

RYAN K. MASTERS

CONTACT

Address: Department of Sociology
University of Colorado Boulder
Ketchum Hall 264
Boulder, CO 80309

Phone: 512-590-0928 (cell)
Email: ryan.masters@colorado.edu
OrcID: 0000-0002-6285-4445

ACADEMIC POSITIONS

2013 – present UNIVERSITY OF COLORADO BOULDER
Assistant Professor, Department of Sociology
Primary Research Area Faculty Lead, University of Colorado Population Center
Fellow, Institute of Behavioral Science (IBS)
Faculty Associate, Population Program and Health & Society Program, IBS

2011 – 2013 COLUMBIA UNIVERSITY
Robert Wood Johnson Foundation's Health and Society Scholar Program, Cohort 9
Research Associate, Columbia Population Research Center
Research Associate, Center for the Study of Social Inequalities & Health

EDUCATION

Ph.D. UNIVERSITY OF TEXAS AT AUSTIN, Sociology with Demography Specialization, 2011

Dissertation: "A Cohort Perspective of U.S. Adult Mortality"
Chairs: Dr. Robert A. Hummer and Dr. Mark D. Hayward

M.A. UNIVERSITY OF TEXAS AT AUSTIN, Department of Sociology, 2006

B.S. WESTERN WASHINGTON UNIVERSITY, Department of Sociology, 2003

B.A. WESTERN WASHINGTON UNIVERSITY, Department of Political Science, 2003

PEER-REVIEWED PUBLICATIONS

- 2021 Tilstra, Andrea M.,* Daniel A. Simon,* and Ryan K. Masters. "Trends in 'Deaths of Despair' among Working Aged White and Black Americans, 1990-2017." *American Journal of Epidemiology*. Forthcoming.
- 2021 Tostlebe, Jenn J.,* David C. Pyrooz, Rick G. Rogers, and Ryan K. Masters. "The National Death Index as a Source of Homicide Data: A Methodological Exposition of Promises and Pitfalls for Criminologists." *Homicide Studies* 25(1): 5-36.
- 2021 Simon, Daniel A.* and Ryan K. Masters. "Differences in Deaths of Despair: County-level Mortality Changes by Sex and Urbanization, 1990-2017." *American Journal of Epidemiology*. Forthcoming.
- 2020 Pyrooz, David C., Ryan K. Masters, Jenn J. Tostlebe,* and Rick G. Rogers. "Exceptional Mortality Risk among Police-identified Young Black Male Gang Members." *Preventative Medicine* 14: 106269.

- 2020 Masters, Ryan K. and Daniel A. Powers. "Clarifying Assumptions in Age-Period-Cohort Analyses and Validating Results." *PLoS ONE* 15(10): e0238871. <https://doi.org/10.1371/journal.pone.0238871>
- 2020 Tilstra, Andrea M.* and Ryan K. Masters. "Worth the Weight? Recent Trends in Obstetric Practices, Gestational Age, and Birth Weight in the United States." *Demography* 57(1): 99-121.
- 2019 Masters, Ryan K. and Eric N. Reither. "Accounting for Biases in Survey-based Estimates of Population Attributable Fractions." *Population Health Metrics* 17(19) <https://doi.org/10.1186/s12963-019-0196-6>
- 2018 Masters, Ryan K. "Economic Conditions in Early Life and Circulatory Disease Mortality: Cohort Changes in a Life Course Mechanism of Health." *Population and Development Review* 44(3): 519-553.
- 2018 Wedow, Robbee*, Ryan K. Masters, Stefanie Mollborn, Landon Schabel*, and Jason Boardman. "Body Size Reference Norms and Subjective Weight Status: A Gender and Life Course Approach." *Social Forces* 96(3): 1377-1409.
- 2017 Masters, Ryan K., Andrea Tilstra*, and Daniel Simon*. "Explaining Recent Mortality Trends among Younger and Middle-aged U.S. White Americans." *International Journal of Epidemiology* 47(1): 81-88.
- 2017 Masters, Ryan K., Andrea Tilstra*, and Daniel Simon*, "Mortality from Suicide, Chronic Liver Disease, and Drug Poisonings among Middle-aged U.S. White Men and Women, 1980-2013." *Biodemography and Social Biology* 63(1): 31-37.
- 2016 Muennig, Peter, Masters, Ryan K., Daniel Vail*, and John Hakes. "The Effects of New York City's Coordinated Public Health Programs on Mortality through 2011." *International Journal of Epidemiology* 46(4): 1239-1248.
- 2016 Masters, Ryan K., Robert A. Hummer, Daniel A. Powers, Audrey Beck, Sam Lin, and Brian K. Finch. "Fitting Age-Period-Cohort Models Using the Intrinsic Estimator: Assumptions and Misapplications." *Demography* 53(4): 1253-1259.
- 2016 Nowotny, Kathryn M.*, Ryan K. Masters and Jason D. Boardman. "The Relationship Between Education and Health among Incarcerated Men and Women in the United States." *BMC Public Health*. 16(916).
- 2016 Jeon, Sun Y.*, Eric N. Reither, and Ryan K. Masters. "A Population-Based Analysis of Increasing Rates of Suicide Mortality in Japan and South Korea, 1985-2010." *BMC Public Health*. 16(365).
- 2015 Reither, Eric N., Ryan K. Masters, Y. Claire Yang, Daniel A. Powers, Hui Zheng, and Ken C. Land. "Should Age-Period-Cohort Studies Return to the Methodologies of the 1970s?" *Social Science & Medicine* 128: 356-365.
- 2015 Masters, Ryan K., Bruce G. Link and Jo C. Phelan. "Trends in Education Gradients of 'Preventable' Mortality: A Test of Fundamental Cause Theory" *Social Science & Medicine* 127: 19-28.
- 2014 Masters, Ryan K., Robert A. Hummer, Daniel A. Powers, Audrey N. Beck, Sam Lin, and Brian K. Finch. "Long-term Trends in Adult Mortality for U.S. Blacks and Whites: An Examination of Period- and Cohort-based Changes." *Demography* 51(6): 2047-2073.

