

Rakale Collins Quarells, Ph.D.

Personal Information

Professional address: NCPC - 318B
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Mableton, GA 30126
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US Citizen? Yes

Education

Howard University
Department of Psychology
Washington, DC 20059
August 1993 – August 1998
Ph.D., Personality Psychology

Howard University
Department of Psychology
Washington, DC 20059
August 1991 – August 1993
M.S., Personality Psychology

Howard University
Department of Psychology
Washington, DC 20059
August 1987 – May 1991
B.S., Psychology

Postgraduate Training

Stanford Prevention Research Center
Stanford University School of Medicine
Stanford, CA 94305
September 1998 – August 2000
Postdoctoral Fellow

Employment History

A. Faculty Appointments

Aug 2012 - *Associate Professor of Community Health and Preventive
Medicine, Cardiovascular Research Institute, Morehouse School of
Medicine, Atlanta, GA*

- Jul 2005 – Aug 2012 *Associate Professor of Community Health and Preventive Medicine, Social Epidemiology Research Center, Morehouse School of Medicine, Atlanta, GA*
- Aug 2007 – Jun 2010 *Track Coordinator, Health Education and Health Promotion Track, Master of Public Health Program, Morehouse School of Medicine, Atlanta, GA*
- Jul 2000 – Jun 2005 *Assistant Research Professor of Community Health and Preventive Medicine, Social Epidemiology Research Center, Morehouse School of Medicine, Atlanta, GA*

C. Other Employment

- Aug 2012 - Feb 2016 *Associate Director, Cardiovascular Research Institute, Morehouse School of Medicine, Atlanta, GA*
- Jun 1999 - Dec 1999 *Scientific Consultant, Kaiser Foundation Research Institute, Division of Research, 3505 Broadway Oakland, CA 94611-5714*
- Oct 1996 - Sept 1998 *Research Consultant, The Developmental School Foundation, 6000 Executive Boulevard, Suite 605, Rockville, MD 20852*
- Feb 1996 - Jul 1998 *Predoctoral Fellow, Howard University Cancer Center, 2041 Georgia Avenue, Washington, DC 20060*
- Apr 1997 - Jul 1998 *Consortium Research Fellow, Army Research Institute, 5001 Eisenhower Avenue, Alexandria, VA 22333*
- Jun 1992 - May 1995 *Research Supervisor, Department of Psychology, Howard University, 2400 Sixth Street, NW, Washington, DC 20059*
- Jan 1994 - Apr 1997 *Senior Student Assistant, Career Services Office, Howard University, 525 Bryant Street, NW, Washington, DC 20059*
- Jun 1996 - Aug 1996 *Research Assistant, Department of Physiology, Potchefstroom University, Private Bag X6001, Potchefstroom 2520, South Africa*

Honors and Awards

- 1992 Psi Chi National Honor Society in Psychology, Howard University
- 1991-93 Patricia Roberts Harris Fellowship, Howard University
-M.S. Funding Fellowship
- 1993 Howard University Outstanding Research Award
- 1994-96 Dorothy Danforth Compton Fellowship, Howard University
-Ph.D. Funding Fellowship
- 1995 Nominee for Celebrate Excellence Program, Howard University
- 1999-00 Katherine McCormick Fund for Women Travel Grant, Stanford University School of Medicine
- 2004 Mayor Shirley Franklin's Phoenix Award, Atlanta, GA
-Given for the work that the F.I.G.H.T. for Life Program is doing to prevent and delay the development of cardiovascular diseases among the citizens of Atlanta, GA.
- 2007 PTA Volunteer of the Quarter, Nickajack Elementary School
- 2013 PTA Volunteer of the Quarter, Nickajack Elementary School

2015 PTA Volunteer of the Quarter, Nickajack Elementary School
 2015-16 Volunteer of the Year, Nickajack Elementary School

Professional Societies

American Public Health Association
 Society for Behavioral Medicine

Professional Service

A. Extramural:

1. Local

2017 *Panel Member, The Immortal Life of Henrietta Lacks Movie Screening and Panel Discussion, Morehouse School of Medicine, Atlanta, GA*
 2015 *Panel Member, Racial Justice and Health Training in a Professional Context, YWCA and Emory University, Atlanta, GA*
 2012 *Abstract Reviewer, Poster Session, Daniel Blumenthal Public Health Summit*
 2004 *Abstract Reviewer, Student Poster Session, Southeastern Psychological Association Conference*
 2002 *Abstract Reviewer, Student Poster Session, Southeastern Psychological Association Conference*
 2000-02 *Vice-President, Association of Black Psychologists (Atlanta Chapter)*

