorities and the understanding of disparities in mortality risk, National Center for Health Statistics
- Director's Award** 2003
for Outstanding statistical and graphical reports to the Congressional Black and Hispanic Caucuses for the purpose of identifying important health disparities, National Center for Health Statistics
- Katherine DuPre Lumpkin Award** 1999
for Outstanding Dissertation (*The Demography of Assimilation: The Case of Cubans in the United States*), Department of Sociology, University of Wisconsin-Madison

PUBLICATIONS

Peer Reviewed Journal Articles:

- Arias, E.**, Betzaida Tejada-Vera. 2023. The impact of the COVID-19 pandemic on life expectancy in the US Hispanic population. *N-IUSSP*. November 6, 2023.
- Yan, BW., **Elizabeth Arias**, Alan C. Geller, Donald R. Miller, Kenneth D. Kochanek, and Howard K. Koh. 2023. Widening gender gap in life expectancy in the US, 2010-2021. *JAMA Internal Medicine*, 13, 2023.
- Arias, E.**, Betzaida Tejada-Vera. 2023. Differential impact of the COVID-19 pandemic on excess mortality and life expectancy loss within the Hispanic population. *Demographic Research*, 48: 339-352.
- GBD US Health Disparities Collaborators. 2022. Life expectancy by county race, and ethnicity in the USA, 2000-19: A systematic analysis of health disparities. *Lancet*, 400: 25-38.
- Arias, E.**, Norman J. Johnson, Betzaida Tejada-Vera. 2020. Racial disparities in mortality in the adult Hispanic population. *SSM – Population Health*, 11, August 2020.
- Dowell, Deborah, **Elizabeth Arias**, Kenneth Kochanek, et al., 2017. Contribution of Opioid-Involved Overdose to Life Expectancy, United States 2000-2015. *JAMA* 318 (11), pp. 1065-1067.
- Arias, E.**, Jiaquan Xu, and Melissa A. Jim. 2014. Period Life Tables for the Non-Hispanic American Indian and Alaska Native Population, 2007-2009. *American Journal of Public Health* Vol. 104, No. S3, pp. S312-S319.
- Jim, Melissa A., **Elizabeth Arias**, DS Seneca, et al. 2014. Racial Misclassification of American Indians and Alaska Natives by Indian Health Service Contract Health Service Delivery Area. *American Journal of Public Health* Vol. 104, No. S3, pp. S295-S302.
- Arias, E.**, Karl Eschbach, William S. Schauman and Eric Backlund. 2010. The Hispanic Mortality Advantage and Ethnic Misclassification on US Death Certificates. *American Journal of Public Health* 100(S1): 171-177.
- Palloni, Alberto and **Elizabeth Arias**. 2004. Paradox Lost: Explaining the Adult Hispanic Mortality Advantage. *Demography* 41(3):385-415.

Cole, Stephen and **Elizabeth Arias**. 2004. Can Demand-Side Variables Explain the Low Numbers of Minority Faculty in Higher Education? *The American Economic Review* 94(2).

Sorlie, Paul, Sean Coady, Charles Lin and **Elizabeth Arias**. 2004. Factors Associated with Out-of-Hospital Coronary Heart Disease. *Annals of Epidemiology* 14(7):447-452.

Arias, E., Marian F. MacDorman, Donna M. Strabino and Bernard Guyer. (2003). Annual Summary of Vital Statistics-2002. *Pediatrics*. 112 (8): 1215-1230.

De Vos, Susan and **Elizabeth Arias**. 2003. A note on the living arrangements of elders 1970-2000, with special emphasis on hispanic subgroup differentials. *Population Research and Policy Review*. 22: 91-101.

Lin, Charles C., Eugene Rogot, Norman J. Johnson, Paul D. Sorlie, and **Elizabeth Arias**. 2003. A Further Study of Life Expectancy by Socioeconomic Factors in the National Longitudinal Mortality Study. *Ethnicity and Disease*. 13(2): 240-247.

