**MARGARET TAKAKO HICKEN**

Institute for Social Research | Michigan Medicine | School of Public Health

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**Education and Training**

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| **Doctor of Philosophy**Health Behavior Health Education, School of Public Health, University of MichiganNational Institute on Aging Population Studies Predoctoral Fellow (2005-2010) | 2010 |
| **Master of Public Health** Maternal and Child Health, School of Public Health, University of North Carolina  | 2001 |
| **Bachelor of Science**Biology, College of Arts and Sciences, University of Nebraska | 1992 |

**Academic Appointments**

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| **Lecturer**Department of Epidemiology, School of Public Health, University of Michigan | 2019-present |
| **Research Assistant Professor**Division of Nephrology, Department of Internal Medicine, University of Michigan | 2017-present |
| **Research Assistant Professor (Tenure Track)**Survey Research Center, Institute for Social Research, University of Michigan | 2015-present |
| **Faculty Associate**Population Studies Center, University of Michigan | 2015-present |
| **Research Investigator**Division of Nephrology, Department of Internal Medicine, University of Michigan | 2014-2017 |
| **Research Investigator**Survey Research Center, Institute for Social Research, University of Michigan | 2014-2015 |
| **Postdoctoral Research Fellow**Department of Epidemiology, School of Public Health, University of Michigan | 2012-2014 |
| **Robert Wood Johnson Health & Society Scholar**Center for Social Epidemiology and Population Health, University of Michigan | 2010-2012 |

**Publications: Peer-reviewed**

\*represents student or post-doctoral fellow mentored work

**Hicken MT**, Katz R, Peralta CA, Crews DC, Kramer HJ. Neighborhood social context and kidney function over time: The Multi-Ethnic Study of Atherosclerosis. American Journal of Kidney Diseases. *Forthcoming*.

Mayne S\*, **Hicken MT**, Kershaw KN, Do P, Merkin S, Seeman T, Hajat A, Diez Roux AV. Neighborhood Racial/Ethnic Residential Segregation and Cardiometabolic Risk: The Multi-Ethnic Study of Atherosclerosis. Journal of Epidemiology and Community Health. *Forthcoming*.

Le-Scherban F, Seeman TE, Sloan RP, Wang X, Diez Roux AV, Brenner A, Needham BL, **Hicken MT**, McKinley P. Is lifetime socioeconomic status related to cortisol reactivity and recovery in response to acute stress? Evidence from the Multi-Ethnic Study of Atherosclerosis. Psychoneuroendocrinology. 2018. 80(2):184-192.

**Hicken MT**, Hing A, Lee H. The weight of racism: Vigilance and racial inequalities in weight-related measures. Social Science and Medicine. 2018. 199:157-166.

McCluney CL\*, Schmitz LL\*, **Hicken MT**, Sonnega A. Structural racism in the workplace: Does perception matter for health inequalities? Social Science and Medicine 2018. 199:106-114.

Kershaw KN, Carnethon M, Larsen PG, Robinson W. Kiefe C, Sidney S. **Hicken MT**, Goff D, Diez Roux AV. Association of changes in neighborhood-level racial residential segregation with changes in blood pressure among black adults. JAMA Internal Medicine. 2017. 177(7):996-1002.

EspositoMH, Lee, H, **HickenMT**, Porter LC, Herting JR. The consequences of contact with the criminal justice system for health in emerging adulthood. Longitudinal and lifecourse studies. Longitudinal and Lifecourse Studies: International Journal 2017. 8(1): 57-74.

**Hicken MT**. Measurement and modeling of race and health in Brazil: Continuing the discussion. Cadernos Saude Publica 2017. 33(Suppl 1). doi:10.1590/0102-311x00084216.

Needham BL, **Hicken MT**, Govia I, Mitchell C, Abdou CM. Maternal social disadvantage and newborn telomere length in archived dried blood spots from the Michigan Neonatal Biobank. Biodemography and Social Biology 2017. 63(3):221-235.

Lee H, **Hicken MT**. Death by a thousand cuts: The health consequences of Black respectability politics. Souls: A Critical Journal of Black Politics, Culture, and Society 2016. 18(2-4):421-445.