- 2014 Beck, Audrey N., Brian K. Finch, Sam Lin, Robert A. Hummer and Ryan K. Masters. "Racial Disparities in Self-rated Health: Trends, Explanatory Factors, and the Changing Role of Socio-demographics." *Social Science & Medicine* 104:163-177.
- 2013 Masters, Ryan K., Eric N. Reither, Daniel A. Powers, Y. Claire Yang, Andrew Burger,* and Bruce G. Link. "The Impact of Obesity on U.S. Mortality Levels: The Importance of Age and Cohort Factors in Population Estimates." *American Journal of Public Health* 103(10):1895-1901.
- 2013 Masters, Ryan K., Daniel A. Powers and Bruce G. Link. "Obesity and Mortality Risk over the Adult Life Course." *American Journal of Epidemiology* 177(5):431-442.
- 2012 Masters, Ryan K. "Uncrossing the U.S. Black-White Mortality Crossover: The Role of Cohort Forces in Life Course Mortality Risk." *Demography* 49(3):773-797.
- 2012 Masters, Ryan K., Robert A. Hummer and Daniel A. Powers. "Educational Differences in U.S. Adult Mortality: a Cohort Perspective." *American Sociological Review* 77(4):548-572.
- 2012 Ross, Catherine, Ryan K. Masters and Robert A. Hummer. "Education and the Gender Gaps in Health and Mortality." *Demography* 49(4): 1157-1183.
- 2012 Lin, Sam, Brian K. Finch, Audrey N. Beck, Robert A. Hummer and Ryan K. Masters. "Trends in U.S. Older Adult Disability: Exploring Age, Period, and Cohort Effects." *American Journal of Public Health* 102(11): 2157-2163.

* Indicates student

PAPERS UNDER PEER REVIEW

Masters, Ryan K. and Michael P. Young. "Religious Activism in Tocqueville's America: The Temperance and Anti-Slavery Movements in New York State, 1828-1838." Conditionally Accepted at *Social Science and History*.

Masters, Ryan K. "Bias in Estimates of U.S. Obesity-Mortality Association."

Simon, Daniel H.* and Ryan K. Masters. "Institutional Failures and U.S. Suicide Mortality: The U.S. Opioid Epidemic and the Great Recession."

Ryan K. Masters, Andrea M. Tilstra,* Zachary A. Cramer,* and Kate Coleman-Minihan. "Changes in Obstetric Interventions and Gestational Age Distributions in the United States, 1990-2015."

Goode, Joshua,* Jason Boardman, Stef Mollborn, and Ryan K. Masters. "Collective Health Lifestyles and Life Course Plasticity in Women's Smoking"

COMMENTS, REPLIES, & EXCHANGES

2021 Simon, Daniel A. and Ryan K. Masters. "Simon and Masters Respond to 'Do Small Cause-of-Death Correlations Throw into Question the Notion of a Collective 'Deaths of Despair' Phenomenon?'" *American Journal of Epidemiology*. Forthcoming.

