

# ***Rakale Collins Quarells, Ph.D.***

## **Personal Information**

Professional address: NCPC - 318B  
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## **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**

Feb 2018 – present	<i>Adjunct Associate Professor of Behavioral Sciences and Health Education, Rollins School of Public Health, Emory University, Atlanta, GA</i>
Aug 2012 – present	<i>Associate Professor of Community Health and Preventive Medicine, Cardiovascular Research Institute, Morehouse School of Medicine, Atlanta, GA</i>

- 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**

- Jan 2021 - *Associate Director, Prevention Research Center, Morehouse School of Medicine, Atlanta, GA*
- Aug 2012 - Dec 2020 *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
- 1999-2000 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
2016-17	MSM MSCR Faculty Teaching Award

### **Professional Societies**

American Public Health Association  
Society for Behavioral Medicine  
American Epilepsy Society

### **Professional Service**

#### **A. Extramural:**

##### **1. Local**

2019-present	<i>Member</i> , Professional Advisory Board, Epilepsy Foundation of Georgia, Atlanta, GA
2017	<i>Panel Member</i> , The Immortal Life of Henrietta Lacks Movie Screening and Panel Discussion, Morehouse School of Medicine, Atlanta, GA
2015	<i>Panel Member</i> , Racial Justice and Health Training in a Professional Context, YWCA and Emory University, Atlanta, GA
2012	<i>Abstract Reviewer</i> , Poster Session, Daniel Blumenthal Public Health Summit
2004	<i>Abstract Reviewer</i> , Student Poster Session, Southeastern Psychological Association Conference
2002	<i>Abstract Reviewer</i> , Student Poster Session, Southeastern Psychological Association Conference
2000-02	<i>Vice-President</i> , Association of Black Psychologists (Atlanta Chapter)

##### **2. National**

2021	<i>Manuscript Reviewer</i> , Epilepsy & Behavior
2021	<i>Invited Speaker</i> , Seizure Recognition and First Aid Certification - National Minority Mental Health Month, Epilepsy Foundation of America
2021	<i>Bias Awareness Working Group Member</i> , Center for Scientific Review, National Institutes of Health
2020	<i>Facilitator</i> , Seizure Recognition and First Aid Certification, Epilepsy Foundation of America
2017-present	<i>Ad Hoc Grant Reviewer</i> , NIH Peer Review Committee: Special Emphasis Panel, Fellowships: Risks, Prevention and Health Behavior, Center for Scientific Review, National Institutes of Health
2019	<i>Expert Grant Reviewer</i> , Research-Tested Intervention Programs, National Cancer Institute
2018	<i>Ad Hoc Grant Reviewer</i> , SBIR/STTR – Disease Prevention and Management, Risk Reduction and Health Behavior Change, Center for Scientific Review, National Institutes of Health
2017	<i>Expert Grant Reviewer</i> , Geographic Management of Cancer Health Disparities (GMaP) Program

2017	<i>Grant Reviewer</i> , Research-Tested Intervention Programs, National Cancer Institute
2016-17	<i>SBM Champion</i> , Society of Behavioral Medicine
2013-14	<i>Student Abstract Competition Committee</i> , International Symposium on Minority Health and Health Disparities, NIMHD
2013-14	<i>Abstract Committee</i> , International Symposium on Minority Health and Health Disparities, NIMHD
2012-16	<i>Study Section Member</i> , Psychosocial Risk and Disease Prevention Study Section, National Institutes of Health
2011	<i>Ad Hoc Grant Reviewer</i> , National Institute on Minority Health and Health Disparities, National Institutes of Health
2010-12	<i>Ad Hoc Grant Reviewer</i> , Psychosocial Risk and Disease Prevention Study Section, National Institutes of Health
2010	<i>Abstract Reviewer</i> , American Public Health Association Conference
2008-11	<i>Abstract Reviewer</i> , Society for Behavioral Medicine Conference
2009	<i>Grant Reviewer</i> , Pennsylvania State Health Department
2006	<i>Manuscript Reviewer</i> , American Journal of Preventive Medicine
2005-09	<i>Manuscript Reviewer</i> , Preventive Medicine
2004-05	<i>Faculty Advisor to Associate Editor</i> , The Journal of Young Investigators
2003	<i>Manuscript Reviewer</i> , Journal of the National Medical Association
2004	<i>Manuscript Reviewer</i> , Expert Opinion on Pharmacotherapy
2004	<i>Abstract Reviewer</i> , Society for Behavioral Medicine Conference
2002	<i>Grant Reviewer</i> , Pennsylvania State Health Department
2002	<i>Manuscript Reviewer</i> , Journal of Health Care for the Poor and Underserved
2001	<i>Abstract Reviewer</i> , 16th National Conference on Chronic Disease Prevention and Control, Atlanta, GA
2001	<i>Manuscript Reviewer</i> , Annals of Internal Medicine
2001-02	<i>Grant Reviewer</i> , Johnson & Johnson Health Care Program
2000	<i>Abstract Reviewer</i> , American Psychological Association's Women's Health Conference
2000	<i>Manuscript Reviewer</i> , Ethnicity & Disease Journal

### **B. Institutional:**

2018	<i>Member</i> , Daniel Blumenthal Public Health Summit, Abstract Committee, Morehouse School of Medicine
2017-2019	<i>Faculty Representative</i> , Academic Affairs Committee, Morehouse School of Medicine Board of Trustees
2017-present	<i>Chair</i> , CHPM Strategic Plan – Vision I Imperative Committee, Morehouse School of Medicine
2013-present	<i>Member</i> , Institutional Review Board-Social and Behavioral Board, Morehouse School of Medicine
2012-2020	<i>Member</i> , CVRI Leadership Team, Morehouse School of Medicine
2012-2013	<i>Member</i> , CHPM Research Advisory Council, Morehouse School of Medicine