2. National

2017 *Expert Grant Reviewer, Geographic Management of Cancer Health Disparities (GMAP) Program*
 2017 *Grant Reviewer, Research-Tested Intervention Programs, National Cancer Institute*
 2017 *Ad Hoc Grant Reviewer, Center for Scientific Review, National Institutes of Health*
 2016-17 *SBM Champion, Society of Behavioral Medicine*
 2013-14 *Student Abstract Competition Committee, International Symposium on Minority Health and Health Disparities, NIMHD*
 2013-14 *Abstract Committee, International Symposium on Minority Health and Health Disparities, NIMHD*
 2012-16 *Study Section Member, Psychosocial Risk and Disease Prevention Study Section, National Institutes of Health*
 2011 *Ad Hoc Grant Reviewer, National Institute on Minority Health and Health Disparities, National Institutes of Health*
 2010-12 *Ad Hoc Grant Reviewer, Psychosocial Risk and Disease Prevention Study Section, National Institutes of Health*
 2010 *Abstract Reviewer, American Public Health Association Conference*
 2008-11 *Abstract Reviewer, Society for Behavioral Medicine Conference*
 2009 *Grant Reviewer, Pennsylvania State Health Department*
 2006- *Manuscript Reviewer, American Journal of Preventive Medicine*
 2005-09 *Manuscript Reviewer, Preventive Medicine*

2004-05	<i>Faculty Advisor to Associate Editor, The Journal Of Young Investigators</i>
2003	<i>Manuscript Reviewer, Journal of the National Medical Association</i>
2004	<i>Manuscript Reviewer, Expert Opinion on Pharmacotherapy</i>
2004	<i>Abstract Reviewer, Society for Behavioral Medicine Conference</i>
2002	<i>Grant Reviewer, Pennsylvania State Health Department</i>
2002	<i>Manuscript Reviewer, Journal of Health Care for the Poor and Underserved</i>
2001	<i>Abstract Reviewer, 16th National Conference on Chronic Disease Prevention and Control, Atlanta, GA</i>
2001	<i>Manuscript Reviewer, Annals of Internal Medicine</i>
2001-02	<i>Grant Reviewer, Johnson & Johnson Health Care Program</i>
2000	<i>Abstract Reviewer, American Psychological Association's Women's Health Conference</i>
2000	<i>Manuscript Reviewer, Ethnicity & Disease Journal</i>

B. Institutional:

Jan 2013-	<i>Member, Institutional Review Board-Social and Behavioral Board</i>
Aug 2012-	<i>Member, CVRI Leadership Team</i>
July 2012-2013	<i>Member, CHPM Research Advisory Council</i>
Aug 2010-	<i>Member, MSM Research Development Committee</i>
Aug 2009-12	<i>Chair, MSM Library Committee</i>
Aug 2007-10	<i>Member, SAPC Committee</i>
Aug 2007-10	<i>Member, MPH Curriculum Committee</i>
Aug 2007-10	<i>Member, MPH Research Committee</i>
June 2007	<i>Invited Speaker, MSM Science of Disease Seminar, Title: "Can a 'DIVA' 'FIGHT' Progression to CVD/DM II?"</i>
Aug 2006-9	<i>Member, MSM Library Committee</i>
Sept 2004-05	<i>Chairperson, MPH Thesis Committee</i>
2002	<i>Focus Group Consultant, MSM/Grady Hospital Immunization Project</i>
Sept 2001-03	<i>Member, MSM Women's Health Initiative Committee</i>
Sept 2000-01	<i>Member, MPH Thesis Committee</i>
Aug 1994-95	<i>Sign Language Interpreter, Howard University, Washington, DC.</i>