2017 Masters, Ryan K., Eric N. Reither, Daniel A. Powers, Y. Claire Yang, and Bruce G. Link. "Masters et al. Respond" *American Journal of Epidemiology* 185(6): 412-413

- 2015 Reither, Eric N., Kenneth C. Land, Sun Y. Jeon, Daniel A. Powers, Ryan K. Masters, Hui Zheng, Melissa A. Hardy, Katherine M. Keyes, Qiang Fu, Heidi A. Hanson, Ken R. Smith, Rebecca L. Utz, and Y. Claire Yang. “Clarifying Hierarchical Age-Period-Cohort Models: A Rejoinder to Bell and Jones” *Social Science & Medicine* 145: 125-128.
- 2014 Masters, Ryan K., Eric N. Reither, Daniel A. Powers, Y. Claire Yang, Andrew Burger, and Bruce G. Link. Letters to the Editor, The Authors Reply, *American Journal of Public Health* 104(4): e5-e6.
- 2014 Masters, Ryan K., Daniel A. Powers and Bruce G. Link. “Letters to the Editor, The Authors Reply.” *American Journal of Epidemiology*. 179(4):530-532.
- 2013 Masters, Ryan K., Daniel A. Powers and Bruce G. Link. “Letters to the Editor, The Authors Reply.” *American Journal of Epidemiology* 178(2):321-323.

BOOK CHAPTERS, ESSAYS, & REPORTS

- 2015 Yang, Y. Claire and Ryan K. Masters. “Period and Cohort Analysis in Demography.” Chapter 23 in The International Encyclopedia of Social and Behavioral Sciences, 2nd Edition, Section on Demography, edited by James D. Wright. Elsevier Publishers.
- 2010 Hummer, Robert A., Richard G. Rogers, Ryan K. Masters, and Jarron Saint Onge. “Mortality Patterns in Late Life.” Chapter 23 in International Handbook of Population Aging, edited by P. Uhlenberg. NY: Singer Publishers.
- 2009 Masters, Ryan K. Review of Environmental Change and Globalization: Double Exposures, by Robin Leichenko and Karen O’Brien. *Sociological Insight* 1(1):148-50.
- 2006 Masters, Ryan K. “Addressing the Changing Demography in the United States Through Education.” Reinvention Center Conference Proceedings, Washington, D.C.

PAPERS IN PROGRESS

- Ryan K. Masters and Zachary A. Cramer.* “Female Life Expectancy Trends for U.S. States and 16 Peer Countries, 1965-2016.” (draft available)
- Masters, Ryan K. “Trends in Drug Availability, Economic Distress, and Drug-related Mortality among U.S. Whites” (draft available)
- Masters, Ryan K. and Sammy Zahran. “Does Obesity Really Reduce Mortality Risk in Older Age? Endogenous Selection Biases in the U.S. Obesity-Mortality Association” (draft available)
- Masters, Ryan K., Catherine Talbot,* and Zachary A. Cramer.* “Trends in U.S. Obesity and Active Life Expectancy, 1990 to 2010.”
- Ryan K. Masters and Vinneau, Justin.* “Immigration and Trends in U.S. Black Life Expectancy.” (draft available)
- Steven Woolf, Ryan K. Masters, Laudon Aron, and Zachary A. Cramer.* “The US Health Disadvantage: A Fresh Look at the Data and the Policy Implications in the Wake of COVID-19”.

Tilstra, Andrea M.,* Zachary A. Cramer,* Daniel H. Simon,* and Ryan K. Masters. “State and Gestational Age Patterns of Labor Induction Change in the United States, 1990-2017.” (draft available)

FUNDED RESEARCH

Current

Trends in C-Section and Induction Use among U.S. Births and Consequences for U.S. Birth Weight. Small Grants for Secondary Analyses of Existing Data Sets (R03), NICHD
Project Dates: 09/2019 – 09/2021
PI: Ryan K. Masters

Risk of Mortality among Gang Members. National Center for Health Statistics, Innovations in Applied Public Health Research.
Small Grants for Secondary Analyses of Existing Data Sets (R03), NICHD
Project Dates: 8/2019 – 8/2021
PI: David Pyrooz

Completed

Network on Life Course Health Dynamics and Disparities in 21st Century America. National Institutes of Health, PA-12-064.
Project Dates: 04/01/2014 – 03/31/2019
PIs: James S. House, Eileen Crimmins, Robert A. Hummer, Mark D. Hayward.

Obesity Genomics, Cardiometabolic Disease, and U.S. Adult Mortality Risk
Project Dates: 06/2019 – 09/2019
PI: Ryan K. Masters

Educational Differences in U.S. Adult Mortality, Research Assistant. National Institute of Child Health and Human Development, 1 R01 HD053696
Project Dates: 8/01/06-7/31/10. PI: Robert A. Hummer

What Accounts for New York City’s Jump in Life Expectancy over the Past Decade? Robert Wood Johnson Foundation, Project ID 15786.
Project Dates: 1/01/13-12/31/14. PI: Peter Muennig.