2010-17	<i>Member, MSM Research Development Committee, Morehouse School of Medicine</i>
2009-12	<i>Chair, MSM Library Committee, Morehouse School of Medicine</i>
2007-10	<i>Member, MPH SAPC Committee, Morehouse School of Medicine</i>
2007-10	<i>Member, MPH Curriculum Committee, Morehouse School of Medicine</i>
2007-10	<i>Member, MPH Research Committee, Morehouse School of Medicine</i>
2007	<i>Invited Speaker, MSM Science of Disease Seminar, Title: "Can a 'DIVA' 'FIGHT' Progression to CVD/DM II?" Morehouse School of Medicine</i>
2006-9	<i>Member, MSM Library Committee, Morehouse School of Medicine</i>
2002	<i>Focus Group Consultant, MSM/Grady Hospital Immunization Project, Morehouse School of Medicine</i>
2001-03	<i>Member, MSM Women's Health Initiative Committee, Morehouse School of Medicine</i>
1994-95	<i>Sign Language Interpreter, Howard University, Washington, DC.</i>

### **C. Community or Public Service:**

2021	<i>Member, Principal Advisory Council, Campbell High School, Smyrna, GA</i>
2020-21	<i>Member, Counseling Advisory Council, Campbell High School, Smyrna, GA</i>
2018-20	<i>PTSA Vice-President, Campbell High School, Smyrna, GA</i>
2017-19	<i>Chair, GMS School Council, Griffin Middle School, Smyrna, GA</i>
2015-17	<i>PTSA Vice-President, Griffin Middle School, Smyrna, GA</i>
2015-19	<i>Chair, GMS Food Pantry Committee, 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>
2004-5	<i>Member, Health Committee, Concerned Black Clergy of Atlanta</i>
2002-present	<i>Sign Language Interpreter, Elizabeth Baptist Church, Atlanta, GA</i>

### **Teaching Activities**

#### **A. Courses/Clerkships/ Programs**

Feb 2021	<i>Lecturer, Topic: Goals, Objectives, &amp; Specific Aims. GA-CTSA Community Grant Writing Academy (Virtual). Atlanta, GA.</i>
Feb 2021	<i>Lecturer, Topic: Grant Review Criteria. GA-CTSA Community Grant Writing Academy (Virtual). Atlanta, GA.</i>
Spring 2021	<i>Course Director, Integrated Biomedical Sciences-Cardiovascular, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA</i>
Mar 2021	<i>Lecturer, Topic: Public Health &amp; Community Engagement. Course: Molecular Mechanisms in Cardiovascular Science, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA</i>
Nov 2019	<i>Lecturer, Topic: Goals, Objectives, &amp; Specific Aims. 2019 GA-CTSA Community Grant Writing Retreat, Cordele, GA.</i>

Spring 2019-present	<i>Course Director</i> , Community Engagement and Health Disparities in Clinical and Translational Research Course, MSCR Program, GA-CTSA Joint Morehouse School of Medicine, Emory University, Georgia Institute of Technology, & University of Georgia Course, Atlanta, GA
Mar 2018	<i>Lecturer, Topic: Public Health &amp; Community Engagement</i> . Course: Molecular Mechanisms in Cardiovascular Science, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
Feb 2018	<i>Lecturer, Topic: Social Determinants of CVD</i> . Course: Integrated Biomedical Sciences-Cardiovascular, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
Mar 2017	<i>Lecturer, Topic: Public Health &amp; Community Engagement</i> . Course: Molecular Mechanisms in Cardiovascular Science, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
May 2016	<i>Lecturer</i> , Faculty Development Grant Writing Course, Morehouse School of Medicine, Atlanta, GA
Mar 2016	<i>Lecturer, Topic: Public Health &amp; Community Engagement</i> . Course: Molecular Mechanisms in Cardiovascular Science, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
Feb 2016	<i>Lecturer</i> , Integrated Biomedical Sciences-Cardiovascular, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
Mar 2015	<i>Lecturer</i> , Faculty Development Grant Writing Course, Morehouse School of Medicine, Atlanta, GA
Mar 2015	<i>Lecturer, Topic: Public Health &amp; Community Engagement</i> . Course: Molecular Mechanisms in Cardiovascular Science, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
Feb 2015	<i>Lecturer</i> , Integrated Biomedical Sciences-Cardiovascular, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
Mar 2014	<i>Lecturer, Topic: Public Health &amp; Community Engagement</i> . Course: Molecular Mechanisms in Cardiovascular Science, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
Feb 2014	<i>Lecturer</i> , Integrated Biomedical Sciences-Cardiovascular, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
Fall 2013-19	<i>MSM Course Director</i> , 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
Feb 2013	<i>Lecturer</i> , Integrated Biomedical Sciences-Cardiovascular, Graduate Education in Biomedical Sciences, Morehouse School of Medicine, Atlanta, GA
August 2010	<i>Lecturer</i> , Family History Course, Centers for Disease Control and Prevention, Atlanta, GA
Fall 2007-09	<i>Course Director</i> , Social & Behavioral Aspects of Public Health, MPH Program, Morehouse School of Medicine, Atlanta, GA

Fall 2001-02	<i>Instructor, General Psychology Laboratory, Spelman College, Atlanta, GA.</i>
Summer 2002	<i>Instructor, Math &amp; Science Summer Program, Cardiovascular Disease &amp; Epidemiology, Morehouse College, Atlanta, GA</i>
Fall 1993	<i>Graduate Teaching Assistant, Research Methods &amp; Statistics, Department of Psychology, Howard University, Washington, DC.</i>
Summer 1992-94	<i>Lecturer, ADAMHA-MARC/COR Honors Research Training Program, Department of Psychology, Howard University, Washington, DC.</i>