C. Community or Public Service:

2017-	<i>Griffin School Council Member, Griffin Middle School, Smyrna, GA</i>
2015-17	<i>PTSA Vice-President, Griffin Middle School, Smyrna, GA</i>
2011-13	<i>Member, Health Advisory Committee, Booker T. Washington High School, Atlanta, GA</i>
2006-2016	<i>PTA Volunteer, Nickajack Elementary School, Smyrna, GA</i>
2002-	<i>Sign Language Interpreter, Elizabeth Baptist Church, Atlanta, GA</i>
2004-5	<i>Member, Health Committee, Concerned Black Clergy of Atlanta</i>

Teaching Activities

A. Courses/Clerkships/ Programs

Spring 2016	<i>Lecturer, Integrated Biomedical Sciences-Cardiovascular, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA</i>
Spring 2015	<i>Lecturer, Faculty Development Grant Writing Course, Morehouse School of Medicine, Atlanta, GA</i>
Spring 2014-present	<i>Lecturer, Molecular Mechanisms in Cardiovascular Science, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA</i>
Fall 2013-present	<i>MSM Course Director, Community Engagement and Health Disparities in Clinical and Translational Research Course, MSCR Program, ACTSI/CERP Joint Morehouse School of Medicine, Emory University, & Georgia Institute of Technology Course, Atlanta, GA</i>
Spring 2013-15	<i>Lecturer, Integrated Biomedical Sciences-Cardiovascular, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA</i>
August 2010	<i>Lecturer, Family History Course, Centers for Disease Control and Prevention, Atlanta, GA</i>
Fall 2007-09	<i>Course Director, Social & Behavioral Aspects of Public Health, MPH Program, Morehouse School of Medicine, Atlanta, GA</i>
Fall 2001-02	<i>Instructor, General Psychology Laboratory, Spelman College, Atlanta, GA.</i>
Summer 2002	<i>Instructor, Math & Science Summer Program, Cardiovascular Disease & Epidemiology, Morehouse College, Atlanta, GA</i>
Fall 1992-1994	<i>Lecturer, ADAMHA-MARC/COR Honors Research Training Program, Department of Psychology, Howard University, Washington, DC.</i>
Fall 1993	<i>Graduate Teaching Assistant, Research Methods & Statistics, Department of Psychology, Howard University, Washington, DC.</i>

B. Advising/Mentoring/Tutoring:

Summer 2016	<i>Practicum Mentor, MPH Student: Alexandria Hurt Morehouse School of Medicine, Atlanta, GA</i>
Summer 2016	<i>Practicum Mentor, MPH Student: Matthew McCurdy Emory University, Atlanta, GA</i>
Summer 2016	<i>Research Mentor, IMHOTEP Student: Lauren Ahart University of Tampa, Tampa, FL</i>
Spring 2015-16	<i>Research Supervisor, MPH Student: Contessa Davis, Morehouse School of Medicine, Atlanta, GA</i>
Spring 2015-16	<i>Research Mentor/Thesis Chairperson, MPH Student: Candace McCloud, Morehouse School of Medicine, Atlanta, GA</i>
Summer 2014	<i>Research Mentor, Medical Student: Ezinne Nwankwo, Morehouse School of Medicine, Atlanta, GA</i>
Summer 2014	<i>Research Mentor, Medical Student: Irene Gamra, Morehouse School of Medicine, Atlanta, GA</i>
Spring 2014-15	<i>Research Mentor, MPH Student: Serena Robinson, Morehouse School of Medicine, Atlanta, GA</i>
Summer 2012-13	<i>Research Mentor/Thesis Chairperson, MPH Student: Anika Wallace,</i>

Summer 2012 Morehouse School of Medicine, Atlanta, GA
Research Mentor, IMHOTEP Student: Patrick Grant,
 University of Maryland, College Park, MD

Summer 2012 *Research Mentor*, MD Student: Chelsea Marion,
 Morehouse School of Medicine, Atlanta, GA

Summer 2011-12 *Research Mentor/Thesis Chairperson*, MPH Student: Monique Eppinger,
 Morehouse School of Medicine, Atlanta, GA

Summer 2011 *Research Mentor*, MPH Student: Akisha Joseph,
 Morehouse School of Medicine, Atlanta, GA

Summer 2011 *Research Mentor*, IMHOTEP Student: Onyinye Edeh,
 Agnes Scott College, Decatur, GA

Summer 2011 *Research Mentor*, IMHOTEP Student: Florence Kanu,
 Vanderbilt University, Nashville, TN