Arias, E., 2001. Change in Nuptiality Patterns Among Cuban Americans: Evidence of Cultural and Structural Assimilation? *International Migration Review*. 35(2): 525-556.

Arias, E., and Alberto Palloni. 1999. Patterns and Trends in Levels of Female Headed Households in Latin America. *Journal of Comparative Family Studies*. 30(2):257-281.

De Vos, Susan and **Elizabeth Arias**. 1998. Headship, Marital Status, and Material Well-Being: Colombia 1985. *International Journal of Comparative Sociology*. 39(2):177-197.

Arias, E., and Susan De Vos. 1996. Using Housing Items to Indicate Socioeconomic Status: Latin America. *Social Indicators Research*. 38(1):53-80.

Book Chapters:

Arias, E., 2019. Race Crossover in Longevity. In: Gu D., Dupre M. (eds) *Encyclopedia of Gerontology and Population Aging*. Springer, Cham.

Cole, Stephen and **Elizabeth Arias**. 2003. The Pipeline Into Academia. In Cole, Stephen and Elinor Barber, *Increasing Faculty Diversity: The Occupational Choices of High-Achieving Minority Students*. Cambridge, Massachusetts: Harvard University Press.

Palloni, Alberto, Hector Perez-Brignoli and **Elizabeth Arias**. 2000. *Malthus in Latin America: Demographic Responses During the 19th and 20th Centuries*. In Tommy Bengtsson and Osamu Saito ed. Population and Economy. Oxford: Oxford University Press.

Federal Government Publications:

Arias, E., Kenneth Kochanek, Jiaquan Xu, and Betzaida Tejada-Vera. 2023. Provisional life expectancy estimates for 2022. *Vital Statistics Rapid Release* 31. National Center for Health Statistics.

Arias, E., Jiaquan Xu, and Kenneth Kochanek. 2023. United States Life Tables, 2021. *National Vital Statistics Reports* 72(12). National Center for Health Statistics.

Arias, E., Betzaida Tejada-Vera, Kenneth Kochanek, and Farida Ahmad. 2022. Provisional Life Expectancy Estimates for 2021. *Vital Statistics Rapid Release* 23. National Center for Health Statistics.

Xu, Jiaquan, Sherry L. Murphy, Kenneth Kochanek, **Elizabeth Arias**. 2022. Mortality in the United States, 2021. *NCHS Data Brief* 456. National Center for Health Statistics.

Arias, E., Jiaquan Xu, Betzaida Tejada-Vera, Sherry L. Murphy, and Brigham Bastian. 2022. U.S. State Life Tables, 2020. *National Vital Statistics Reports* 71(2). National Center for Health Statistics.

Arias, E., Jiaquan Xu. 2022. United States life tables, 2020. *National Vital Statistics Reports* 71(1). National Center for Health Statistics.

Arias, E., Jiaquan Xu. 2022. United States life tables, 2019. *National Vital Statistics Reports* 70(9). National Center for Health Statistics.

Arias, E., Jiaquan Xu, Betzaida Tejada-Vera, and Brigham Bastian. 2022. U.S. State Life Tables, 2019. *National Vital Statistics Reports* 70(18). National Center for Health Statistics.

Arias, E., Jiaquan Xu, Betzaida Tejada-Vera, Sherry L. Murphy, and Brigham Bastian. 2021. U.S. State Life Tables, 2018. *National Vital Statistics Reports* 70(19). National Center for Health Statistics.

Murphy, Sherry L., Kenneth Kochanek, Jiaquan Xu and **Elizabeth Arias**. 2021. Mortality in the United States, 2020. *NCHS Data Brief* 427. National Center for Health Statistics.

Arias, E., Jiaquan Xu, Sally Curtin, Brigham Bastian, and Betzaida Tejada-Vera. 2021. Mortality Profile of the Non-Hispanic American Indian or Alaska Native Population, 2019. *National Vital Statistics Reports* 70(9). National Center for Health Statistics.