Multigenerational Transmission of Health Working Group, Robert Wood Johnson Foundation’s Health and Society Scholars Program, Columbia University.
Project Dates: 8/01/2011 – 8/01/2013. PI: Bruce G. Link

A Social Demography of Racial Health Disparities, Consultant. National Institute of Minority Health and Health Disparities, 5 R01 MD004025
Project Dates: 9/25/09-04/30/14. PI: Brian K. Finch

Family Structure, Residential Mobility, and Environmental Inequality, R01 submitted to National Institute of Health. (Denied)
Project Dates: 7/1/2015 – 6/30/2017. PI: Liam Downey

Temporal Variation in Successful Aging of the U.S. Older Adult Population: the Impact of Obesity, Socioeconomic Inequality, and Healthcare Costs. Robert Wood Johnson Foundation Health and Society Scholars Seed Grant, Columbia University.

Project Dates: 1/1/2012 – 1/1/2013. PI: Ryan Masters

In Preparation

New Measures in Obesity Genomics,
Methodology and Measures in the Behavioral and Social Sciences (R21), NIA
PI: Ryan Masters and Jason Boardman

Immigration, Domestic Migration, and Geographic Variation in Adult Mortality Trends in the United States
Small Grants for Secondary Analyses of Existing Data Sets (R03), NICHD
PI: Ryan Masters

RESEARCH AND TEACHING INTERESTS

Social Demography	U.S. Health and Mortality	Life Course Epidemiology	Social Epidemiology
Demographic Methods	Quantitative Methods	Political Sociology	Aging and the Life Course

PROFESSIONAL PRESENTATIONS

“Institutional Failures and U.S. Suicide Mortality: The Cases of the U.S. Opioid Epidemic and the Great Recession.” Population Section’s Health and Mortality Session, American Sociological Association Annual Meeting 2020.

“Institutional Failures and U.S. Suicide Mortality: The Cases of the U.S. Opioid Epidemic and the Great Recession.” Paper Session, Population Association of America Annual Meeting 2020 (session postponed)

“Obesity and Trends in U.S. Active Life Expectancy, 1990 to 2010.” Poster Session, Population Association of America Annual Meeting 2020 (session postponed)

“Immigration and Trends in U.S. Black Life Expectancy.” Poster Session, Population Association of America Annual Meeting 2020 (session postponed)

“Race/Ethnic Differences in Obstetric Practices, Gestational Age, and U.S. Birth Weight.” Poster Session, Interdisciplinary Association of Population Health Sciences Annual Meeting 2019, Seattle, WA.

“The Opioid Epidemic and Recent Trends in U.S. Suicide Mortality.” Poster Session, Interdisciplinary Association of Population Health Sciences Annual Meeting 2019, Seattle, WA.

“Trends in Drug Availability, Economic Distress, and Drug-related Mortality among U.S. Whites.” American Sociological Association Annual Meeting 2019, New York City, NY.

“U.S. Black-White Mortality Trends Complicate the White ‘Deaths of Despair’ Narrative.” Population Association of America Annual Meeting 2019, Austin, TX.

“A Foundation for Linking Nontraditional Data Sources to the National Death Index: Understanding Mortality Risk among Gang Members.” Population Association of America Annual Meeting 2019, Austin, TX.

“Age-Period-Cohort Analyses in Epidemiological Studies: Clarifying Assumptions and Validating Results.” Population Association of America Annual Meeting 2019, Austin, TX.

“Spatial Variation in Drug-related Mortality Trends among U.S. White Men and Women, 1990-2015.” Network on Life Course Dynamics and Disparities in 21st Century America Annual Meeting 2018, Boulder, CO.

“Explaining Recent Trends in U.S. Birth Weight: The Role of C-Sections and Inductions.” Population Association of America Annual Meeting 2018, Denver, CO.

“Estimating Mortality Risk Associated with Overweight and Obesity among U.S. Adults.” Interdisciplinary Association of Population Health Sciences Annual Meeting 2017: Improving Population Health: Now, Across People’s Lives, and Across Generations, Austin, TX.

“Is an Epidemic of Pain, Suicide, and Overdoses Reducing U.S. Life Expectancy?” Concurrent Panel 6: Substance Use: An Emerging and Alarming Population Health Problem, Interdisciplinary Association of Population Health Sciences Annual Meeting 2016: Persistent and Emerging Issues in Population Health Sciences, State College, PA.