Fall 2009-10 *Research Mentor/Thesis Chairperson*, MPH Student: Carlos Chapman,
 Morehouse School of Medicine, Atlanta, GA

Fall 2009-10 *Research Mentor/Thesis Chairperson*, MPH Student: Kristin Major,
 Morehouse School of Medicine, Atlanta, GA

Fall 2009-10 *Research Mentor/Thesis Chairperson*, MPH Student: Mina Rasheed,
 Morehouse School of Medicine, Atlanta, GA

Fall 2008-9 *Research Mentor/Thesis Chairperson*, MPH Student: Gia Hall,
 Morehouse School of Medicine, Atlanta, GA

Fall 2008-9 *Research Mentor/Thesis Chairperson*, MPH Student: Marcus Dumas,
 Morehouse School of Medicine, Atlanta, GA

Spring 2008-9 *Research Mentor*, Each One Teach One Project. MPH Students: Marcus
 Dumas, Kristin Major, Nythea Tolbert, and Vincent Walford.
 Morehouse School of Medicine, Atlanta, GA

May 2006-7 *Research Mentor*, Minority Access to Research Careers/U*STAR: Ronald
 Goodwin, Morehouse College, Atlanta, GA

May 2004-5 *Research Mentor/Thesis Chairperson*, Minority Biomedical Research
 Support Program: Marissa Hamm, Morehouse School of Medicine,
 Atlanta, GA

Jan 2004-5 *Research Mentor*, Minority Biomedical Research Support Program: Lidia
 Quinones, Spelman College, Atlanta, GA

Fall 2003-5 *Research Mentor*, Minority Access to Research Careers/U*STAR: Dustin
 Duncan, Morehouse College, Atlanta, GA

Summer 2004 *Research Mentor*, MSM Public Health Summer Program Student: Dwayne
 Myal
 University of Wisconsin, Madison, WI

Summer 2004 *Research Mentor*, MSM Public Health Summer Program: Brandi Jessemy
 MPH Student, Morehouse School of Medicine, Atlanta, GA

Summer 2004 *Research Mentor*, MPH Summer Externship Student: Iris Joi Hudson
 University of Michigan, Ann Arbor, MI

Fall 2001-3 *Research Mentor*, Minority Biomedical Research Support Program
 Student: Rachel Bryant, Spelman College, Atlanta GA.

Fall 2001-2 *Research Mentor*, , Undergraduate Research Student: LaKeisha Germany
 Clark Atlanta University, Atlanta, GA

C. Educational Materials:

- 2009-2010 Developed MPH Public Health Leadership Blackboard System
 2009-2010 Initiated & Implemented MPH Thesis Schedule Guidance
 1993-95 Initiated & aided in the development of the 1st Graduate Student Handbook, Howard University, Washington, DC
 1993-94 Assisted in design and development of power analysis software that would aid researchers in determining sample size necessary for research, Howard University, Washington, DC

Clinical Activities**C. Health Care Education in the Community**

- October 2011 *Invited Speaker*, Georgia Avenue Community Co-Op, Atlanta, GA
 June 2005 *Invited Speaker*, Harvard University School of Public Health, Boston, MA
 February 2005 *Invited Speaker*, Therrell High School, Atlanta, GA.
 January 2005 *Invited Speaker*, Hambrick Elementary School PTA, Atlanta, GA.
 January 2005 *Invited Speaker*, Avondale High School PTA, Atlanta, GA.
 February 2004 *Invited Speaker*, Association of Black Cardiologists, Mt. Zion Baptist Church, Atlanta, GA.
 November 2002 *Invited Speaker*, Association of Black Psychologists, Atlanta Chapter Atlanta, GA.
 April 2001 *Keynote Speaker*, Psychology Research Symposium, Atlanta University Center, Atlanta, GA.
 April 2001 *Seminar Speaker*, DeKalb Technical College, Atlanta, GA.
 February 2001 *Invited Speaker*, Mt. Calvary Baptist Church, Atlanta, GA.
 Winter 2000 *Seminar Speaker*, Stanford Center for Research in Disease Prevention, Stanford University School of Medicine, Palo Alto, CA
 Fall 1999 *Invited Speaker*, ADAMHA-MARC/COR Honors Research Training Program, Department of Psychology, Morgan State University, Baltimore, MD
 Spring 1998 *Invited Speaker*, Psi Chi National Honor Society, Morgan State University, Baltimore, MD.

