

Tyson H. Brown

Duke University
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EMPLOYMENT

Assistant Professor of Sociology, Duke University, 2016-
Director, Duke Center for Biobehavioral Health Disparities Research, 2016-
Affiliate, Duke Population Research Institute (DuPRI), 2016-
Assistant Professor of Sociology, Vanderbilt University, 2010-2016
Senior Fellow, Robert Wood Johnson Foundation Center for Health Policy, 2010-2016

EDUCATION & TRAINING

NIH Postdoctoral Fellow, Duke University, 2008-2010
Ph.D. Sociology, University of North Carolina at Chapel Hill, 2008
M.A. University of Florida, Sociology (Minor in Statistics), 2003
B.A. University of Florida, Sociology, *Cum Laude*, 2001

RESEARCH & TEACHING INTERESTS

Racial Inequality	Medical Sociology	Life Course and Aging
Population Health	Stratification	Quantitative Methods

AWARDS & FELLOWSHIPS

Distinguished Contribution to Scholarship Article Award (Honorable Mention),
American Sociological Association, Section on Race, Gender and Class, 2017
NIH RCMAR Scholar, Minority Aging Health Economics Center at USC, 2015-2016
Outstanding Publication Award, *American Sociological Association*, Section on Aging and the Life
Course, 2014
NIH F31 Fellowship, 2007-2008
Ford Foundation Dissertation Fellowship (declined), 2007
Dissertation Fellowship, UNC Graduate School (declined), 2007
Gordon H. DeFries Career Development in Aging Award, UNC, 2007
NIH NRSA Fellowship, UNC-Carolina Population Center, 2003-2007

GRANTS

“Development and Pilot Testing of an Implicit Bias Training Intervention for Providers to Advance Equity in Healthcare,” a subproject of the “Duke Center for Research to Advance Healthcare Equity.” 2017-2022

Source: National Institute of Minority Health and Health Disparities (1U54MD012530-01, K. Johnson)

Role: Co-Investigator

Amount: \$7.3 million

“Stress and African American Male Predisposition for Kidney and Cardiometabolic Disease,” a subproject of the “RCMI Center for Health Disparities Research.” 2017-2022

Source: National Institute of Minority Health and Health Disparities (1U54 MD012392-01 D. Kumar)

Role: Consultant

Amount: \$16.3 million

“Longevity and Stress in African American Families,” a subcontract of an NIA-funded study. 2016-2021

Parent Grant: National Institute on Aging (R01 AG054363-01, K. Whitfield and R. Thorpe)

Role: PI

Amount: \$2.8 million

“Race, Social Structure, Stress and Health in Later Life,” a pilot grant from Center for Population Health and Aging Pilot Research Grant. 2016-2017

Parent Grant: National Institute on Aging (P30AG034424, A. O’Rand)

Role: PI

Amount: \$25,000

“Understanding Racial/Ethnic Inequalities in Wealth Trajectories in Middle and Late Life: Patterns and Explanations,” a pilot grant from USC RCMAR. 2015-2016

Parent Grant: National Institute on Aging (P30AG043073)

Role: PI

Amount: \$25,000

“Mechanisms Underlying Racial/Ethnic Disparities in Women’s Health: The Roles of Childhood Adversity, Adult SES, Stress, Discrimination, and Neighborhood Conditions,” a pilot grant from RWJF Center for Health Policy at Meharry Medical College. 2016

Parent Grant: Robert Wood Johnson Foundation Training Grant (Grant 64300)

Role: PI

Amount: \$20,000

“The Intersection of Race/Ethnicity, Gender and Class on Chronic Disease and Disability Trajectories,” a pilot grant from RWJF Center for Health Policy at Meharry Medical College. 2011

Parent Grant: Robert Wood Johnson Foundation Training Grant (Grant 64300)

Role: PI

Amount: \$20,000

PUBLICATIONS [Peer-reviewed articles (*current or former graduate student)]

Brown, Tyson H. 2018 (Forthcoming). “Racial Stratification, Immigration, and Health Inequality: A Life Course-Intersectional Approach.” *Social Forces*.