“Gender, Race/Ethnicity, and Trends in the U.S. Education-Mortality Association.” Regular Session 439, American Sociological Association Annual Meeting 2016, Seattle, WA.

“A Puzzle, a Success, or an Artifact? Explaining Recent Declines in U.S. Birthweight.” Poster Session P9-6, Population Association of America Annual Meeting 2016, Washington, D.C.

“Variation in Adolescents’ Physical Weight Perceptions: The Gendered and Aged Context of State-level Body Size Reference Norms.” Poster Session P7-77, Population Association of America Annual Meeting 2016, Washington, D.C.

“Collective Health Lifestyles in Women’s Smoking During Pregnancy.” Paper Presentation, Session 72, Population Association of America Annual Meeting 2016, Washington, D.C.

“What’s New in Obesity Research?” Presentation, Interdisciplinary Association of Population Health Sciences Annual Meeting 2015, Washington, D.C.

“The Protective Effect of High Body Mass on Mortality Risk. Obesity Paradox or Data Artifact?” Paper Presentation, Session 9, Population Association of America Annual Meeting 2015, San Diego, CA

“*In Utero* Exposure to Economic Recessions and US Adult Mortality Risk.” Paper Presentation, Session 241, American Sociological Association Annual Meeting 2014, San Francisco, CA.

“Testing Hierarchical Age-Period-Cohort Models Using Simulated Data.” Paper Presentation, Session 214, Population Association of America Annual Meeting 2014, Boston, MA.

“Have New York City’s Public Health Initiatives Reduced Mortality? Comparing Period-based Variation in NYC and US Mortality Rates, 1990-2009.” Paper Presentation, Session 129, Population Association of America 2014, Boston, MA.

“Religious Activism in Tocqueville’s America: The Temperance and Anti-Slavery Movements in New York State, 1828-1838.” Roundtable presentation, Political Organizing and Social Protest, Section on Political Sociology, American Sociological Association 2013 Annual Meeting, New York, NY.

“Paradox or Artifact? Unresolved Questions about Obesity & Mortality – and how Smoking Can Help.” Second Year Scholar Presentation, Robert Wood Johnson Foundation’s Health and Society Scholars Program Annual Meeting 2013, San Diego, CA.

“Macroeconomic Conditions in Early Life and Later-life Mortality Risk in the United States.” Paper Presentation, Session 169, Population Association of America 2013 Annual Meeting, New Orleans, LA.

“Trends in Education Gradients of ‘Preventable’ Mortality: A Test of Fundamental Cause Theory.” Paper Presentation, Regular Session: Mortality, American Sociological Association 2012 Annual Meeting, Denver, CO.

“Is the ‘Long Arm of Childhood’ Growing Shorter? Race, Socioeconomic Status, and Changes in U.S. Adult Mortality” Paper Presentation, Session 404, Population Association of America 2012 Annual Meeting, San Francisco, CA.

“Obesity and U.S. Adult Mortality: A Bigger Picture of the Growing Threat” Paper Presentation, Session 460, Population Association of America 2012 Annual Meeting, San Francisco, CA.

“Obesity and U.S. Adult Mortality: A Bigger Picture of the Growing Threat” Paper Presentation, Robert Wood Johnson Foundation Health and Society Scholars Program 10th Annual Meeting, Princeton, NJ.

“The Growing Divide: Educational Attainment and Historical Changes in Black and White U.S. Adult Mortality.” Paper Presentation, Session 126, Population Association of America 2011 Annual Meeting, Washington, D.C.

“Black/White Differences in U.S. Adult Mortality: An Examination of Recent Period and Cohort Trends.” Paper Presentation, Session 39, Population Association of America 2011 Annual Meeting, Washington, D.C.

“Uncrossing the U.S. Black-White Mortality Crossover: the Role of Cohort Forces in Life Course Mortality Risk.” Paper Presentation, Session 500, American Sociological Association 2010 Annual Meeting, Atlanta, GA.

“Educational Differences in U.S. Adult Mortality: a Cohort Perspective.” Paper Presentation, Session 270, Population Association of America 2010 Annual Meeting, Dallas, TX.

“Race/Ethnicity and Older Adult Mortality in the United States: Estimates Using the NHIS-MCD.” Paper Presentation, Southern Demographic Association 2007 Annual Meeting, Birmingham, AL.

“Ecological Determinants of the New York State Temperance Movement.” Poster Session, Population Association of America 2007 Annual Meeting, New York City, NY.

“Reviving the Religious Origins of the U.S. Temperance Movement.” Paper Presentation, Roundtable Session, American Sociological Association 2007 Annual Meeting, New York City, NY.