**Hicken MT**, Adar SD, Hajat A, Kershaw KN, Do DP, Barr RG, Kaufman JD, Diez Roux AV. Air pollution, cardiovascular outcomes, and social disadvantage: The Multi-Ethnic Study of Atherosclerosis. Epidemiololgy 2016. 27(1):42-50.

**Hicken MT**, Gipson DS. Matching the genotype in resolution: Innovative ways of phenotype capture. Seminars in Nephrology 2015: 35(3):279-290.

Lee H, McCormick T, **Hicken MT**, Wildeman C. Racial inequalities in connectedness to imprisoned individuals in the United States. DuBois Review: Social Science Research on Race 2015. 12(2):269-282.

**Hicken MT**, Dvonch JT, Schulz AJ, Mentz G, Max P. Psychosocial stress and vulnerability to the cardiovascular effects of fine particulate matter air pollution in Detroit. Environmental Research 2014. 133:195-203.

Lee H, Kershaw K, **Hicken MT**, Abdou CM, Williams CS, Rivera-O’Reilly N, Jackson JS. The health of Black Americans: Comparisons between the US Virgin Islands and the US 50 states. Public Health Reports 2013. 128(3):170-178.

**Hicken MT**, Lee H, Ailshire J, Burgard S, Williams DR. All shut eye ain’t sleep: Racism-related vigilance and sleep quality. Race and Social Problems 2013. 5(2):100-112.

**Hicken MT**, Lee H, Morenoff J, House JS, Williams DR. Black-White disparities in hypertension: Reconsidering the role of chronic stress. American Journal of Public Health 2013. 104 (1): 117-123.

Hunte H, King K, **Hicken MT**, Lee H, Lewis T. Interpersonal discrimination and depressive symptomatology: Examination of several personality-related traits as confounders in a cross-sectional study of racial/ethnic heterogeneous adults. BMC Public Health 2013. 13:1084-1093.

**Hicken MT**, Adar S, O’Neill M, Magzamen S, Auchincloss A, Kaufmann J, Diez Roux AV. Do psychosocial stress and and social disadvantage modify the association between air pollution and blood pressure?: Multi-Ethnic Study of Atherosclerosis. American Journal of Epidemiology 2013. 178 (10):1550-1562.

**Hicken MT**, Gee GC, Connell CM, Morenoff J, Snow RC, Hu H. Black-White hypertension disparities: Depressive Symptoms enhance vulnerability to lead. Environmental Health Perspectives 2013. 121(2):205-209.

Lee H, **Hicken MT**. Cumulative social risk and racial/ethnic disparities during the transition to adulthood. Journal of Health Care of the Poor and Underserved 2013. 24:905-925.

**Hicken MT**, Lee H, Mezuk B, Kershaw K, Rafferty J, Jackson J. Racial and ethnic differences in the association between obesity and depression in women. Journal of Women’s Health 2013. 22(5):445-452.

**Hicken MT**, Gee GC, Morenoff J, Connell CM, Snow RC, Hu H. A novel look at racial health disparities: The interaction between social disadvantage and environmental health. American Journal Public Health 2012. 102(1):2344-2351.

**Hicken MT**, Gragg R, Hu H. How cumulative risks warrant a shift in our approach to racial health disparities: The case of lead, stress, and hypertension. Health Affairs 2011. 30(10):1895-1901.

Geronimus AT, **Hicken M**, Pearson J, Seashols S, Brown K, Cruz TD. Do US black women experience stress-related accelerated biological aging? A novel theory and first population-based test of black-white differences in telomere length. Human Nature 2010. 21(1):19-38.

Geronimus AT, Bound J, Keene D, **Hicken M**. Black-white differences in age trajectories of hypertension prevalence among adult men and women, 1999-2002. Ethnicity and Disease 2007. 17(1):40-48.

Geronimus AT, **Hicken M**, Keene D, Bound J. “Weathering” and age patterns of allostatic load scores among blacks and whites in the United States. American Journal Public Health 2006. 96:826-833.

Farel A, Meyer R, **Hicken M**, Edmonds L. Registry to referral: Using birth defects registried to refer infants and toddlers for early intervention services. Birth Defects Research Part A: Clinical and Molecular Teratology 2003. 67(9):647-650.