Scholarship and Research**A. Research Grants**

- National Institute of General Medical Sciences (NIH)
 National Research Mentoring Network for a Diverse Biomedical Workforce
 September 26, 2014 – June 30, 2019
 Role: Collaborator (Burgess, PI)

- Centers for Disease Control and Prevention (CDC)
 Health Promotion and Disease Prevention Center
 SIP: Adapting Evidence-Based Epilepsy Self-Management Programs to Blacks in Georgia
 September 30, 2014 – September 29, 2019

Total Costs: \$1,250,000
Role on Project: Principal Investigator

National Heart, Lung, and Blood Institute (NIH)
Morehouse Cardiovascular Research Center of Excellence (P50)
April 01, 2013 – March 31, 2018
Total Costs: \$6,721,250
Role on Project: Co-Investigator (PI: Sandra Harris-Hooker, PhD)

National Institute of Minority Health and Health Disparities (NIH)
NIMHD Exploratory Centers of Excellence (P20)
August 17, 2012-February 28, 2017
Total Costs: \$6,721,249
Role on Project: Subproject Principal Investigator (PI: Ronald L. Braithwaite, PhD)

National Institute on Minority Health and Health Disparities (NIH)
Minority Health Genomics and Translational Research Bio-Repository Database Network (MH-GRID Network): A Genomics Resource for Health Disparity Research
October 1, 2010 – September 30, 2013
Total Costs: \$13,320,021
Role on Project: Principal Investigator

R-CENTER (NIH)
Small Grant Award: Community Youth Mapping
March 1, 2011 – June 30, 2011
Total costs: \$25,000
Role on Project: Sub-Project PI (PI: Gary Gibbons, MD)

R-CENTER (NIH)
Small Grant Award: Assessing Educational Barriers and Health Status In Atlanta's Neighborhood Promise Zone
March 1, 2011 – June 30, 2011
Total costs: \$42,500
Role on Project: Sub-Project Co-PI (PI: Gary Gibbons, MD)

R-CENTER (NIH)
Small Grant Award: Healthy Social Context within Atlanta Neighborhoods (Healthy SCAN) to Prevent Childhood Obesity
March 1, 2011 – June 30, 2011
Total costs: \$50,000
Role on Project: Sub-Project Co-Investigator (PI: Gary Gibbons, MD)

National Cancer Institute, NIH
Developing and Implementing a Cancer Prevention and Control Research Curriculum
July 1, 2010 – June 30, 2015
Role on Project: Co-Investigator (PI: Lee Caplan, PhD)

US DHHS, Office of Minority Health
Health Professional Development-OMH Cooperative Agreement
July 1, 2006 – March 31, 2011
Total Costs: \$6,620,010
Role on Project: Collaborator (PI: Elvan Daniels, MD)

Center of Clinical Research Excellence (NIH)
Families Implementing Good Health Traditions Against Metabolic Diseases
July 1, 2008 – June 30, 2010
Total costs: \$270,000
Role on Project: Subproject Principal Investigator (PI: Gary Gibbons, MD)

University of Kentucky (HHS)
Each One Teach One
August 1, 2008 – March 30, 2010
Total Costs: \$50,000
Role: Principal Investigator

National Institute for Neurological Disorders and Stroke, NIH
1 U54 NS046798-01
Pilot Project: Families Implementing Good Health Traditions for Life
July 1, 2003 – December 31, 2005
Total costs: \$173,252
Role on Project: Pilot Project PI (PI: Peter MacLeish, PhD)

National Heart, Lung & Blood Institute, NIH
5 K01 HL070447-02
K01 Career Development Award: Families Implementing Good Health Traditions for Life
April 15, 2002 – June 30, 2008
Total costs: \$608,051
Role: Principal Investigator

Centers for Disease Control and Prevention
U50/CCU300860-TS0724
Multiple CVD Risk Reduction in Adult African-Americans: A Pilot Study
October 1, 2001 – September 30, 2003
Total costs: \$410,038
Role in project: Co-Investigator (PI: Sharon K. Davis, PhD)