“Event-History Analysis of Enlistment in the US Armed Services, 1968-1974.” Poster Session, Population Association of America 2005 Annual Meeting, Philadelphia, PA.

“Vietnam Era Enlistment in the US Armed Services.” American Sociological Association, Undergraduate Honors Program Roundtable, 2003 Annual American Sociological Association Meeting, Atlanta, GA.

“Intergenerational Transmission of Veteran Status: 1968-1974.” Pacific Sociological Association, 2003 Annual Meeting, Pasadena, CA.

INVITED TALKS

“Trends in Drug Availability, Economic Distress, and Drug-related Mortality among U.S. Whites.” Sociology Colloquia Series, University of Colorado Boulder. October 31, 2019.

“Trends in Drug Availability, Economic Distress, and Drug-related Mortality among U.S. Whites.” Carolina Population Center Seminar Series, University of North Carolina – Chapel Hill. August 30, 2019.

“Obesity and Trends in U.S. Active Life Expectancy, 1990 to 2010.” Annual TRENDS Meeting, Ann Arbor, MI. May 10, 2019.

“Midlife Mortality: Overview of Trends and Differentials.” Committee on High and Rising Mortality Rates among U.S. Working-Age Adults,” National Academy of Sciences, Engineering, and Medicine, Committee on Population. February 11, 2019.

“Overview of Trends and Differentials: Trends by age/period/cohort, sex, and race/ethnicity.” Planning Meeting on Socioeconomic Status and Increasing Mid-life Mortality, National Academy of Sciences, Engineering, and Medicine, Committee on Population. June 16, 2017.

“Making Sense of Rising Mortality among U.S. Whites.” Columbia University, Robert Wood Johnson Foundation Health and Society Scholars Program. April, 2016.

“Live Long and Prosper: The Impact of Education on Mortality.” United States Congressional Briefing coordinated by the Population Association of America. July, 2015.

“Laying to Rest the ‘Futile Quest’? Evaluating Recent Advances in Cohort Analyses.” Invited Seminar, University of Nottingham, the Methods and Data Institute. November, 2014.

“*In Utero* Exposure to Economic Recessions and US Adult Mortality Risk.” Invited Seminar, Bocconi University, Centro Carlo F. Dondena for Research on Social Dynamics & Public Policy. November, 2014.

“*In Utero* Exposure to Economic Recessions and US Adult Mortality Risk.” Brown Bag Seminar, Population Research Institute, Penn State University. October, 2014.

“Willie Nelson was Wrong about Time (But Right About Most Other Things): The Importance of Correctly Specifying Time in Health and Mortality Models.” Institute of Behavioral Science Colloquia, University of Colorado Boulder, Boulder, CO. 2013.

“Trends in Education Gradients of Preventable Mortality: A Test of Fundamental Cause Theory,” Causal Effects of Education on Mortality Workshop, Harvard University, Boston, MA. 2013.

“Obesity and U.S. Adult Mortality: A Bigger Picture of the Growing Threat.” Columbia Population Research Center Seminar Series, Columbia University, New York, NY. 2013.

“Macroeconomic Conditions in Early Life and Later-life Mortality Risk in the United States.” CUNY Institute for Demographic Research, The City University of New York, New York, NY. 2013.

“Long-term Trends in Adult Mortality for U.S. Blacks and Whites: An Examination of Period- and Cohort-based Changes,” Causal Effects of Education on Mortality Workshop, Harvard University, Boston, MA. 2012.

“Obesity and U.S. Adult Mortality: A Bigger Picture of the Growing Threat,” Center for Statistics in Social Sciences, University of Washington-Seattle, Seattle, WA. 2012.

“Key Aims, Findings, and Research Implications from the NICHD-Funded Study of Educational Differences in US Adult Mortality.” Presented at *Working Group on Life Course Health Dynamics and Disparities*, University of Michigan-Ann Arbor. 2012.

“The Growing Divide: Educational Differences in Mortality for U.S. Black and White Adults.” TRENDS Network Annual Meeting, University of Michigan-Ann Arbor, Ann Arbor, MI. 2011

COURSES TAUGHT

“Aging and the Life Course” (Graduate)

Department of Sociology, University of Colorado Boulder, Fall 2014

“Data II: A Second Course in Graduate Statistics” (Graduate)

Department of Sociology, University of Colorado Boulder, Spring 2014, Spring 2015, Fall 2016, Fall 2017, Fall 2018, Fall 2019

“Data III: Advanced Graduate Statistics” (Graduate)

Department of Sociology, University of Colorado Boulder, Spring 2014

“Longitudinal Data Analyses” (Graduate)

Department of Sociology, University of Colorado Boulder, Spring 2017, Spring 2020

