

## **Tyson H. Brown**

Duke University  
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### **POSITIONS**

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, Center for Aging and Human Development, 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 Stratification, Medical Sociology, Population Health, Life Course and Aging, Methods

### **PEER-REVIEWED PUBLICATIONS**

(\*Denotes student co-author)

**Brown, Tyson H.** 2018. "Racial Stratification, Immigration, and Health Inequality: A Life Course-Intersectional Approach." *Social Forces*, 96(4):1507-1540.

**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

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.

Gu, Danan, Haiyan Zhu, Helen Heonig, **Tyson H. Brown**, and Zeng Yi. 2016. "Tourism Experiences and Self-Rated Health among Older Adults in China." *Journal of Aging and Health*, 28(4):675-703.

**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

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.

**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.

**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.

Koropecykj-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\*. "Mechanisms Underlying Racial Disparities in Health: Socioeconomic Inequality and Stress Processes."

**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."

## GRANTS

"Development and Pilot Testing of an Implicit Bias Training Intervention for Providers to Advance Equity in Healthcare," a subproject of the "REACH Equity grant." 2017-2022

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

Role: Co-Investigator

Amount: \$1.2 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” 2016-2021  
Source: National Institute on Aging (R01 AG05436, K. Whitfield and R. Thorpe)  
Role: Co-Investigator  
Amount: \$3.4 million

“Study of Longevity and Stress among African Americans” (SOLSAA) 2016-2021  
Source: Subcontract for an NIA-funded study (R01 AG05436)  
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

## **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. DeFriese Career Development in Aging Award, UNC, 2007  
NIH NRSA Fellowship, UNC-Carolina Population Center, 2003-2007

## 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.** 2018. "Mechanisms Underlying Racial Disparities in Health: Socioeconomic Inequalities and Stress Processes." Paper presented at the International Stress Conference, Athens, Greece in June.

**Brown, Tyson H.** 2018. "Diverging Fortunes: Race & Wealth Inequality in Later Life." Paper presented at the 5<sup>th</sup> Annual Parren J. Mitchel Symposium, College Park, MD in April.

**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  
Who Gets Sick and Why  
Race, Gender, Class, and Health (graduate)  
Social Stratification Seminar (graduate)  
Methods of Social Research  
Racial Domination, Racial Progress  
Racial and Ethnic Relations

## **CONSULTING**

RCMI Center for Health Disparities Research at NCCU, subproject on "Stress and African American Male Predisposition for Kidney and Cardiometabolic Disease," 2017-2022

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

### *Department*

- 2017-2018 Member, Graduate Studies Committee
- 2016-2017 Organizer, Jensen Lecture Series
- 2016-2017 Member, Executive Committee

### *University*

- 2018-2020 Academic Council (Elected Position), Trinity College of Arts and Sciences
- 2018-2019 Organizer, Writing and ReseArch Productivity (WRAP) Group for Faculty, Office for Faculty Advancement
- 2018 Member, Respectful Culture Group, Office for Institutional Equity
- 2018 Reviewer, ABC Thrive Seed Grant Proposals, Bass Connections
- 2017 Reviewer, Bass Connections Proposal Applications
- 2017 Invited lecture, Chautauqua Lecture Series, Giles Residence Hall
- 2017 Participant, Rubenstein Scholars & 1G Faculty Luncheon Series

### *Discipline*

- 2018-2022 Editorial Board, *Social Forces*
- 2018 Editorial Board, *Journals of Gerontology, Series B, Social Sciences*
- 2018 Founding Member, Population Research Network
- 2017-2020 Council Member (Elected Position), American Sociological Association, Section on Aging and Life Course
- 2017-2020 Editorial Board, *Social Psychology Quarterly*
- 2017-2020 Membership Committee, International Association for Population Health Science
- 2015-2016 Associate Editor, *Ethnicity and Health*
- 2014-2017 Editorial Board, *Social Forces*
- 2014 Session Organizer, Population Association of America
- 2013 Program Committee, American Sociological Society, Population Section
- 2008-Present Reviewer, *American Sociological Review, American Journal of Sociology, Social Forces, Journal of Health and Social Behavior, Demography, Journals of Gerontology, Series B, Social Sciences, Social Science & Medicine, Sociology of Race and Ethnicity, Social Problems, Social Psychology Quarterly*, and numerous other specialty peer-review journals.

### *Public Engagement*

- 2018 Invited commentary on POLITICO on upstream investments to achieve health equity, available at <https://www.politico.com/agenda/story/2018/01/10/reshaping-public-health-roundtable-000614>
- 2017 Expert guest on 89.3 WFPL (National Public Radio affiliate), on the topic of racial inequality in health, available at <http://wfpl.org/a-crossfit-gym-workds-to-fill-an-exercise-desert/>



- 2016 Expert guest on POLITICO, on the topic of population health in an increasingly diverse country, available at <https://www.politico.com/agenda/story/2016/11/us-public-health-trends-discussion-000239>
- 2016 Video interview on POLITICO, on the topic of health disparities, available at <https://www.politico.com/video/2016/11/agenda-2020-tyson-brown-061654>
- 2016 Expert guest on the National Public Radio's "On Point", on the topic of racial inequality in health and life expectancy, available at <http://www.wbur.org/onpoint/2016/05/10/why-life-expectancy-varies-greatly-in-the-u-s>
- 2013 Expert guest on the National Public Radio's "On Point", on the topic of race relations, available at <http://onpoint.legacy.wbur.org/2013/10/01/miss-america-and-diversity-now>  
10/01/2013