**B. Advising/Mentoring/Tutoring:**

Summer 2021	<i>Research Mentor, Medical Student: Chiagoziem Agu, Morehouse School of Medicine, Atlanta, GA</i>
Spring 2018-20	<i>Research Supervisor, MPH Student: Alexis Bell, Morehouse School of Medicine, Atlanta, GA</i>
Fall 2020-21	<i>Research Supervisor, Spelman College Student: Briyanna Philip, Morehouse School of Medicine, Atlanta, GA</i>
Fall 2020-21	<i>Research Mentor, AHA HBCU Scholar &amp; Spelman College Student: NaSiya Taylor, Morehouse School of Medicine, Atlanta, GA</i>
Summer 2020	<i>Research Mentor, Medical Student: Fadi Aziz, Morehouse School of Medicine, Atlanta, GA</i>
Summer 2020	<i>Research Mentor, Medical Student: Samantha Mitchell, Morehouse School of Medicine, Atlanta, GA</i>
Fall 2019-20	<i>Research Supervisor, Morehouse College Student: Miles Simms, Morehouse School of Medicine, Atlanta, GA</i>
Fall 2019-20	<i>Research Supervisor, Morehouse College Student: Brian Davis, Morehouse School of Medicine, Atlanta, GA</i>
Summer 2019	<i>Research Mentor, Medical Student: Suna Njie, Morehouse School of Medicine, Atlanta, GA</i>
Spring 2018-20	<i>Research Supervisor, MPH Student: Darryl Howard, Morehouse School of Medicine, Atlanta, GA</i>
Spring 2017-18	<i>Research Supervisor, MPH Student: Demetrius Geiger, Morehouse School of Medicine, Atlanta, GA</i>
Spring 2017	<i>Research Supervisor, MPH Student: Ashley Tolbert, Morehouse School of Medicine, Atlanta, GA</i>
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</i> , Medical Student: Irene Gamra, Morehouse School of Medicine, Atlanta, GA
Spring 2014-15	<i>Research Mentor</i> , MPH Student: Serena Robinson, Morehouse School of Medicine, Atlanta, GA
Summer 2012-13	<i>Research Mentor/Thesis Chairperson</i> , MPH Student: Anika Wallace, Morehouse School of Medicine, Atlanta, GA
Summer 2012	<i>Research Mentor</i> , IMHOTEP Student: Patrick Grant, University of Maryland, College Park, MD
Summer 2012	<i>Research Mentor</i> , MD Student: Chelsea Marion, Morehouse School of Medicine, Atlanta, GA
Summer 2011-12	<i>Research Mentor/Thesis Chairperson</i> , MPH Student: Monique Eppinger, Morehouse School of Medicine, Atlanta, GA
Summer 2011	<i>Research Mentor</i> , MPH Student: Akisha Joseph, Morehouse School of Medicine, Atlanta, GA
Summer 2011	<i>Research Mentor</i> , IMHOTEP Student: Onyinye Edeh, Agnes Scott College, Decatur, GA
Summer 2011	<i>Research Mentor</i> , IMHOTEP Student: Florence Kanu, Vanderbilt University, Nashville, TN
Fall 2009-10	<i>Research Mentor/Thesis Chairperson</i> , MPH Student: Carlos Chapman, Morehouse School of Medicine, Atlanta, GA
Fall 2009-10	<i>Research Mentor/Thesis Chairperson</i> , MPH Student: Kristin Major, Morehouse School of Medicine, Atlanta, GA
Fall 2009-10	<i>Research Mentor/Thesis Chairperson</i> , MPH Student: Mina Rasheed, Morehouse School of Medicine, Atlanta, GA
Fall 2008-9	<i>Research Mentor/Thesis Chairperson</i> , MPH Student: Gia Hall, Morehouse School of Medicine, Atlanta, GA
Fall 2008-9	<i>Research Mentor/Thesis Chairperson</i> , MPH Student: Marcus Dumas, Morehouse School of Medicine, Atlanta, GA
Spring 2008-9	<i>Research Mentor</i> , 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	<i>Research Mentor</i> , Minority Access to Research Careers/U*STAR: Ronald Goodwin, Morehouse College, Atlanta, GA
May 2004-5	<i>Research Mentor/Thesis Chairperson</i> , Minority Biomedical Research Support Program: Marissa Hamm, Morehouse School of Medicine, Atlanta, GA
Jan 2004-5	<i>Research Mentor</i> , Minority Biomedical Research Support Program: Lidia Quinones, Spelman College, Atlanta, GA
Fall 2003-5	<i>Research Mentor</i> , Minority Access to Research Careers/U*STAR: Dustin Duncan, Morehouse College, Atlanta, GA
Summer 2004	<i>Research Mentor</i> , MSM Public Health Summer Program Student: Dwayne Myal, University of Wisconsin, Madison, WI
Summer 2004	<i>Research Mentor</i> , MSM Public Health Summer Program: Brandi Jessemy MPH Student, Morehouse School of Medicine, Atlanta, GA
Summer 2004	<i>Research Mentor</i> , 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 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**