“Social Inequalities in Health”

Department of Sociology, University of Colorado Boulder, Fall 2013

“Introduction to Social Statistics”

Department of Sociology, University of Colorado Boulder, Fall 2013, Fall 2014, Fall 2015, Spring 2016, Fall 2016, Spring 2017, Fall 2018, Spring 2019, Spring 2020

“Human Conquest of Disease and Mortality”

Department of Sociology, University of Texas at Austin, Fall 2009, Spring 2010, Fall 2010

“Stata and Introductory Statistics”

Research Experience for Undergraduates (REU) in Minority Demography, Department of Sociology, University of Texas at Austin, Summer 2005, Summer 2006, and Summer 2007

Teaching Assistant:

Introduction to Social Demography

Social Statistics

Statistical Analysis of Categorical Data

Introduction to Stata

Deviance

DISSERTATION COMMITTEES

Jennifer Roark

Sociology, Spring 2014

“Senate Bill 94: An Outcome Evaluation”

Elizabeth Lawrence

Sociology, Spring 2015

“College Degree Attainment and Health Behaviors”

Ross Knippenberg “Orthogonalization of Categorical Data: How to Fix a Measurement Problem in Statistical Distance Metrics”	Economics, Spring 2014
Samara Mendez “Brand Power, Pass-through, and Consumption Effects of Municipal Taxes: Evidence from Berkeley, CA”	Economics, Winter 2018
Jennifer Balliet (Chair) “Recontextualizing the Social Ecology of Intimate Partner Abuse”	Sociology, Spring 2020
Andrea Tilstra (co-Chair) “Trends and Group Differences in U.S. Obstetric Interventions”	Sociology, Spring 2021
Joshua Goode “Life Course Perspectives on Family Change and Young Adult Health”	Sociology, Spring 2021
Kendra Clark “Breaking out of Prison Culture? Or Culture Breaking out of Prison?”	Sociology, Spring 2021
Amin Etemadifar, Utah State University “Deaths of Despair’ and the Opioid Crisis in the United States”	Sociology, Spring 2021
Daniel Simon (Chair) “Trends in Mental Health and Suicide Mortality among U.S. Adults”	Sociology, Spring 2022
Heather Champeau “The Greenest Generation: Seniors Using Marijuana Products (SUMPs)”	Sociology, Spring 2022

MASTERS THESES

Joshua Goode	Sociology, 2017
Daniel Simon	Sociology, 2018
Jake Carias	Sociology, 2018
Kayla Jernigan (Chair)	Sociology, 2020

HONORS THESES

Sona Seligova (Chair)	Sociology, 2017
Olivia A. O’Toole	Economics, 2017
James Freeman	Economics, 2019

COMPREHENSIVE EXAMS

Jennifer Balliet	Sociology, 2015
Heather Champeau	Sociology, 2016
Andrea Tilstra (Chair)	Sociology, 2017
Joshua Goode	Sociology, 2018
Kendra Clark	Sociology, 2019
Daniel Simon	Sociology, 2019
Justin Vinneau	Sociology, 2019

PROFESSIONAL POSITIONS

2020 – present	Executive Committee Member Research Area Lead, Health Disparities and Behaviors University of Colorado Population Center
2013 – present	Assistant Professor Department of Sociology University of Colorado Boulder
2013 – present	Faculty Associate Institute of Behavioral Sciences, Population Program and Health & Society Program University of Colorado Boulder
2018 – present	Fellow Institute of Behavioral Sciences
2019 – present	Committee Member, Population Section and Statistics Section, National Academy of Science, Engineering, and Medicine, “High and Rising Midlife Mortality Rates among U.S. Working-Age Adults.”
2018 – present	Member National Institute of Aging Disability Trend Network (TRENDS)
2011 – 2013	Robert Wood Johnson Foundation Health and Society Program Scholar Columbia University
2011 – 2013	Research Associate, Columbia Population Research Center, Columbia University
2012 – present	Working Group on Life Course Health Dynamics and Disparities, University of Texas at Austin Node
2009 – 2011	Acting Instructor, University of Texas at Austin

HONORARY POSITIONS AND AWARDS

Faculty Mentor Award 2016, Department of Sociology, University of Colorado Boulder

Fellow, Institute of Behavioral Science, University of Colorado Boulder, 2019.

Founding Member, Multigenerational Transmission of Health Working Group, Robert Wood Johnson Foundation Health and Society Scholars Program, Columbia University, 2011. \$11,500.