Arias, E., Betzaida Tejada-Vera, Farida Ahmad, and Kenneth Kochanek. 2021. Provisional Life Expectancy Estimates for 2020. *Vital Statistics Rapid Release* 015. National Center for Health Statistics.

Arias, E., Betzaida Tejada-Vera, Farida Ahmad. 2021. Provisional life expectancy estimates for January through June 2020. *Vital Statistics and Rapid Release* 010. National Center for Health Statistics.

Arias, E., Jiaquan Xu. 2020. United States life tables, 2018. *National Vital Statistics Reports*, 69(12). National Center for Health Statistics.

Kochanek, Kenneth, Jiaquan Xu and **Elizabeth Arias**. 2020. Mortality in the United States, 2019. *NCHS Data Brief* 395. National Center for Health Statistics.

Arias, E., Sally Curtin, Betzaida Tejada-Vera. 2020. U.S. Decennial Life Tables for 2009–2011, Methodology of the United States Life Tables. *National Vital Statistics Reports* 69(10). National Center for Health Statistics.

Arias, E., 2020. U.S. Decennial Life Tables for 2009–2011, United States Life Tables, *National Vital Statistics Reports* 69(8). National Center for Health Statistics.

Xu, Jiaquan, Sherry L., Kenneth Kochanek, and **Elizabeth Arias**. 2020. Mortality in the United States, 2018. *NCHS Data Brief* 355. National Center for Health Statistics.

Arias, E., Jiaquan Xu, Kenneth Kochanek. 2019. United States life tables, 2017. *National Vital Statistics Reports* 68(4). National Center for Health Statistics.

Curtin, Sally C., **Elizabeth Arias**. 2019. Mortality Trends by Race and Ethnicity Among Adults Aged 25 and Over: United States, 2000-2018. *NCHS Data Brief* 342. National Center for Health Statistics.

Arias, E., Jiaquan Xu. 2018. United States life tables, 2016. *National Vital Statistics Reports* 67(7). National Center for Health Statistics.

Arias, E., Loraine Escobedo, Jocelyn Kennedy, Chunxia Fu, and Jodi Cisewski. 2018. U.S. Small-area Life Expectancy Estimates Project: Methodology and Results Summary. *Vital and Health Statistics, Series 2*, 181. National Center for Health Statistics.

Murphy, Sherry L., Xu, Jiaquan, Kenneth Kochanek, and **Elizabeth Arias**. 2018. Mortality in the United States, 2017. *NCHS Data Brief* 328. National Center for Health Statistics.

Arias, E., Melonie Heron, and Jiaquan Xu. 2017. United States Life Tables, 2014. *National Vital Statistics Reports* 66(4). National Center for Health Statistics.

Arias, E., Melonie Heron, and Jiaquan Xu. 2017. United States Life Tables, 2013. *National Vital Statistics Reports* 66(3). National Center for Health Statistics.

Kochanek, Kenneth, Sherry L. Murphy, Xu, Jiaquan, Kenneth Kochanek, and **Elizabeth Arias**. 2017. Mortality in the United States, 2016. *NCHS Data Brief* 293. National Center for Health Statistics.

Arias, E., Melonie Heron, and Jahn Hakes. 2016. The Validity of Race and Hispanic-Origin Reporting on Death Certificates in the United States: An Update. *Vital and Health Statistics, Series 2*, 172. National Center for Health Statistics.

Arias, E., Melonie Heron, and Jiaquan Xu. 2016. United States Life Tables, 2012. *National Vital Statistics Reports* 65(8). National Center for Health Statistics.

Kochanek, Kenneth D., **Elizabeth Arias**, and Brigham A. Bastian. 2016. The Effect of Changes in Selected Age-Specific Causes of Death on On-Hispanic White Life Expectancy between 2000 and 2014. *NCHS Data Brief* 250. National Center for Health Statistics.

Arias, E., 2016. Changes in Life Expectancy by Race and Hispanic Origin in the United States, 2013-2014. *NCHS Data Brief* 244. National Center for Health Statistics.