- July 2021        *Organizer*, Epilepsy Community Resource Series, Morehouse School of  
Medicine, Atlanta, GA
- May 2021        *Invited Speaker*, Fulton County & Alive & In Color Webinar: “Going  
Farther, Faster, By Faith: Creating Communities of Hope Through  
Vaccine Equity,” In Partnership with The Concerned Black Clergy Of  
Metropolitan Atlanta, Metro Atlanta Ministerial Alliance, & Morehouse  
School of Medicine, Atlanta, GA
- May 2021        *Organizer*, Epilepsy Community Resource Series, Morehouse School of  
Medicine, Atlanta, GA
- March 2021      *Speaker & Organizer*, Epilepsy Community Resource Series, Morehouse  
School of Medicine, Atlanta, GA
- January 2021    *Speaker & Organizer*, *Topic: Epilepsy 101*. Epilepsy Community  
Resource Series, Morehouse School of Medicine, Atlanta, GA
- September 2020 *Speaker & Organizer*, EFA Seizure Recognition and First Aid  
Certification, Morehouse School of Medicine, Atlanta, GA
- November 2019 *Invited Speaker*, Epilepsy Community Forum, Epilepsy Foundation of  
Georgia, Atlanta, GA
- September 2019 *Speaker & Organizer*, Epilepsy Community Resource Day, Atlanta, GA
- June 2019        *Invited Speaker*, Saint Timothy’s Episcopal Church, Atlanta, GA
- May 2019        *Invited Speaker*, Emory University Hospital Radiology Grand Rounds,  
Atlanta, GA
- March 2019      *Invited Speaker*, Skill Building Institute, Epilepsy Foundation of America,  
Atlanta, GA
- 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	<i>Invited Speaker</i> , Association of Black Cardiologists, Mt. Zion Baptist Church, Atlanta, GA.
November 2002	<i>Invited Speaker</i> , Association of Black Psychologists, Atlanta Chapter Atlanta, GA.
April 2001	<i>Keynote Speaker</i> , Psychology Research Symposium, Atlanta University Center, Atlanta, GA.
April 2001	<i>Seminar Speaker</i> , DeKalb Technical College, Atlanta, GA.
February 2001	<i>Invited Speaker</i> , Mt. Calvary Baptist Church, Atlanta, GA.
Winter 2000	<i>Seminar Speaker</i> , Stanford Center for Research in Disease Prevention, Stanford University School of Medicine, Palo Alto, CA
Fall 1999	<i>Invited Speaker</i> , ADAMHA-MARC/COR Honors Research Training Program, Department of Psychology, Morgan State University, Baltimore, MD
Spring 1998	<i>Invited Speaker</i> , Psi Chi National Honor Society, Morgan State University, Baltimore, MD.

### **Scholarship and Research**

#### **A. Research Grants**

NIH/National Institute of Diabetes and Digestive and Kidney Diseases  
1U01DK132737-01

An Adaptive Intervention Trial of Home Testing with Behavioral Nudges for Improving COVID-19 Testing and Prevention among People Affected by Diabetes

Total Costs (MSM): \$488,495

January 7, 2022 – December 31, 2023

NIH/National Institute of Diabetes and Digestive and Kidney Diseases  
P30DK111024-06W2

Impact of Community Health Worker Home Deployment on COVID-19 Vaccine Confidence and Uptake

August 31, 2021 – July 30, 2022

Total Costs (MSM): \$281,966

Role on Project: Project Lead/Site PI (PI: Narayan)

NIH/National Institute of Diabetes and Digestive and Kidney Diseases  
P30DK111024

Georgia Diabetes Translation Research Center (renewal)

July 1, 2021 – June 30, 2026

Total Costs: \$3,956,939

Role on Project: Co-Investigator (PI: Narayan)

CDC-Health Promotion and Disease Prevention Center  
6U48DP006411-02-01

Georgia Peers for Equity Against COVID-19 and for Health (Georgia PEACH)

May 30, 2021 – April 30, 2022

Total Costs: \$500,000

Role on Project: Co-Investigator (MPI: Akintobi/Holliday)

NIH/National Institute of Diabetes and Digestive and Kidney Diseases  
Rapid Optimization of COVID-19 Testing for People Affected by Diabetes  
P30DK111024-05S1

September 21, 2020 – July 31, 2022

Total Costs: \$4,981,085

Role on Project: Co-Investigator (PI: Narayan)

National Institutes of Health

1OT2HL156812-01/16-312-0217571-66105L

Community-Engagement Research Alliance Against COVID-19 in Disproportionately Affected  
Communities (CEAL) OTA-20 011B

September 1, 2020 – February 28, 2022

Total Costs: \$2,400,000

Role on Project: Co-Investigator (PI: Akintobi)

Georgia Diabetes Translation Research Center Pilot Program

Impact of COVID-19 on African American Adults with Diabetes and Heart Failure

September 1, 2020 – December 21, 2021

Total Costs: \$30,000

Role on Project: Pilot Principal Investigator

NIMHD/Hampton University Minority Men's Health Initiative Pilot Project Program

Addressing Co-Morbid Depression among African American Men with Heart Failure

April 01, 2019 – June 30, 2020

Total Costs: \$100,000

Role on Project: Principal Investigator

National Institutes of Health/NCATS

UL1TR002378

Georgia Clinical and Translational Science Alliance

September 22, 2017 – June 30, 2022

Total Costs: \$379,000

Role on Project: Collaborator (MPI: Taylor, Ofili, Phillips, & Garcia)

CDC - Health Promotion and Disease Prevention Center

U48 DP005042 (SIP014-007)

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

NIH/National Heart, Lung, and Blood Institute

P50 HL117929

Morehouse Cardiovascular Research Center of Excellence (P50)

April 01, 2013 – February 28, 2020  
Total Costs: \$6,721,250  
Role on Project: Co-Investigator (PI: Taylor)

National Institute of General Medical Sciences (NIH)  
U54 GM119023  
National Research Mentoring Network for a Diverse Biomedical Workforce  
September 26, 2014 – June 30, 2019  
Total Costs: \$394,730.00  
Role: Co-Investigator (PI: Burgess)