Brown, Tyson H. and Taylor W. Hargrove*.2018. “Psychosocial Mechanisms Underlying Older Black Men’s Health.” *Journals of Gerontology, Series B: Psychological Sciences and Social Sciences*, 73(2):188-197.

➤ Lead article

Brown, Tyson H., Liana J. Richardson, Taylor W. Hargrove* and Courtney S. Thomas*. 2016. “Using Multiple-Hierarchy Stratification Approaches to Understand Health Inequalities: The Intersecting Consequences of Race, Gender, SES and Age.” *Journal of Health and Social Behavior*, 57(2):200-222.

➤ Distinguished Contribution to Scholarship Article Award (Honorable Mention), *American Sociological Association*, Section on Race, Gender and Class

Richardson, Liana J. and **Tyson H. Brown**. 2016. “(En)gendering Racial Disparities in Health Trajectories: A Life Course and Intersectional Analysis.” *Social Science & Medicine: Population Health*, 2:425-435.

Brown, Tyson H. 2016. “Diverging Fortunes: Racial/Ethnic Inequality in Wealth Trajectories in Middle and Late Life.” *Race and Social Problems*, 8(1):29-41.

Turner, R. Jay, Courtney S. Thomas* and **Tyson H. Brown**. 2016. “Childhood Adversity and Adult Health: Evaluating Intervening Mechanisms.” *Social Science & Medicine*, 156:114-124.

Gu, Danan, Haiyan Zhu, Helen Heonig, **Tyson H. Brown**, and Zeng Yi. 2015. “Tourism Experiences and Self-Rated Health among Older Adults in China.” *Journal of Aging and Health*, 28(4):675-703.

Brown, Tyson H., Taylor W. Hargrove* and Derek M. Griffith. 2015. “Racial/Ethnic Disparities in Men’s Health: Examining Psychosocial Mechanisms.” *Journal of Family and Community Health*, 38(4):307-318.

Hargrove, Taylor W.* and **Tyson H. Brown**. 2015. “A Life Course Approach to Inequality: Examining Racial and Ethnic Differences in the Relationship between Early Life Conditions and Health in Later Life Among Men.” *Ethnicity and Disease*, 25(3):313-20.

Daniel E. Adkins, Shaunna L. Clark, William Copeland, Martin Kennedy, Kevin Conway, A. Angold, Hermine Maes, Youfang Liu, Judy Silberg, **Tyson H. Brown**, David M. Fergusson, L. John Horwood, Lindon Eaves, Edwin van den Oord, Patrick Sullivan, E. J. Costello. 2015. “Genomewide Meta-analysis of Longitudinal Alcohol Consumption Trajectories in Adolescence and Young Adulthood.” *Twin Research and Human Genetics*, 18(4):335-347.

Brown, Tyson H. and Taylor W. Hargrove*. 2013. "Multidimensional Approaches to Examining Gender and Racial/Ethnic Stratification in Health." *Women, Gender, and Families of Color*, 1(2):180-206.

Brown, Tyson H., Angela M. O'Rand and Daniel E. Adkins. 2012. "Race/Ethnicity and Health Trajectories: Tests of Three Alternative Hypotheses across Multiple Groups and Health Outcomes." *Journal of Health and Social Behavior*, 53 (3):359-377.

Brown, Tyson H. 2012. "The Intersection and Accumulation of Racial and Gender Inequality: Black Women's Wealth Trajectories." *The Review of Black Political Economy*, 39: 239-258.

Warner, David F. and **Tyson H. Brown.** 2011. "Understanding How Race/Ethnicity and Gender Impact Age-Trajectories of Disability: An Intersectionality Approach." *Social Science & Medicine*, 72(8):1236-1248.

- Winner of 2014 Outstanding Publication Award, *American Sociological Association*, Section on Aging and the Life Course

Elder, Glen H. Victor Wong, Naomi Spence, Daniel E. Adkins, and **Tyson H. Brown.** 2010. "Pathways to the All-Volunteer Military." *Social Science Quarterly*, 91(2): 455-475.