Xu, Jiaquan, Sherry Murphy, Kenneth Kochanek, and **Elizabeth Arias**. 2016. Mortality in the United States, 2015. *NCHS Data Brief* 267. National Center for Health Statistics.

Arias, E., Kenneth D. Kochanek, and Robert N. Anderson. 2015. How Does Cause of Death Contribute to the Hispanic Mortality Advantage in the United States. *NCHS Data Brief* 221. National Center for Health Statistics.

Kochanek, Kenneth D., **Elizabeth Arias**, and Robert N. Anderson. 2015. Leading Causes of Death

Contributing to Decrease in Life Expectancy Gap Between Black and White Populations: United States, 1999-2013. *NCHS Data Brief* 218. National Center for Health Statistics.

Arias, E., 2015. United States Life Tables, 2011. *National Vital Statistics Reports* 64(11). National Center for Health Statistics.

Murphy, Sherry, Kenneth Kochanek, Xu, Jiaquan, and **Elizabeth Arias**. 2015. Mortality in the United States, 2014. *NCHS Data Brief* 267. National Center for Health Statistics.

Arias, E., 2014. United States Life Tables, 2010. *National Vital Statistics Reports* 63(7). National Center for Health Statistics.

Arias, E., 2014. United States Life Tables, 2009. *National Vital Statistics Reports* 62(7). National Center for Health Statistics.

Kochanek, Kenneth, Sherry L. Murphy, Jiaquan Xu, and **Elizabeth Arias**. 2014. Mortality in the United States, 2013. *NCHS Data Brief* 178. National Center for Health Statistics.

Xu, Jiaquan, Kochanek, Kenneth, Sherry L. Murphy, and **Elizabeth Arias**. 2014. Mortality in the United States, 2012. *NCHS Data Brief* 168. National Center for Health Statistics.

Kochanek, Kenneth D, **Elizabeth Arias**, and Robert N. Anderson. 2013. How Did Cause of Death Contribute to Racial Differences in Life Expectancy in the United States in 2010. *NCHS Data Brief* 125. National Center for Health Statistics.

Arias, E., Melonie Heron, Betzaida Tejada Vera. 2013. United States Life Tables Eliminating Certain Causes of Death, 1999-2001. *National Vital Statistics Reports* 61(9). National Center for Health Statistics.

Arias, E., 2012. United States Life Tables, 2008. *National Vital Statistics Reports* 61(3). National Center for Health Statistics.

Arias, E., 2011. United States Life Tables, 2007. *National Vital Statistics Reports* 59(9). National Center for Health Statistics.

Arias, E., 2010. United States Life Tables by Hispanic Origin. *Vital and Health Statistics, Series 2*, 152. National Center for Health Statistics.

Arias, E., 2010. United States Life Tables, 2006. *National Vital Statistics Reports* 58(21). National Center for Health Statistics.

Rostron, Brian L., John L. Boies, and **Elizabeth Arias**. 2010. Education Reporting and Classification on Death Certificates in the United States. *Vital and Health Statistics, Series 2*, 151. National Center for Health Statistics.

Arias, E., Brian L. Rostron, and Betzaida Tejada-Vera. 2010. United States Life Tables, 2005. *National Vital Statistics Reports* 58(10). National Center for Health Statistics.

Arias, E., William S. Schauman, Karl Eschbach, Paul Sorlie and Eric Backlund. 2008. The

Validity of Race and Hispanic Origin Reporting on Death Certificates in the United States. *Vital and Health Statistics, Series 2*, 148. National Center for Health Statistics.

Arias, E., Lester Curtin, Rong Wei, Robert Anderson. 2008. US Decennial Life Tables for 1999-2001, United States Life Tables. *National Vital Statistics Reports 57*(1). National Center for Health Statistics.

Arias, E., 2007. United States Life Tables, 2004. *National Vital Statistics Reports 56*(9). National Center for Health Statistics.