NIH/NIMHD Exploratory Centers of Excellence (P20)  
1 P20MD006881  
Determinants and Consequences of Second-hand Smoke Exposure in African American Children  
August 17, 2012-February 28, 2017  
Total Costs: \$1,239,618  
Role on Project: Subproject Principal Investigator (PI: Ronald L. Braithwaite, PhD)

NIH/National Institute on Minority Health and Health Disparities  
1 RC4 MD005964  
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

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

NIH/R-CENTER - 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: Project Co-PI (PI: Gary Gibbons, MD)

NIH/R-CENTER - 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: Project Co-Investigator (PI: Gary Gibbons, MD)

US DHHS, Office of Minority Health

1MPCMP0610110100  
 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)  
 1 U54 NS046798-01  
 Families Implementing Good Health Traditions Against Metabolic Diseases  
 July 1, 2008 – June 30, 2010  
 Total costs: \$270,000  
 Role on Project: Subproject PI (PI: Gary Gibbons, MD)

University of Kentucky (HHS) – Pilot Program  
 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

### **A1. Private Funding**

Greenwich Biosciences, Inc.

September 2021

Total Costs: \$2,500

Role: Principal Investigator

UCB

October 2021

Total Costs: \$1,500

Role: Principal Investigator

SK Life Science, Inc.

October 2021

Total Costs: \$2,500

Role: Principal Investigator

AOE

September 2021

Total Costs: \$500

Role: Principal Investigator

Supernus Pharmaceuticals, Inc.

September 2019

Total Costs: \$1,500

Role: Principal Investigator

Neuropace

October 2019

Total Costs: \$500

Role: Principal Investigator

Greenwich Biosciences, Inc.

September 2019

\$2,500

Role: Principal Investigator

UCB

October 2019

Total Costs: \$1,500

Role: Principal Investigator

PhRMA

November 2019

Total Costs: \$1,000

Role: Principal Investigator

### **B. Publications - Articles**

1. Escoffery, C., Patel, A., Haardoerfer, R., Bamps, Y., McGee, R., Geiger, D., Quarells, R.C., Thompson, N.J., Anderson, M., LaFrance, W.C. "Reduction of the Adult Epilepsy Self-Management Measure Instrument (AESMMI)." Epilepsy & Behavior. 131:108692-7, Part A, 2022.
2. O'Kula, S.S., Briggs, F.B.S., Brownrigg, B., Sarna, K., Rosales, O., Shegog, R., Fraser, R.T., Johnson, E.K., **Quarells, R.C.**, Friedman, D., Sajatovic, M., Spruill, T.M. "Depression and Suicidality Among Hispanics with Epilepsy: Findings From the Managing Epilepsy Well (MEW) Network Integrated Database." Epilepsy & Behavior. 125:108388-96, 2021. PMID: 34798558.
3. Weber, M. B., Hassan, S., **Quarells, R.**, & Shah, M. "Pandemic of Diabetes and Prediabetes: Prevention and Control." Endocrinology and Metabolism Clinics of North America. 50(3):387-400, 2021. PMID: 34399952.
4. Sajatovic, M., Wilson, B., Shegog, R., Briggs, F., Escoffery, C., Jobst, B.C. Johnson, E., Fraser, R. T., **Quarells, R. C.**, Spruill, T. M. "The Managing Epilepsy Well (MEW) Network Database: Lessons Learned in Refining and Implementing an Integrated Data Tool in Service of a National U.S. Research Collaborative?" Epilepsy & Behavior. 115:107650, 2021. PMID: 33421855.
5. Escoffery, C., Johnson, L., McGee, R., Olorundare, E.I, Geiger, D., **Quarells, R.C.**, Thompson, N.J. "Epilepsy Self-Management Behaviors Among African Americans with Epilepsy." Epilepsy & Behavior. 109:107098, 2020. PMID: 32376207.
6. Sajatovic, M., Johnson, E., Fraser, R. T., Cassidy, K.A., Liu, H., Pandey, D. K., **Quarells, R. C.**, Scal, P., Schmidt, S., Shegog, R., Spruill, T. M., Janevic, M. R., Tatsuoka, C., Jobst, B.C. "Epilepsy Self-management for Depression: Aggregate Managing Epilepsy Well Network Findings." Epilepsia. 60(9):1921-1931, 2019. PMID: 31486072.
7. **Quarells, R.C.**, Spruill, T.M., Escoffery, C., Shallcross, A., Montesdeoca, J., Diaz, L., Payano, L., & Thompson, N.J. "Depression Self-Management in People with Epilepsy:

- Adapting Project UPLIFT For Underserved Populations.” *Epilepsy & Behavior* 99:106422, 2019. PMID: 31371202.
8. McGee, R.E., Sajatovic, M., **Quarells, R.C.**, Johnson, E.K., Liu, H., Spruill, T.M., Fraser, R.T., Janevic, M., Escoffery, C., Thompson, N.J. “Depression and Quality of Life Among African Americans with Epilepsy: Findings From The Managing Epilepsy Well (MEW) Network Integrated Database. *Epilepsy & Behavior*. 94:301-306, 2019. PMID: 30975571
  9. Zhao, X., Geng, X., Srinivasasainagendra, V., Chaudhary, N., Judd, S., Wadley, V., Gutiérrez, O.M., Wang, H., Lange, E., Lange, L., Woo, D., Unverzagt, F., Safford, M., Cushman, M., Limdi, N., **Quarells, R.C.**, Arnett, D.K., Irvin, M.R., Zhi, D. “A PheWAS Study of a Large Observational Epidemiological Cohort of African Americans: The REGARDS Study.” *BMC Medical Genomics*. 12(Suppl 1):26, 2019. PMID: 30704471.
  10. 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.” *PLoS One*. 12(12):e0187290, 2017. PMID: 29206834.
  11. 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*. 21(3):751-757, 2017. PMID: 28083855.
  12. 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*. 52(3S3):S241–S245, 2017. PMID: 28215372.
  13. 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*. 6(1):60-69, 2016. doi: 10.21633/jgpha.6.105
  14. 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*. 9(4):368-74, 2016. PMID: 27422940.
  15. 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*. 69:90-97, 2016. PMID: 27070760.
  16. 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. 29(7):814-820, 2016. PMID: 26869250.
17. 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.
  18. 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.
  19. 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.
  20. **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.
  21. Duncan, D., **Quarells, R.C.**, Din-Dzietham, R., Arroyo, C., Davis, S.K. “Physical Activity and Incident Hypertension Among Blacks: No Relationship? [letter to editor].” Preventing Chronic Disease 2006 Jul. Available from: URL: [http://www.cdc.gov/pcd/issues/2006/jul/05\\_0197.htm](http://www.cdc.gov/pcd/issues/2006/jul/05_0197.htm). PMID: 16776870.
  22. 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.
  23. 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.
  24. 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.
  25. **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.