Centers for Disease Control and Prevention
Stress Management and Pregnancy Outcomes in Black Women
October 1, 2001 – September 30, 2004
Total costs: \$742,595
Role in project: Collaborator (PI: Wendy Nembhard, PhD)

Centers for Disease Control and Prevention

U48/CCU415794

The Impact of Race-Related Stress and Coping on Cardiovascular Disease

September 30, 1999 – September 29, 2001

Total costs: \$200,000

Role in project: Project Director (PI: Sharon K. Davis, PhD)

Stanford University School of Medicine

Katherine McCormick Fund for Women Travel Grant

July 1999 – June 2000

Total Costs: \$2000

Role: Principal Investigator

B. Publications - Articles

Morris-Prather, C. E., Harrell, J. P., **Collins, R.**, Leonard, K., Boss, M. and Lee, J. "Gender Differences in Mood Physiological Responses toward Socially Stressful Stimuli." Journal of Ethnicity and Disease. 6:123-131, 1996. PMID: 8882841

Behera, S.K., Winkleby, M. & **Collins, R.** Cardiovascular Risk as Perceived by Low Income African Americans: A focus Group Study. American Journal of Health Promotion. 14:301-305, 2000. PMID: 11009856

Publications Since Appointment to MSM

Atienza, A., **Collins, R.**, King, A.C. The Mediating Effects of Situational Control on Social Support and Mood Following a Stressor: A Prospective Study of Dementia Caregivers in Their Natural Environments. Journal of Gerontology: Social Sciences, 56:S129-S139, 2001. PMID: 11316838

King, A.C., Atienza, A., Castro, C., **Collins, R.** (2002). Physiological and Affective Responses to Family Caregiving in the Natural Setting in Wives Versus Daughters. International Journal of Behavioral Medicine. 9:176-194, 2002. PMID: 12360836

Collins, R. & Winkleby, M. (2002) African Americans Subgroups at High and Low Risk for Hypertension: A Signal Detection Analysis of NHANES III, 1988-1991. Preventive Medicine. 35:303-312, 2002. PMID: 12453706

Collins, R., Lee, R.E., Albright, C.L., King, A.C. Ready to be Physically Active? The Effects of a Course Preparing Low Income Multiethnic Women to be More Physically Active. Health Education & Behavior. 31:47-64, 2004. PMID: 14768657

Din-Dzietham, R., Nembhard, W.N., **Collins, R.**, Davis, S.K. Perceived Stress Following Race-Based Discrimination At Work Is Associated With Hypertension in African Americans. The Metro Atlanta Heart Disease Study, 1999-2001. Social Science and Medicine. 58:449-461, 2004. PMID: 14652043

Duncan, D.T., **Quarells, R.C.**, Jones, D.J. Approaching Health Equity [letter to the editor]. Journal of the National Medical Association. 97:584-585, 2005. PMID: 15868781

Davis, S., Liu, Y., **Quarells, R.C.**, Din-Dzietham, R. Stress-related discrimination and hypertension likelihood in a population-based sample of African Americans: The Metro Atlanta Heart Disease Study. Ethnicity & Disease. 15:585-593, 2005. PMID: 16259480

Duncan, D., **Quarells, R.C.**, Din-Dzietham, R., Arroyo, C., Davis, S.K. (2006). Physical Activity and Incident Hypertension Among Blacks: No Relationship? [letter to editor]. *Preventing Chronic Disease* [serial online]2006 Jul [date cited]. Available from: URL: http://www.cdc.gov/pcd/issues/2006/jul/05_0197.htm. PMID: 16776870

Quarells, R.C., Liu, J., and Davis, S.K. Social Determinants of Cardiovascular Disease Risk Factor Presence Among Rural and Urban Black and White Men. Journal of Men's Health. 9(2):120–126, 2012. PMID: 22902779

Davis, S.K., **Quarells, R.C.**, Gibbons, G. A comprehensive cardiovascular disease lifestyle treatment controlled trial among high-risk African Americans. Open Journal of Preventive Medicine. 3(9):526-533, 2013. PMID: 24955290

Davis, S.K., Gebreab, S., **Quarells, R.** and Gibbons, G.H. Social Determinants of Cardiovascular Health Among Black and White Women Residing in Stroke Belt and Buckle Regions of the South. Ethnicity & Disease. 24, 133-143, 2014. PMID: 24804357