Brown Tyson H. and David F. Warner. 2008. "Divergent Pathways? A Life Course Study of Racial/Ethnic Differences in Women's Labor Force Withdrawal." *Journal of Gerontology: Social Sciences*, 63(3): S122-34. Authors listed alphabetically (contributions are equal).

Koropeckyj-Cox, Tanya., Amy M. Pienta and **Tyson H. Brown.** 2007. "Women of the 1950s and the 'Normative' Life Course: The Implications of Childlessness, Fertility Timing, and Marital Status for Psychological Well-being in Late Midlife." *International Journal of Aging and Human Development*, 64 (4): 299-330.

MANUSCRIPTS UNDER REVIEW OR IN PROGRESS

Brown, Tyson H., Taylor W. Hargrove*. "Racial Inequality in Health: The Roles of SES, Stressors, and Physiological Dysregulation."

Brown, Tyson H. and Patricia Homan*. "States of Inequality: Structural Racism and Health Stratification."

Brown, Tyson H. "Wealth Stratification at the Intersection of Race and Gender."

Brown, Tyson H. "Testing the Utility of the Biopsychosocial Model of Racism as a Stressor for Understanding How Inequality 'Gets Under the Skin.'"

Brown, Tyson H. and Courtney Thomas* "Race, Class, Gender and Exposure to General and Status-Based Stressors."

INVITED LECTURES

Cornell University, 2017
University of North Carolina at Chapel Hill, 2017
Harvard University, 2016
National Academies of Science, 2016
National Institute on Aging, 2016
University of Southern California, 2016
Texas A&M University, 2015
Pennsylvania State University, 2015
University of Nebraska, 2014
University of Alabama at Birmingham, 2014
Princeton University, 2014
Washington University, 2012
University of Pennsylvania, 2011
University of North Carolina at Chapel Hill, 2010
Duke University, 2008

SELECT CONFERENCE PRESENTATIONS

Brown, Tyson H. 2017 “Life Course Lens on Health Inequality: The Intersection of Race, Nativity, and Aging.” Paper presented at the Annual Meeting of the American Sociological Association, Montreal, QC in August.

Brown, Tyson H., Taylor W. Hargrove*. 2017. “Racial Inequality in Health: The Roles of SES, Stressors, and Physiological Dysregulation.” Paper presented at the conference on Lives of Color: Race/Ethnicity and the Life Course, University Park, PA in June.

Brown, Tyson H. 2016. “Race/Ethnicity, Stress, Mobility Limitations and Disability among Older Men.” Paper presented at the Annual Meeting of the Gerontological Society of America, New Orleans, LA in November.

Brown, Tyson H. 2016. “Diverging Fortunes: Racial/Ethnic Inequality in Wealth Trajectories in Middle and Late Life.” Paper presented at the Annual Meeting of the American Sociological Society of America, Seattle, WA. in August.

Brown, Tyson H., Taylor W. Hargrove* and Courtney S. Thomas*. 2015. “Using Multiple-Hierarchy Stratification Approaches to Understand Inequalities in Health: The Intersecting Consequences of Race, Gender, SES and Age.” Paper presented at the Annual Meeting of the American Sociological Association, Chicago, IL in August.

Thorpe, Roland J., Taylor W. Hargrove*, Lauren Parker, and **Tyson H. Brown.** 2015. “The Relationships among Race, Psychosocial Factors, and Mobility Decline among Men.” Paper presented at the Annual Meeting of the Gerontological Society of America, Orlando, FL in November.

Brown, Tyson H. and Taylor W. Hargrove*. 2014. "The Social Stratification of Aging and Health: Combining Race, Gender and Age to Test Multidimensional Inequality and Life Course Hypotheses." Paper presented at the Annual Meeting of the American Sociological Association, San Francisco, CA in August.

Brown, Tyson H. 2013. "Immigration, Race/Ethnicity and Health Across the Life Course." Paper presented at the Annual Meeting of the American Sociological Association of America, New York, NY in August.