26. **Collins, R.** & Winkleby, M. “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.
27. King, A.C., Atienza, A., Castro, C., **Collins, R.** “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
28. 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

#### **Publications Prior to Appointment at Morehouse School of Medicine**

29. 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
30. 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

#### **Book Chapters**

1. Baltrus PT, Daniels EC, Mack DH, **Quarells RC.** “Trends in physical activity in the U.S. before and during the current financial crisis.” Physical Education and Learning: An Introduction. Edited by G. T. Papanikos. Athens, Greece: ATINER, 2013.
2. Davis SK, **Quarells RC**, Gibbons GH. (2009) “Hypertension in African American Communities.” Health Issues in the Black Community. Edited by Ronald Braithwaite, Sandra E. Taylor and Henrie Treadwell. San Francisco, CA: Jossey-Bass, 2009.

#### **Publications - Newsletter**

1. Martin, J., Bell, A., Geiger, D., & **Quarells. R. C.** “The unexpected benefit of seizure recognition and first aid training.” Prevention Research: Building Healthy Communities Together Newsletter. Summer 2021.
2. Price, M., Geiger, D., Beavers, N., & **Quarells. R. C.** “Depression: A common problem for people living with epilepsy.” Angels of Epilepsy Newsletter. May 2020.
3. Geiger, D., Gray, A., Howard, D., & **Quarells. R. C.** “The Project UPLIFT program addressing the mental health of blacks with epilepsy in Georgia.” Angels of Epilepsy Newsletter. June 2019.
4. **Quarells, R.C.**, Heath, D. “Improving Mental Health Among Blacks Living with Epilepsy in Georgia.” Prevention Research: Building Healthy Communities Together Newsletter. 23(1):2, 2018.

### **Publication Prior to Appointment at Morehouse School of Medicine**

5. 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***

“Georgia CEAL Translational Research and Response: Baseline Research Findings Informing Pandemic Inequities.” Tabia Henry Akintobi, Robert Bednarczyk, Katherine Lovell, Sedessie Spivey, **Rakale Quarells**, Christina Evans, Kaleb Whitfield, Wendy Jefferson, Saadia Khizer, Virginia Floyd, Brittany Taylor, & Mohamed Mubasher. [*Oral Presentation*, 2022 Southeast Regional Clinical and Translational Science Conference, March 3, 2022, Pine Mountain, GA.]

“Exploring Perceptions in African American Men with Heart Failure; Qualitative Findings from Focus Groups.” Fadi Aziz, Samantha Mitchell, Demetrius Geiger, **Rakale Quarells**. [*Oral Presentation*, 2020 Summer Medical Student Program, July 20, 2020, Morehouse School of Medicine, Atlanta, GA.]

“Is Level of Mindfulness Associated with Depression in African American Men with Heart Failure.” Samantha Mitchell, Fadi Aziz, Demetrius Geiger, **Rakale Quarells**. [*Oral Presentation*, 2020 Summer Scholars Program, July 20, 2020, Morehouse School of Medicine, Atlanta, GA.]

“The Impact of Depression on Healthcare Utilization among Black Adults with Epilepsy in Georgia.” Demetrius Geiger, Darryl Howard, **Rakale C. Quarells**. [*Poster Presentation*, 3<sup>rd</sup> Annual Georgia Clinical & Translational Science Conference, February 28, 2020, Pine Mountain, GA.]

“Self-management behaviors among African Americans with Epilepsy.” Cam Escoffery, Leslie Johnson, Robin McGee, PhD, Demetrius Geiger, **Rakale C. Quarells**, Nancy Thompson, PhD. [*Poster Presentation*, 2019 American Epilepsy Society’s Annual Meeting, December 4, 2019. Baltimore, MD.]

“Recruitment of African American Adults with Epilepsy for a Behavioral Intervention in Georgia.” Darryl Howard, Demetrius Geiger, Ambiiir Gray, Nancy J. Thompson, **Rakale C. Quarells**. [*Poster Presentation*, 2019 American Epilepsy Society’s Annual Meeting, December 4, 2019. Baltimore, MD.]

“Self-Management for People with Epilepsy: Project UPLIFT.” **Rakale C. Quarells**. (June 23, 2019). [*Oral Presentation*, Caribbean Heritage Presentation, Saint Timothy Episcopal Church, Atlanta, GA.]

“Project UPLIFT: A Distance Delivered MBCT Intervention for Depression in People with Epilepsy.” **Rakale Quarells**. [*Oral Presentation*, Emory University Hospital Radiology Grand Rounds, May 1, 2019, Atlanta, GA.]