Farel A, Meyer R, **Hicken M**, Edmonds, L. Registry to referral: A promising means for identifying and referring infants and toddlers for early intervention services. Infants and Young Children 2003. 16(2):99-105.

**Publications: Editor-reviewed or Editor-invited**

Lee H, **Hicken MT**. Racism and the health of white Americans: Invited commentary. American Journal of Bioethics. 2018. 18(10):21-23.

**Hicken MT**, Kravitz-Wirtz N, Durkee M, Jackson JS. Racial inequalities in health: Framing future research. Social Science and Medicine. 2018. 199:11-18.

**Hicken MT**. Fundamental causes, social context, and modifiable risk factors in the racial/ethnic inequalities in blood pressure and hypertension: Invited commentary. American Journal of Epidemiololgy 2015. 182(4):354-357.

**Book Chapters**

**Hicken MT**, Burnside L, Edwards D, Lee H. Racial residential segregation as the actualization of structural racism. In: Bruce M, Ford C, Gilbert K, and Griffith DM, Eds. Is it Race or Racism?” State of the Evidence and Tools for the Public Health Professional. Washington, DC: American Public Health Association. *Forthcoming*.

**Hicken MT**, Lee H. Structural and cultural racism, vigilant coping style, and racial inequalities in health. In: Bruce M, Ford C, Gilbert K, and Griffith DM, Eds. Is it Race or Racism?” State of the Evidence and Tools for the Public Health Professional. Washington, DC: American Public Health Association. *Forthcoming*.

Vahratian A, **Hicken** **MT**, Schwalberg R, Kotelchuck M. Mothers and infants. In: Kotch J, Ed. Maternal and Child Health, 3rd edition. 2012. Sudbury, MA: Jones and Bartlett Learning.

Farel A, Meyer R, **Hicken M**. Birth defects. In: Child Development: The MacMillan Psychology Reference Series. 2002. New York: Gale Group.

**Research funding: Active**

March of Dimes Center for Social Science Research; “Racial inequalities in precarious work and poor birth outcomes”; 12/2018-12/2019; **Principal investigator**

National Institute on Minority Health and Health Disparities; R01-MD013299; “Racial inequalities in health throughout adulthood: The cumulative impact of neighborhood chemical and non-chemical stressors on epigenomic pathways”; 08/2018-03/2023; **Principal investigator**

National Institute of Diabetes and Digestive and Kidney Diseases; K01-DK106322; “The interactive roles of neighborhood characteristics and genetic risk in racial inequalities in CKD”; 09/2016-08/2021; **Principal investigator**

**Research Funding: Recently Completed**

University of Michigan George M. O’Brien Kidney Translational Core Center pilot grant; “Racial segregation and CKD progression in C-PROBE patients”; **Principal investigator**; 01/2018-12/2018

University of Michigan Center for Japanese Studies; “Ikigai and health aging: The importance of Okinawan lifestyle”; **Principal investigator**; 05/2017-04/2018

University of Michigan O’Brien Kidney Translational Research Core pilot grant; “Sociocontextual environment and progression of kidney disease”; **Principal investigator**; 06/2015-06/2016; $40,000

University of Michigan Population Studies Center; “Examining the validity of a racism-related vigilance measure”; **Principal investigator**; 01/2015-01/2016

University of Michigan Center for Social Epidemiology and Population Health; “Examining the validity of a racism-related vigilance measure”; **Principal investigator**; 02/2015-06/2015

University of Michigan Robert Wood Johnson Foundation Health & Society Scholars Program pilot grant; “Examining the validity of a racism-related vigilance measure”; **Principal investigator**; 10/2014-09/2015

University of Michigan George M. O’Brien Kidney Translational Core Center pilot grant; “From neighborhood exposures to molecular mechanisms in nephrotic syndrome: Linking geospatial measures to the Nephrotic Syndrome Study Network”; **Principal investigator**; 05/2015-04/2016

**Professional Memberships**American Society of Nephrology

Gerontological Society of America

Interdisciplinary Association for Population Health Science (Membership committee)

International Society for Environmental Epidemiology

Population Association of America

Society for Epidemiologic Research

**Selected Recent Invited Presentations**

**Hicken MT.** The toxic burden of cultural racism. Race and the Forefront. March 28-29, 2019. Collaboration on Race, Inequality, and Social Mobility in America, Washington University in St. Louis, St. Louis, Missouri.