Arias, E., 2006. United States Life Tables, 2003. *National Vital Statistics Reports 54*(14). National Center for Health Statistics.

Arias, E., 2004. United States Life Tables, 2002. *National Vital Statistics Reports 53*(6). National Center for Health Statistics.

Arias, E., 2004. United States Life Tables, 2001. *National Vital Statistics Reports 52* (14). National Center for Health Statistics.

Arias, E., Robert N. Anderson, Hsiang-Ching Kung, Sherry L. Murphy, Kenneth D. Kochanek. 2003. Deaths: Final Data for 2001. *National Vital Statistics Reports 52*(3). National Center for Health Statistics.

Anderson, Robert N. and **Elizabeth Arias**. 2003. The Effect of Revised Populations on Mortality Statistics for the United States, 2000. *National Vital Statistics Reports 51*(9). National Center for Health Statistics.

Arias, E., and Betty L. Smith. 2003. Deaths: Preliminary Data for 2001. *National Vital Statistics Reports 51*(5). National Center for Health Statistics.

Ingram, Deborah D., Jennifer D. Parker, Nathaniel Schenker, James A. Weed, Brady Hamilton, **Elizabeth Arias**, and Jennifer H. Madans. 2003. United States Census 2000 Population with Bridged Race Categories. *Vital and Health Statistics, Series 2*, 135. National Center for Health Statistics.

Arias, E., 2002. United States Life Tables, 2000. *National Vital Statistics Reports 51*(3). National Center for Health Statistics.

Minino, Arialdi, **Elizabeth Arias**, Kenneth D. Kochanek, Sherry L. Murphy, Betty L. Smith. 2002. Deaths: Final Data for 2000. *National Vital Statistics Reports 50*(15). National Center for Health Statistics.

Hoyert, Donna L., **Elizabeth Arias**, Betty L. Smith, Sherry L. Murphy, Kenneth D. Kochanek. 2001. Deaths: Final Data for 1999. *National Vital Statistics Reports 49*(8). National Center for Health Statistics.

LEADERSHIP AND PROFESSIONAL SERVICE

Technical Advisor:

- Technical Expert and Advisor** 2021-2024
Economic Burden of Health Disparities Research Project, funded by the National Institute on Minority Health and Health Disparities
- Technical Expert and Advisor** 2019-present
US Burden of Health Disparities by Race/Ethnicity at the County Level Research Project, funded by the National Institute on Minority Health and Health Disparities
- Mortality Expert and Advisor** 2018-2020
2020 Demographic Analysis (DA), US Census Bureau

Extramural Collaborative Research:

- Co-Investigator** 2023-present
Decennial Census 1850-1959 Mortality Linkage, IPUMS, University of Minnesota
- Co-Investigator** 2012-2026
Indian Health Service – Mortality Data Linkage Project, Indian Health Service and Centers for Disease Control and Prevention
- Principal Investigator** 2002-present
National Longitudinal Mortality Study (NLMS) and Mortality Disparities in American Communities (MDAC) research projects, US Census Bureau.

Peer Reviewer:

2000-present
Reviewed manuscripts on various topics within the fields of demography, sociology, public health, and statistics for the following peer-reviewed journals:

American Journal of Public Health
American Sociological Review
Bulletin of the World Health Organization
Demography
Demographic Research
Health Affairs
Health Reports
Israel Journal of Health Policy Research
Journal of Aging and Health
Journal of American Medical Association
Journal of Gerontology: Social Sciences
Lancet
Mayo Clinic Proceedings
Nature Medicine
Pan American Health Organization
Population Health Metrics
Preventive Medicine Reports
Social Psychiatry and Psychiatric Epidemiology Journal

TEACHING EXPERIENCE

Undergraduate:

Statistical Methods in Sociology (Department of Sociology, University of New York-Stony Brook)

Population and Society (Department of Sociology, State University of New York-Stony Brook)

Sociology of the Family (Department of Sociology, State University of New York-Stony Brook)