Naik, R.P., Derebail, V.K., Grams, M.E., Franceschini, N., Auer, P.L., Peloso, G.M., Young, B.A., Lettre, G., Peralta, C.A., Katz, R., Hyacinth, H.I., **Quarells, R.C.**, Grove, M.L., Bick, A.G., Fontanillas, P., Rich, S.S., Smith, J.D., Boerwinkle, E., Rosamond, W.D., Ito, K., Lanzkron, S., Coresh, J., Correa, A., Sarto, G.E., Key, N.S., Jacobs, D.R., Kathiresan, S., Bibbins-Domingo, K., Kshirsagar, A.V., Wilson, J.G., Reiner, A.P. Association of Sickle Cell Trait With Chronic Kidney Disease and Albuminuria in African Americans. Journal of the American Medical Association. 312(20):2115-2125, 2014. PMID: 25393378

Horbal, SR, Seffens, W., Davis, A.R., Gibbons, G.H., **Quarells, RC**, Bidulescu, A. Associations of apelin, visfatin, and urinary 8-isoprostane with severe hypertension in African Americans: the MH-GRID Study. American Journal of Hypertension. 2016:Jul;29(7):814-20. PMID: 26869250.

Gebreab, S.Y., Riestra, P., Gay, A., Khan, R., Xu, R., Davis, A., **Quarells, R.**, Davis, S., Gibbons, G. Perceptions of neighborhood environment are associated with shorter telomere length in African American women. Psychoneuroendocrinology. 2015:69:90-97.

Peloso, G.M., Lange, L.A., Varga, T.V., Nickerson, D.A., Smith, J.D., Griswold, M.E., Musani, S., Polfus, L.M., Mei, H., Gabriel, S., **Quarells, R.C.**, Altshuler, D., Boerwinkle, E., Daly, M.J., Neale, B., Correa, A., Reiner, A.P., Wilson, J.G., Kathiresan, S. Association of Exome Sequences With Cardiovascular Traits Among Blacks in the Jackson Heart Study. Circulation: CV Genetics. 2016:9(4):368-74.

Hunter-Jones J., Nellum A., Olorundare E., McCloud C., McCurdy M., McGee R., Davis C., Thompson N.J., and **Quarells R.C.** Assessing the cultural appropriateness of UPLIFT for African Americans with epilepsy: A community engaged approach. Journal of the Georgia Public Health Association. 2016;6(1):60-69.

Sajatovic, M., Jobst, B. C., Shegog, R., Bamps, Y. A., Begley, C. E., Fraser, R. T., Johnson, E. K., Pandey, D. K., **Quarells, R. C.**, Scal, P., Spruill, T. M., Thompson, N. J., Kobau, R. The Managing Epilepsy Well (MEW) Network: Advancing Self-Management Research and Dissemination to Reduce the Burden of Epilepsy. American Journal of Preventive Medicine 2017;52(3S3):S241–S245.

Riestra, P., Gebreab, S.Y., Xu, R., Khan, R.J., **Quarells, R.C.**, Gibbons, G.H., Davis, S.K. Obstructive Sleep Apnea Risk and Leukocyte Telomere Length in African Americans from the MH-GRID Study. Sleep Breathing journal. 2017:1-7.

Haynes, V.E., Wong, L., Royal, C.D., Fullerton, S.M., Harvey, M., **Quarells, R.C.** Perspectives of African Americans on participation in genomic studies and data sharing: The MH-GRID Study. Journal of Community Health. 2017 (submitted).

Davis, S.K., Xu, R., Gaye, A. Gebreab, S.Y., Khan, R.J., Riestra, P., Gibbons, A., **Quarells, R.C.**, Gibbons, G.H. Longer telomere length is associated with uncontrolled hypertension among African Americans: The MH-GRID Study. American Journal of Hypertension. 2016 (submitted).

Gaye, A., Gibbons, G.H., Barry, C., **Quarells, R.C.**, Davis, S.K. Influence of Socioeconomic Status on the Whole Blood Transcriptome in African Americans. Proceedings of the National Academy of Science. 2017 (submitted)

Book Chapters

Baltrus PT, Daniels EC, Mack DH, **Quarells RC.** (2013). “Trends in physical activity in the U.S. before and during the current financial crisis.” In G. T. Papanikos (Ed.), Physical education and learning: An introduction. Athens, Greece: ATINER (pp. 13-24).