**Hicken MT.** Keynote address: Social context, APOL1, and racial inequalities in kidney diseases. Annual SUNY Downstate Medical Center Dialysis Symposium. March 22, 2019. New York, New York.

**Hicken MT.** The toxic burden of cultural racism. Deep Wounds: The Social Context of Health Inequalities. November 8-9, 2018. Center for the Study of Inequality, Cornell University, Ithaca, New York.

**Hicken MT.** Cultural racism, mass incarceration, and population health. Testimony before the Committee on Health, Hospitals, and Human Services. The Legislature of the US Virgin Islands. June 29, 2018. St. Croix, USVI.

**Hicken MT**. Social stress and vulnerability to environmental toxicants. UC Berkeley Superfund Research Program 30th Anniversary Meeting. January 20, 2018. Berkeley, CA.

**Hicken MT**, invited moderator. The other America: Still separate, still unequal. January 19, 2018. University of Michigan, Ann Arbor, Michigan

**Hicken MT**. Racial health inequalities revisited: The toxic burden of cultural racism. 2017 University of Michigan Minority Health Conference. April 7, 2017. Ann Arbor, MI.

**Hicken MT**. Raça em estudos clinicos e epidemiológicos: Perspectivas criticas. (Critical perspectives on race in clinical and epidemiological studies). Raça, Discriminação e Saúde: Perspectivas Históricas e Contemporâneas. August 12-14, 2015. Rio de Janeiro, Brazil.

**Hicken MT**. Neighborhoods & CVD inequalities: A role for kidney disease and APOL1? Annual Meeting of the Center for Integrative Approaches to Health Disparities Junior Investigator Meeting. March 26-27, 2015. Philadelphia, PA.

LeeH, EspositoM, PorterL, **HickenMT**, Herting J. The consequences of contact with the criminal justice system for health in emerging adulthood. Challenges in the Third Decade of Life in the 21st Century; Individual Development and Health, Social Opportunities and Inequalities; Castle Herrenhausen, Hanover, June 25-28, 2014.

**Selected Recent Conference Presentations**

**Hicken MT**. Cultural racism and racial health inequalities. Annual meeting of the Interdisciplinary Association for Population Health. October 2-4, 2017. Austin, TX. Oral presentation.

Brown K, **Hicken MT**, Lee H. Who’s paying the price? Racism-related vigilance and inflammation in the Chicago Community Adult Health Study. The Ninth Health Disparities Conference “From Disparity to Equity: Building Healthier Communities” Xavier University. February 29-March 2, 2016. New Orleans, LA. Poster.

Brown K, **Hicken MT**, Lee H. The role of vigilance and optimism in Black-White Differences in inflammation. Annual Meeting of the Society of Epidemiologic Research. June 16-19, 2015. Denver, CO. Poster.

**Hicken MT**, Dvonch JT, Schulz AJ, Mentz G, Max P. Psychosocial stress and vulnerability to the cardiovascular effects of fine particulate matter air pollution in Detroit. Annual Meeting of the International Society of Environmental Epidemiology. University of Washington. August 24-28, 2014. Seattle, WA. Oral presentation.

**Hicken MT**, Adar SD, Hajat A, Kershaw K, Do DP, Barr RG, Kaufman JD, Diez Roux AV. Air pollution, left ventricular mass, and the modifying role of social disadvantage: The Multi-Ethnic Study of Atherosclerosis. Annual Meeting of the International Society of Environmental Epidemiology. University of Washington. August 24-28, 2014. Seattle, WA. Poster.

Andrew M, **Hicken M**. Pre and Post-Natal Influences on Children. American Sociological Association annual meeting. Hilton New York Midtown and Sheraton New York Hotel & Towers. August 10-13, 2014. New York, NY. Oral presentation.

Lee H, **Hicken MT**, Cogburn CD, Morenoff J, Williams DR, Nuru-Jeter A. The continuing burden of racism: Vigilance as an explanation for racial disparities in mental health. 14th International Conference on Social Stress Research. June 7-9, 2014. Vancouver, BC. Oral presentation.