Social Demography (Department of Sociology, University of Maryland-College Park)

Graduate:

Multivariate Analysis of Categorical Data (Department of Sociology, State University of New York-Stony Brook)

Sociology of the Family (Department of Sociology, State University of New York-Stony Brook)

STUDENT MENTORING

Participate in student internship programs at NCHS and to date have mentored 10 interns from the following programs:

Morehouse College Project IMHOTEP

HACU National Internship Program

Department of Sociology, University of Maryland-College Park

LANGUAGE SKILLS

Fluent: English, Spanish

PRESENTATIONS

Invited Presentations:

Arias, E. (2023) “Life expectancy trends in the United States and the impact of drug-overdose and COVID-19 mortality.” *Harvard T.H. Chan School of Public Health*, Boston, MA.

Arias, E. (2023) “Differential impact of the COVID-19 pandemic on excess mortality and life expectancy loss with the Hispanic population.” *Benjamin Leon Center for Geriatric Research and Education, Florida International University*, Miami, FL.

Arias, E. (2023) “Changes in Cause-Specific Mortality and Life Expectancy Trends in the US.” *Federal-State Cooperative for Population Projections*, 2023 Virtual Spring Meeting.

Arias, E. (2022) “Differential impact of the COVID-19 pandemic on excess mortality and life expectancy loss within the Hispanic population.” *Health Equity and Disparities Working Interest Group Meeting*, National Center for Health Statistics.

Arias, E. (2021) “US Life Tables with COVID-19.” *Federal-State Cooperative for Population Projections*, 2021 Virtual Spring Meeting.

Arias, E. (2021) “Overview of US Vital Statistics Mortality Data and COVID-19.” *Society for Epidemiologic Research Virtual Annual Conference*.

Arias, E. (2020) “Comments on the importance of Demographic Analysis as an evaluation of the 2020 Census,” *2020 Demographic Analysis News Conference*, US Census Bureau.

Arias, E. (2020) “Comments on: “The Preliminary Methodology for the 2020 Demographic Analysis Estimates, Deaths.” *Demographic Analysis Workshop*, Census Bureau.

Arias, E. (2018) “United States Life Table Program: Moving into the Future.” *National Association of Forensic Economics Southern Economic Association*. Washington, DC.

Arias, E. (2017) “Mortality Trends in the United States: Past, Present and Future.” *American Academy of Insurance Medicine*, 126 Annual Meeting. Atlanta, Georgia.

Arias, E. (2016) “Surprising Findings about Life Expectancy in the United States.” *Aspen Institute Ideas Festival, Spotlight Health*. Aspen, Colorado.

Arias, E. (2016) “Evaluation and Enhancement of National Vital Statistics Mortality Data: the US American Indian/Alaska Native Population and Selected Hispanic Populations.” *IUSSP Panel on Innovations and Strengthening CRVS Systems*. World Bank, Washington, DC.

Arias, E. (2015) “Evaluation and Enhancement of National Vital Statistics System Mortality Data: The US American Indian/Alaska Native Population and Selected Hispanic Populations.” *Roger Herriot Innovation Award Session, Bureau of Labor Statistics*. Washington, DC.

Arias, E. (2015) “Plans for Multiple-Race Reporting of Death Data.” *2015 Annual Conference of the North American Association of Cancer Registries*. Charlotte, NC.

Arias, E. (2014) “Expanding the US Life Table Program by Race and Ethnicity.” *27th Annual Meeting of the American Academy of Economic and Financial Experts*. Las Vegas, Nevada.

Arias, E. (2014) “Are Hispanics Living Longer? Estimation of Hispanic Life Expectancy by Country of Origin and Nativity.” *Distinguished Seminar Series on Aging, Benjamin Leon Center for Geriatric Research and Education, Florida International University*, Miami, Florida.

Arias, E. (2014) “US Life Tables: What Do They Say and How Are They Constructed.” *American Association of Life Care Nurse Practitioners*. Atlanta, Georgia.