“Comparing the Reach of Online versus Traditional Recruitment Strategies Targeting African American Adults with Epilepsy.” Leslie Johnson, PhD, Robin McGee, Demetrius Geiger, **Rakale C. Quarells**, Nancy J. Thompson, & Cam Escoffery. [*Poster Presentation*, Georgia Clinical and Translational Science Alliance, 4th Biennial Community Engagement Forum, April 2019, Atlanta, GA.]

“Project UPLIFT: A Distance Delivered MBCT Intervention for Depression in People with Epilepsy.” **Rakale Quarells**. [*Oral Presentation*, Epilepsy Foundation of America Skills Building Institute, March 25, 2019, Atlanta, GA.]

“Community Engagement and Health Disparities in Clinical and Translational Research Course: A Joint Academic Institution Approach.” **Rakale C. Quarells**, Winifred W. Thompson, Elleen Yancey, Latrice Rollins, PhD, and Tabia H. Akintobi. [*Poster Presentation*, Association for Clinical and Translational Science Annual Meeting, March 6, 2019, Washington, DC]

“Lessons Learned for Rural Recruitment in Southwest Georgia.” Darryl Howard, Demetrius Geiger, & **Rakale Quarells**. [*Poster Presentation*, 2nd Annual Georgia Clinical & Translational Science Conference, February 28, 2019, Pine Mountain, GA.]

“Lifestyle Epilepsy Self-Management in African American Adults with Epilepsy and Depression.” Jade Chambers-Blair, Demetrius Geiger, Ambiir Gray, Nijah Burris, Jasmine Hawkins, Darryl Howard, Leslie Johnson, Nancy J. Thompson, **Rakale C. Quarells**. [*Poster Presentation*, 2nd Annual Georgia Clinical & Translational Science Conference, February 28, 2019, Pine Mountain, GA.]

“The Association between Anxiety and the Medication Management Skills of African Americans with Epilepsy.” Ambiir Gray, Robin McGee, Gemechu Gerbi, & **Rakale Quarells**. [*Poster Presentation*, 2019 The Morehouse School of Medicine Curtis Parker Student Research Symposium, February 13, 2019, Atlanta, Georgia.]

“Lessons Learned for Rural Recruitment in Southwest Georgia.” Darryl Howard, Demetrius Geiger, & **Rakale Quarells**. [*Poster Presentation*, 2019 The Morehouse School of Medicine Curtis Parker Student Research Symposium, February 13, 2019, Atlanta, Georgia.]

“Determining If Information Management is Associated with Seizure Frequency Among African Americans with Epilepsy.” Jasmine Hawkins, Demetrius Geiger, Darryl Howard, Daniel Whitaker, and **Rakale C. Quarells**. [*Poster Presentation*, 2019 The Morehouse School of Medicine Curtis Parker Student Research Symposium, February 13, 2019, Atlanta, Georgia.]

“Lifestyle Epilepsy Self-Management in African American Adults with Epilepsy and Depression.” Jade Chambers-Blair, Ambir Gray, Nijah Burris, Jasmine Hawkins, Demetrius Geiger, Leslie Johnson, Nancy J. Thompson, **Rakale C. Quarells**. [*Poster Presentation*, American Epilepsy Society (AES) 2018 Annual Meeting, December 1, 2018, New Orleans, LA.]

“The need for improved outreach to African Americans with epilepsy: Qualitative findings from focus groups.” Robin E. McGee, Demetrius Geiger, Nancy J. Thompson, and **Rakale C. Quarells**. [*Oral Presentation*, 17th Biennial Conference of the International Society for Justice Research, July 26, 2018. Atlanta, GA.]

“Project UPLIFT: A distance delivered mindfulness-based intervention to address depression among diverse populations.” Ann M. DiGirolamo, **Rakale C. Quarells**, Nancy J. Thompson. [*Poster Presentation*, 39th Annual Meeting and Scientific Sessions of the Society of Behavioral Medicine, April 11-14, 2018. New Orleans, LA.]

“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.]

“Self-Management Programs of the Managing Epilepsy Well Network.” **Rakale C. Quarells**, Erica Johnson, Peter Scal, Samantha Schmidt. [Discovery Center Presentation - *Oral 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.]

“Project UPLIFT: Mindfulness-based Intervention for Prevention of Depression and Other Disorders.” Nancy Thompson, Ann DiGirolamo, Delia Lang, Robin McGee, **Rakale C. Quarells**. [*Panel Presentation*, Department of Behavioral Health and Developmental Disabilities – Behavioral Health Symposium 2017 Conference, October 2017, Lake Lanier, GA.]

“Incorporating clinical 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 L. Nellum, Lauren Ahart, LeRoy Reese, Beatrice Gee, Marilyn Foreman, **Rakale Quarells**. [*Poster Presentation*, 2017 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.]

“Assessing the cultural appropriateness of a mindfulness-based cognitive therapy intervention for African Americans with Epilepsy.” Robin E. McGee, April L. Nellum, Josalin Hunter-Jones, Candace McCloud, Nancy J. Thompson, **Rakale C. Quarells**. [*Poster Presentation*, 2016 American Epilepsy Society’s Annual Meeting, December 4, 2016. Houston, TX.]

Determining the Knowledge Gaps Identified by African Americans Living with Epilepsy. Lauren J. Ahart, April L. Nellum, **Rakale C. Quarells**. [*Poster Presentation*, Project Imhotep Student Research Poster Presentations, July 2016. Atlanta, GA.]

"Adapting Mindfulness-Based Interventions for Minority Populations," Amanda J. Shallcross, **Rakale C. Quarells**, Tanya Spruill. [*Panel Presentation*, Society of Behavioral Medicine 37th Annual Meeting and Scientific Sessions, Washington, DC. March 2016.]