NICHD Trainee, Population Research Center, University of Texas at Austin, 2006-2007

Pass with Honors and Distinction,
Comprehensive Exams in Demography and Health/Mortality, Department of Sociology,
The University of Texas at Austin, 2007

Magna cum Laude, Western Washington University, 2003

PROFESSIONAL MEMBERSHIP

Population Association of America, 2004 – Present
Interdisciplinary Association of Population Health Sciences, 2017 – Present
American Sociological Association, 2003 – 2017
 Sociology of Population Section
 Section on Aging and the Life Course
 Medical Sociology Section
 Political Sociology Section
 Section on Evolution, Biology & Sociology
Social Science and History Association, 2011 – Present
American Association for the Advancement of Science, 2012 – Present
Pacific Sociological Association, 2001 – 2003

PROFESSIONAL TRAINING

Faculty Teaching for Excellence Program, New Assistant Professor Program, “In Pursuit of Teaching Research Strategy,” October 23, 2013
Faculty Teaching for Excellence Program, New Assistant Professor Program, “Best Practices in Teaching Event,” December 2, 2013
Faculty Teaching for Excellence Program, New Assistant Professor Program, “End-of-Semester Meeting,” December 6, 2013
Faculty Teaching for Excellence Program, New Assistant Professor Program, “Early Career Faculty Reappointment and Tenure Prep Luncheon,” March 28, 2014
Faculty Teaching for Excellence Program, “Teaching the First Day,” August 19, 2015
Faculty Teaching for Excellence Program, “Teaching Large Classes,” February 8, 2017.

SERVICE

Director of Graduate Admissions, Department of Sociology, Fall 2018-Spring 2020
Diversity Committee, Department of Sociology, Fall 2017-Spring 2018
Committee on Graduate Studies, Department of Sociology, Fall 2014-Spring 2020.
Committee on Future Hires, Department of Sociology, Fall 2016-Spring 2017
Search Committee, Stratification/Inequality, Department of Sociology, Fall 2017
Colloquium Series Co-Organizer, Department of Sociology, Spring 2014, Fall 2014, Spring 2015
Subcommittee on Department Website, Department of Sociology, Fall 2014, Spring 2015
Subcommittee on Department Promotion and Outreach, Department of Sociology, Spring 2014
Subcommittee for Department Move/Ketchum Renovation, Department of Sociology, Spring 2014
Faculty Co-Director, Population Health Workshop, Department of Sociology, Fall 2014-Spring 2019

Regular Session Organizer, “Mortality and Morbidity“, American Sociological Association of America 2020 Annual Meeting.

Discussant, “Health in Social Context,” Regular Session 4213, American Sociological Association 2019 Annual Meeting, New York City, NY.

Awards Committee, Interdisciplinary Association of Population Health Sciences, 2019, 2020

Session Organizer, “Methodological Innovations in Health and Mortality I & II,” Population Association of America 2017 Annual Meeting.

Session Co-Organizer (with Virginia Chang), “Health and Mortality Effects of Macro Social, Economic, and Technological Change,” Population Association of America 2014 Annual Meeting.

Discussant, “Deaths of Despair,” Population Association of America 2018 Annual Meeting.

Discussant, “Methodological Challenges of Research on Mortality and Morbidity,” Regular Session 539, American Sociological Association 2016 Annual Meeting, Seattle, WA.

Discussant, “Health and Mortality Effects of Macro Social, Economic, and Technological Change,” Population Association of America 2014 Annual Meeting.

Presider, Roundtable Session, American Sociological Association 2011 Annual Meeting, Las Vegas, NV.

Chair, Session 170, Population Association of America 2010 Annual Meeting, Dallas, TX.

Organizing Committee Member, “Making the Transition from Graduate Student to Assistant Professor.” Department of Sociology, University of Texas at Austin, April 9th, 2010.

Presider, Roundtable Session, American Sociological Association 2007 Annual Meeting, New York, NY.

Ad hoc Reviewer:

American Economic Journal: Applied Economics, American Journal of Sociology, American Sociological Review, American Journal of Public Health, Biodemography and Social Biology, BMC Public Health, BMC Medicine, CRC Press / Taylor & Francis Group, Demography, Demographic Research, Drug and Alcohol Dependence, Epidemiology, European Journal of Epidemiology, Global Health, Health Affairs, International Journal of Epidemiology, International Journal of Environmental Research and Public Health, Journal of Health and Social Behavior, The Journals of Gerontology: Series B, The Lancet, Maturitas, PLOS One, PLOS Medicine, Population Research and Policy Review, Population Studies, Preventative Medicine, Proceedings for the National Academy of Sciences, Sage, Social Forces, Social Science & Medicine, Social Science & Medicine – Population Health, Social Science Research, Social Currents, Social Problems, Sociological Insight, Sociology of Education, Socius