Arias, E. (2013) “US Life Table Program: Data Challenges, Methodological Solutions, and Future Development.” *2013 Southern Economic Association, National Association of Forensic Economics*. Tampa, Florida.

Arias, E. (2012) “Estimating Period Life Tables for Hispanic Sub-Groups.” *2012 International Conference on Aging in the Americas, University of Southern California*, Los Angeles, California.

Arias, E. (2012) “Producing Mortality Estimates for US Racial/Ethnic Minority Populations: Challenges, Solutions and Moving Forward.” *Putting Health Data to Use Locally in Maryland: A Workshop on Best Practices*, Baltimore, Maryland.

Arias, E. (2012) “Measuring Hispanic Mortality in the US: Challenges, Solutions and Moving Forward.” Covering the health and medical care of immigrants, *Association of Health Care Journalists*, San Antonio, Texas.

Arias, E. (2011) “Estimating Period Life Tables for Hispanic Sub-Groups.” *13th Annual Interchange Between Statistics Canada and The National Center for Health Statistics*, Hyattsville, Maryland.

Arias, E. (2010) “Classification of American Indian or Alaska Native (AIAN) on US Death Certificates and Effects on Mortality Measures.” *International Group for Indigenous Health Measurement, Workshop on Life Expectancy and Other IGIHM Activities*. Seattle, WA.

Arias, E. (2010) “Addressing Racial/Ethnic Misclassification in Mortality Data to Produce US Life Tables for Historically Unrepresented Populations.” *International Group for Indigenous Health Measurement, Workshop on Life Expectancy and Other IGIHM Activities*. Seattle, WA.

Arias, E. (2009) “Addressing Racial/Ethnic Misclassification in Mortality Data to Produce US Life Tables for Historically Unrepresented Populations.” *NCHS-Statcan Interchange 2009*, Hyattsville, MD.

Arias, E. (2005) “Quality of Race and Hispanic Origin Reporting on Death Certificates in the United States: Special Focus on the American Indian Population.” *International Network of Indigenous Health Knowledge and Development*, Vancouver, Canada.

Arias, E. (2005) “Quality of Race and Hispanic Origin Reporting on Death Certificates in the United States.” *Centers for Demography and Ecology, University of Wisconsin-Madison*.

Arias, E. (2004) “Quality of Race and Hispanic Origin Reporting on Death Certificates in the United States.” *CDC Community Initiative Conference*, Atlanta, GA.

Arias, E. (2004) "Revised Race/Ethnicity Standards: Implementation in Vital Statistics." *CDC Community Initiative Conference*, Atlanta, GA.

Arias, E. (2003) "National Mortality Statistics Data." *College of Medicine, University of California-Irvine*, Irvine, California.

Arias, E. (2003) "Death Certificate Data and National Mortality Statistics." *Choctaw Nation Health Care Center*, Oklahoma City, Oklahoma.

Arias, E. (2002) "The Health Status of Hispanics." *National Academy of Sciences*, Washington, D.C.

Conference and Workshop Presentations:

Arias, E. (2024) “Data Impacts of Changes in Census Bureau Procedures for Race and Ethnicity Data” *Population Association of America*, Columbus, Ohio.

Arias, E. (2023) “Differential impact of the COVID-19 pandemic on excess mortality and life expectancy loss within the Hispanic population.” *Population Association of America*, New Orleans, LA.

Arias, E. (2019) “United States Life Table Program: Subnational Life Tables,” *International Workshop on Subnational Life Tables. The Australian National University*, Canberra, Australia.

Arias, E. (2019). “Life expectancy decline.” *NAPHSIS Annual Meeting*, Miami, FA.

Arias, E. (2018). “United States Small Area Life Expectancy Estimates Project (USALEEP): Methodological challenges and strategies.” *Workshop on Small Area Estimates of Life Expectancy*, Claremont, California.

Arias, E. (2017). “Mortality Data Quality – The Value of Linked Data.” *VSCP Project Director’s Meeting*, National Center for Health Statistics.