“Community engagement and health disparities in clinical and translational research course.” **Rakale C. Quarells**, Winifred W. Thompson, Elleen M. Yancey. [*Poster Presentation*, Association for Clinical and Translational Science Annual Meeting, Washington, DC. April 2015.]

“Associations of Resistant Hypertension with Apelin, Visfatin and Urinary 8-Isoprostane: The MH-GRID Study.” Steven R Horbal, **Rakale C. Quarells**, Aurelian Bidulescu. [*Oral*

**Presentation**, Cardiovascular Disease Prevention – 13th Annual Prevention Symposium, Orlando, FL, February 2015.]

“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.]

“Alignment to an Ancestry Specific Reference Genome Discovers Additional Variants among the MH-GRID Cohort.” Ryan A. Neff, Gary H. Gibbons, **Rakale Quarells**, J. Vargas, Adam R. Davis. [**Oral Presentation**, National Institute on Minority Health and Health Disparities Grantees' Conference, Washington, DC, December 2014.]

“Alignment to an Ancestry Specific Reference Genome Discovers Additional Variants Among The MH-GRID Cohort.” Adam R. Davis, Ryan A. Neff, Jose Vargas, **Rakale Quarells**, Minority Health-GRID Network, and Gary H. Gibbons. [**Oral Presentation**, National Institute on Minority Health and Health Disparities Grantees' Conference, Washington, DC, December 2014.]

“Attitudes and Perspectives on Genomic Research and Data Sharing.” Venice E. Haynes, **Rakale C. Quarells**, Leslyn Wong, Charmaine Royal, and Stephanie D. Fullerton. [**Poster Presentation**, 7th Annual Conference on Health Disparities, St. Thomas, Virgin Islands, November 2013.]

“Perspectives of African Americans Participating in Genomic Research.” Venice E. Haynes, Leslyn Wong, Charmaine Royal, Stephanie D. Fullerton, and **Rakale C. Quarells**. [**Poster Presentation**, 2<sup>nd</sup> Annual Health Disparities in Genomic Medicine Conference, San Francisco, CA, May 2013.]

“African Americans Attitudes, Opinions and Perspectives on Data Sharing in Genomic Research.” Venice E. Haynes, Leslyn Wong, Charmaine Royal, Stephanie D. Fullerton, and **Rakale C. Quarells**. [**Poster Presentation**, 2<sup>nd</sup> Annual Health Disparities in Genomic Medicine Conference, San Francisco, CA, May 2013.]

“Social Determinants Of Behavioral Risk Factors Among Rural And Urban Men.” Jinnan Liu, **Rakale Quarells**, Sharon Davis. [**Poster Presentation**, 2012 RCMCI Conference, San Juan, Puerto Rico, December 2012.]

“Demonstrations to a Robot Exercise Coach, Using Mixed Reality to Map Human Exercise” A. Howard, L. Roberts, S. Garcia, **Rakale Quarells**. International Symposium on Mixed and Augmented Reality, Atlanta, GA, November 2012.

“Community Youth Mapping: Identifying Youth Related Resources in the Atlanta Promise Neighborhood.” **Rakale C. Quarells** and Rhonda C. Holliday. Preconference Oral Presentation at the 11th Annual Primary Care and Prevention Conference, Atlanta, GA, September 2011.

“Trends in Physical Activity in the U.S. Before and During the Current Financial Crisis.” Peter T. Baltrus, Elvan C. Daniels, Dominic H. Mack, and **Rakale C. Quarells**. [*Oral Presentation*, 7<sup>th</sup> Annual International Conference on Kinesiology and Exercise Sciences, Athens, Greece. July 2011.]

“Perceptions of Adherence to Recommendations for Healthy Lifestyles by Health Professionals in African Americans at risk for Cardiovascular Disease.” Chapman, CN, Holliday, R., Baltrus, P., and **Quarells, R.** [*Poster Presentation*, 2010 RCMI Conference, Nashville, TN, December 2010.]

“Family History and Special Populations.” Daniels, E. and **Quarells, R.** [Invited Speaker, 2010 Family History Course, Centers for Disease Control, August 2010.]

“FIGHT For Life: Preliminary Results.” **Quarells, R.C.** and Reese, L. [*Poster Presentation*, 2009 APHA Conference, Philadelphia, PA, November 2009.]

“Does Knowledge of Hypertension History Have an Affect on Behavioral Risk Factors Which Can Influence Cardiovascular Disease (CVD)?” Stigger, C.B., Chapman, C., Bell, T., Baltrus, P., and **Quarells, R.C.** [*Poster Presentation*, 2009 APHA Conference, Philadelphia, PA, November 2009.]

“Does Knowledge of Hypercholesterolemia Have an Affect on Behavior Modifications Which Can Impact Cardiovascular Disease (CVD)?” Tyrone Bell, Carlos Chapman, Cagney B. Stigger, Peter Baltrus, and **Rakale C. Quarells**. [*Poster Presentation*, 2009 APHA Conference, Philadelphia, PA, November 2009.]

“Families Implementing Good Health Traditions for Life Program.” **Rakale Collins Quarells**. [*Oral Presentation*, 2009 APA Conference, Toronto, Canada, August 2009.]

“Heart to Heart: Effects of Family Structure on Fruit and Vegetable Intake and Physical Activity in Black Children.” D. Ronald W. Goodwin, Yong Liu, **Rakale Collins Quarells**. [*Poster Presentation*, 2007 ABRCMS Conference, Austin, TX, November 2007.]

“African American Youth Perspectives on Fruit And Vegetable Intake: Focus Group Results.” Lidia Quinones, **Rakale Collins**, Sharon K. Davis. [*Poster Presentation*, 2005 Southeastern Psychological Association Annual Meeting. Nashville, TN April 2005].

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