Davis SK, **Quarells RC**, Gibbons GH. (2009) “Hypertension in African American Communities.” In Ronald Braithwaite, Sandra E. Taylor and Henrie Treadwell (Eds.), Health Issues in the Black Community. San Francisco, CA: Jossey-Bass (pp. 233-258).

Publications - Newsletter

Morris, C. E., **Collins, R.**, Boss, M. A., Gilbert, L., Jeffries, K. and Harrell, J. "The Effect of Racially Noxious and Neutral Vignettes: Dimensions of Mood, Personality and Physiological Responsivity." Psych Discourse. 23(8):10, 1992.

Presentations

“Commonalities Among Marginalized Subgroups of People with Epilepsy.” Demetrius Geiger, Ashley Tolbert, Robin McGee, Martha Sajatovic, Kendra Hearn, Peter Scal, Tanya Spruill,

Nancy J. Thompson, **Rakale C. Quarells**. [*Poster Presentation*, 2017 American Epilepsy Society's Annual Meeting, December 4, 2017. Washington, DC.]

“Evaluation of Recruitment Strategies Used in Epilepsy Research: A Systematic Literature Review.” Ashley Tolbert, Demetrius Geiger, Robin McGee, Nancy J. Thompson, **Rakale C. Quarells**. [*Poster Presentation*, 2017 American Epilepsy Society's Annual Meeting, December 4, 2017. Washington, DC.]

“CTSA-RCMI Interdisciplinary Exchange And Genetic Research.” Ivelisse Rivera; Denisse Vega-Ocasio; Jonathan Riel; Jose E. Guerrero-Bravo; Joshua M. Astern; Shawn P. Murphy; Carmen M. Velez-Vega; Men-jean Lee; **Rakale C. Quarells**, Timothy D.V. Dye. [*Poster Presentation*, RCMI Translational Science 2017 Conference, November 2017, Washington, DC.]

“Incorporating Community Engagement into a Clinical Research Study – Lessons Learned from a Study of the Determinants and Consequences of Secondhand Smoke Exposure in African American Children” Elizabeth I. Olorundare, April Nellum, Lauren Ahart, Kendra Hearn, Marilyn Foreman, Beatrice Gee*, LeRoy Reese, **Rakale C. Quarells**. [*Poster Presentation*, Southeastern Pediatric Research Conference, June 2017, Atlanta, GA.]

“Examining Zip Code as an Income Indicator in Gentrified Atlanta.” Kendra Hearn, Lauren Ahart, April Nellum, Elizabeth Olorundare, Demetrius Geiger, **Rakale Quarells**. [*Recipient of the John Ruffin Student Investigator Award*, Xavier University of Louisiana College of Pharmacy 10th Health Disparities Conference, March 2017, New Orleans, LA.]

“You were [just] in a little funk: A qualitative exploration of stress, stigma, and depression as experienced by African Americans living with seizure disorder/epilepsy in Georgia.” Josalin Hunter-Jones, April L. Nellum, Robin E. McGee, Elizabeth I. Olorundare, Candace McCloud, Contessa Davis, **Rakale C. Quarells**, Nancy J. Thompson. [*Poster Presentation*, Xavier University of Louisiana College of Pharmacy 10th Health Disparities Conference, March 2017, New Orleans, LA.]

“Using Cognitive Interviews to Adapt an Epilepsy Self-Management Instrument for African Americans.” Elizabeth I. Olorundare, April L. Nellum, Candace McCloud, Robin E. McGee, Josalin Hunter-Jones, Nancy J. Thompson, **Rakale C. Quarells**, Cam Escoffery. [*Poster Presentation*, Xavier University of Louisiana College of Pharmacy 10th Health Disparities Conference, March 2017, New Orleans, LA.]

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"Socioeconomic Status and its Affect on Respiratory Disease in Children." Serena N. Robinson, Venice E. Haynes, Ezinne C. Nwankwo, Irene O. Gamra, Beatrice E. Gee, Marilyn G. Foreman, **Rakale C. Quarells**. [*Poster Presentation*, National Institute on Minority Health and Health Disparities Grantees' Conference, Washington, DC, December 2014.]

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