

Patrice C. Williams, PhD, MPH

PERSONAL INFORMATION

Name: Patrice C. Williams, PhD, MPH
Address: Social and Environmental Determinants of Health Equity
Epidemiology Branch, National Institute of Environmental Health Sciences
National Institutes of Health
111 T.W. Alexander Drive, Room A351
Research Triangle Park, NC 27709
E-mail: patrice.williams2@nih.gov
Twitter: @data4equity

RESEARCH INTERESTS

To explore how attributes of the physical and social environments affect sleep health and cardiometabolic dysfunction among Black, Indigenous, and People of Color (BIPOC) and low-income communities.

EDUCATION

2020 Doctor of Philosophy (PhD), Urban & Regional Planning
Florida State University
College of Social Sciences & Public Policy
Department of Urban & Regional Planning
Tallahassee, FL, United States
Dates Attended: 08/2016 – 07/2020
Dissertation: “They Over-Promised and Under-delivered”: A Mixed Methods Study on the Effects of Residential Displacement Pressure on African American Residents in Southwest Atlanta

2014 Master in Public Health (MPH), Health Policy
Florida State University
College of Social Sciences & Public Policy
Master’s in Public Health Program
Tallahassee, FL, United States
Dates Attended: 01/2013 – 05/2014

2010 Bachelor of Science (BS), Biomathematics, Minor: Chemistry
Cum Laude
Florida State University
College of Arts and Sciences
Department of Mathematics
Tallahassee, FL, United States
Dates Attended: 08/2004 – 12/2010
Honors Thesis: “*Neuroprotective Role of Vitamin B12 in Alzheimer’s Disease*”

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2010 Bachelor of Arts (BA), Music
Cum Laude
Florida State University
College of Music
Tallahassee, FL, United States
Dates Attended: 08/2004 – 12/2010

OTHER RELEVANT TRAINING AND COURSEWORK

2020 Postdoctoral Intramural Research Training Award (IRTA), Epidemiology Branch
National Institute of Environmental Health Sciences
Research Triangle Park, NC United States
Dates Attended: 09/2020 - Present

2020 Robert Wood Johnson Foundation Health Policy Research Scholars Program
Johns Hopkins University
Bloomberg School of Public Health
Baltimore, MD, United States
Dates Attended: 09/2016 – 08/2017, 08/2019 – 08/2020

George Washington University
Milken Institute School of Public Health
Washington, DC, United States
Dates Attended: 08/2017 – 8/2019

2019 Certificate in Community Transformation
100 Million Healthier Lives – Community Health Accelerators Initiative
Institute for Healthcare Improvement
Boston, MA, United States
Dates Attended: 09/2018 – 06/2019

2019 Multilevel Modeling Workshop
Curran-Bauer Analytics
Chapel Hill, North Carolina
Dates Attended: 06/24/19 – 06/28/2019

2009 – 2010 Undergraduate Honors Thesis Research
Florida State University
College of Arts & Sciences – Department of Mathematics
College of Medicine – Department of Biomedical Sciences
Studied the effect of Vitamin B12 on Alzheimer's disease utilizing biophysical techniques and mathematical modeling
Dates Attended: 8/2009 – 12/2010

2009 NIMHD Minority Health International Research Training Program

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Florida Agricultural & Mechanical University
Nkrumah University of Science and Technology
Kumasi, Ghana, West Africa
Dates Attended: 06/2009 – 07/2009

PUBLICATIONS

Peer-Reviewed Publications:

1. **Williams, P.C.**, Krafty, R., Alexander, T., Davis, Z., Gregory, A-V., Proby, R., Troxel, W., Coutts, C. (2021) Greenspace redevelopment, pressure of displacement, and sleep quality among Black adults in Southwest Atlanta. *Journal of Exposure Science & Environmental Epidemiology* <https://doi.org/10.1038/s41370-021-00313-9>
2. Alhasan, D.M., Gaston, S.A., Jackson II, W.B.J., **Williams, P.C.**, Kawachi, I., & Jackson, C.L. (2020) Neighborhood Social Cohesion and Sleep Health by Age, Sex/Gender, and Race/Ethnicity in the United States. *International Journal of Environmental Research and Public Health*, 17(24), 9475. <https://doi.org/10.3390/ijerph17249475>
3. Coutts, C., Basmajian, C., Sehee, J., Kelty, S., & **Williams, P.C.** (2018) Natural Burial as a Land Conservation Tool. *Landscape and Urban Planning*, 178, 130-143. <https://doi.org/10.1016/j.landurbplan.2018.05.022>

Technical Reports:

1. **Williams, P.C.**, Holmes, T., Smith, K., & Uejio, C. (2019) Florida Building Resilience Against Climate Effects Evaluation Report on Monroe County's Special Needs Shelter Response during Hurricane Irma. Monroe County Health Department

Book Chapters:

1. Coutts, C., & **Williams, P.C.** Healthy Behavioral Choices and the Built Environment. Botchwey, N., Dannenberg, A., and Frumkin, H. (eds). Making Healthy Places: Designing and Building for Health, Well-being, and Sustainability (2nd Edition). *In Press*

Commentary:

1. Wolfe, M., Williamson, D.H.Z., Gripper, A., **Williams, P.C.**, Encarnación Burgos, A., Martinez, D. October 23, 2019. [“Conference Report: Expanding the Definition of the Built Environment Using an Environmental Justice Framework”](#). Interdisciplinary Association for Population Health Science Blog.