Brown, Tyson H., Liana J. Richardson, Taylor W. Hargrove*, and Courtney S. Thomas*. 2013. "Gendered Racial Stratification of Health Trajectories: Integrating Intersectionality and Life Course Perspectives." Paper presented at the Annual Meeting of the Population Association of America, New Orleans, LA in April.

Warner, David F., Jielu Lin, and **Tyson H. Brown.** 2011. "Racial/Ethnic and Gender Trajectories of Functional Impairment: Exploring Between- and Within-Group Heterogeneity." Paper presented at the Annual Meeting of the Population Association of America, Washington, D.C. in April.

Richardson, Liana J. and **Tyson H. Brown.** 2011. "The Intersectionality of Race and Gender in Hypertension Trajectories." Paper presented at the Annual Meeting of the Eastern Sociological Society, Philadelphia, PA in February.

Warner, David F., and **Tyson H. Brown.** 2010. "The Intersectionality of Race/Ethnicity and Gender in Age-Trajectories of Disability." Paper presented at the Annual Meeting of the American Sociological Association of America, Atlanta, GA in August.

Brown, Tyson H. 2010. "Race/Ethnicity, Nativity and Morbidity Trajectories." Paper presented at the Annual Meeting of the Population Association of America, Dallas, TX in April.

Brown, Tyson H. 2009. "Diverging Fortunes? Racial/Ethnic Differences in Wealth Trajectories Across the Life Course." Paper presented at the Annual Meeting of the American Sociological Association, San Francisco, CA.

Brown, Tyson H. 2009. "Aging-as-Leveler, Persistent Inequality, Cumulative Disadvantage or all Three? Race/Ethnicity, Life Course Capital and Health Trajectories." Paper presented at the Annual Meeting of the Population Association of America, Detroit, MI.

Brown, Tyson H. 2008. "Cumulative Disadvantage? Racial/Ethnic Differences in Health Trajectories." Paper presented at the Annual Meeting of the American Sociological Association, Boston, MA in August.

Brown Tyson H., and David F. Warner. 2007. "Divergent Pathways: A Life Course Study of Race Differences in Women's Labor Market Withdrawal." Paper presented at the Annual Meeting of the Population Association of America, NY, New York.

Brown, Tyson H. 2006. "Marital Histories and Wealth Accumulation: The Roles of Duration and Timing." Paper presented at the annual meeting of the American Sociological Association, Montreal, QC.

TEACHING EXPERIENCE

Medical Sociology, 2018
Who Gets Sick and Why, 2017
Race, Gender, Class, and Health (graduate), 2016
Social Stratification Seminar (graduate), 2015
Methods of Social Research, 2010, 2011, 2014, 2016
Racial Domination, Racial Progress, 2011-2016
Racial and Ethnic Relations, 2008, 2010
Medical Sociology, 2011-2013

CONSULTING

Federal Reserve Board, "The Impact of the Financial Crises on the Racial Wealth Gap," 2013
Urban Institute, "Forecasting Racial Differences in Earnings, Social Security, Disability and Mortality," 2012

TRAINING WORKSHOPS

Multilevel Modeling of Non-Normal Data, Statistical Horizons, 2015
Rand Summer Institute: Demography & Economics of Aging/Mini Med-School for Social Scientists, 2006
Group Based Models of Developmental Trajectories, ICPSR Summer Program, University of Michigan, 2005
Using Health and Retirement Study (HRS) Data, ICPSR Summer Program, University of Michigan, 2003

PROFESSIONAL ACTIVITIES AND SERVICE

Editorial Board, Journals of Gerontology, Series B, Social Sciences, 2018-
Council Member, American Sociological Association, Section on Aging and Life Course, 2017-
Editorial Board, Social Psychology Quarterly, 2017-
Associate Editor, *Ethnicity and Health*, 2015- 2016
Editorial Board, *Social Forces*, 2014-
Program Committee, Population Association of America, 2014
Program Committee, American Sociological Society, Population Section, 2013
Program Committee, Southern Sociological Society, 2012