Arias, E. (2016). “Life Expectancy Trends by Race and Ethnicity in the United States.” *HHS Health Disparities Council Meeting*, Washington, DC.

Arias, E. (2015) “Period Life Tables for the Non-Hispanic American Indian and Alaska Native Population in CHSDA Counties.” *2015 National Conference on Health Statistics*, National Center for Health Statistics.

Arias, E. (2014) “Estimation of Period Life Tables for the Hispanic Population by Nativity and Country of Origin.” *Health Disparities Working Group*. National Center for Health Statistics.

Arias, E. (2014) “Period Life Tables for the Non-Hispanic American Indian and Alaska Native Population in CHSDA Counties.” *2014 Concurrent NAPHSIS Annual Meeting and VSCP Project Directors*, Seattle, Washington.

Arias, E. (2013) “Mexican Mortality in the United States: Data Challenges.” *Population Association of America*, New Orleans, LA.

Arias, E. (2012) “Old Age Mortality and New Census Population Estimates.” *2012 National Conference on Health Statistics*, National Center for Health Statistics.

Arias, E. (2009) “Race and Hispanic Origin Mortality Measurement Issues.” *NAPHSIS*, Baltimore, MD.

Arias, E. (2008) Melonie Heron, Betzaida Tejada-Vera, Jiaquan Xu. “Changes in Population Composition and Attendant Mortality Regime in the United States.” *Federal Forecasters Conference*, Washington, D.C.

Arias, E. (2008) “Quality of Race and Hispanic Origin Reporting on Death Certificates in the US.” *National Academy Health*, Washington, DC.

- Arias, E. (2007) "Estimation of US Life Tables for Minority Populations: Issues of Data Quality and Availability." *NAPHSIS*, Salt Lake City, Utah.
- Arias, E. (2007) "The Validity of Race and Hispanic Origin Reporting on Death Certificates in the United States." *Population Association of America*, New York, N.Y.
- Arias, E. (2006) "Evaluation of National Health Interview Survey-Multiple Cause of Death Record Linkage for Hispanic Population." *Data Users Conference*, National Center for Health Statistics.
- Wilson, J., and Elizabeth Arias (2006). "Determinants of Race Reporting by Hispanics in a National Health Survey." *Data Users Conference*, National Center for Health Statistics.
- Arias, E. (2006) "Race and Hispanic Origin Reporting on Death Certificates: Evaluation and Applications." *Data Users Conference*, National Center for Health Statistics.
- Arias, E. (2004) "Quality of Race and Hispanic Origin Reporting on Death Certificates in the United States." *Data Users Conference*, National Center for Health Statistics.
- Arias, E. (2004) "Quality of Race and Hispanic Origin Reporting on Death Certificates in the United States." *NAPHSIS*.
- Arias, E. (2002) "Bridging Multiple Race Individuals Back to Single Race Categories." *Population Association of America*, Atlanta, Georgia.
- Arias, E. (2002). "Exploring Alternative Methods for Bridging Multiple-Race Data." *Data Analysis Group Seminar*. National Center for Health Statistics.
- Arias, E. (2001). "Demonstration of the Stata Software Package." *Data Analysis Group Seminar*. National Center for Health Statistics.
- Arias, E. (2001) "Individual and Contextual Level Determinants of Hispanic Mortality." *Population Association of America*, Washington, D.C.
- Arias, E. (1999) "Changing Nuptiality Patterns and Assimilation Among Cuban Americans: 1970-1990." *Population Association of America*, New York, NY.
- Arias, E. (1999) "Change in Fertility Patterns Among Cuban American Women: Evidence of Assimilation?" *American Sociological Association*, Chicago, Ill.
- Arias, E. (1997) "Family Ties to the Ethnic Economic Enclave: A First Exploration." *Population Association of America*, Washington, D.C.
- Arias, E. (1996) "Patterns and Trends in Levels of Female Headed Households in Latin America." *Population Association of America*, New Orleans, Louisiana.