Publications under review:

1. **Williams, P.C.**, Jackson, A., Greenlee, A.J., Jackson, C.L., & Coutts, C. Displacement Risk Index: A GIS-Based Assessment of Residential Displacement Risk in Atlanta. *Under Review*

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1. **Williams, P.C.**, Krafty, R., Alhasan, D.M., Coutts, C., Miles-Richardson, S., Jackson, C.L. A Mixed Methods Approach to Understand the Impact of Greenspace Redevelopment on the Objectively- and Subjectively-Measured Sleep Health of Black adults in Southwest Atlanta. *Under Review*

Publications in Preparation:

1. **Williams, P.C.**, Henderson, K.L.L., Alhasan, D.M., Gaston, S.A., Jackson II, W.B.J., Kawachi, I., & Jackson, C.L. Neighborhood Social Cohesion and Type 2 Diabetes Mellitus by Age, Sex/Gender, and Race/Ethnicity in the United States
2. Gaston, S.G., Wilkerson, J., **Williams, P.C.**, Feinstein, L.B., Douglas, C., Jackson, C.L. Racial Residential Segregation and Artificial Light at Night are Potential Social and Physical Environmental Contributors to Sleep Disparities ****Manuscript abstract accepted for Health Affairs Special Issue on “Racism and Health”**
3. **Williams, P.C.**, Alhasan, D.M., Jackson, C.L. Integrating an Intersectionality Framework and Systems Thinking Approach into Planning Practice to Innovate Collaborative Rationality and Achieve Health Equity ****Manuscript abstract accepted for Journal of American Planning Association Special Issue “Community Design and Revitalization to Promote Health”**

PRESENTATIONS, INVITED TALKS, AND WORKSHOPS

Refereed Conference Presentations:

1. **Williams, P.C.**, Krafty, R., Alhasan, D.M., Coutts, C., Miles-Richardson, S. Jackson, C.L., A Mixed Methods Approach to Understand the Impact of Greenspace Redevelopment on the Objectively- and Subjectively-Measured Sleep Health of Black Adults in Southwest Atlanta. Association of Collegiate Schools of Planning (Oral Presentation). October 7-9, 2021 (Virtual) and October 21-23 (In-Person), Miami, FL.
2. **Williams, P.C.**, Henderson, K.L.L., Alhasan, D.M., Gaston, S.A., Jackson II, W.B.J., Kawachi, I., & Jackson, C.L. Neighborhood Social Cohesion and Type 2 Diabetes Mellitus by Age, Sex/Gender, and Race/Ethnicity in the United States. Interdisciplinary Association for Population Health Science (Oral Presentation). October 19-21, 2021, Baltimore, MD.
3. Roybal, K., Gutiérrez, M., Gomez-Vidal, C., Whittaker, J. & **Williams, P.C.** (Moderator); “A Discussion of Participatory Research Methods to Transfer Local Political Economies of Health. Interdisciplinary Association for Population Health Science (Panel Presentation). September 30 – October 2, 2020, Minneapolis, MN. *Changed from a panel presentation to a podcast due to COVID-19 for Virtual Conference*

Podcast link: <https://sickindividualssickpopulations.blubrry.net/2020/11/24/4-challenging-place-and-power-a-discussion-of-participatory-research-methods-to-transform-local-political-economies-of-health/>
4. **Williams, P.C.** and Jackson, A.; “Displacement Risk Index: a GIS-based assessment of residential displacement risk in Atlanta”. Association of Collegiate Schools of Planning (Oral Presentation). October 24-27, 2019, Greenville, SC.

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5. Gripper, A., **Williams, P.C.**, Encarnacion Burgos, A., Martinez, D., and Williamson, D.; “Expanding the definition of the built environment using an environmental justice framework”. Interdisciplinary Association for Population Health Science (Panel Presentation). October 1-4, 2019, Seattle, WA.
6. Cory, H., Plaisime, M., Thomas, F., and **Williams, P.C.**; “Building A Culture of Health: A Strategic Interdisciplinary Framework to Reduce Health Disparities”. Latina Researchers Conference (Poster Presentation), New York City, NY, August 23, 2018.
7. **Williams, P.C.**, Groveman, B.R., Yu, X-M., Bienkiewicz, E.A.; “The Role of Vitamin B12 in Alzheimer’s disease”. Atlantic Coast Conference (ACC) Meeting of the Minds Undergraduate Research Conference (Oral presentation), Raleigh, NC, April 2-4, 2009.
8. **Williams, P.C.**, Groveman, B.R., Bourg, J.T., Pfleuger, M., Fang, X-Q., Yu, S.L. X-M., Bienkiewicz, E.A.; “The Role of Vitamin B12 in Alzheimer’s disease”. Annual Biomedical Research Conference Minority Students (Poster Presentation), Phoenix, AZ, November 5, 2009.
9. **Williams, P.C.**, Groveman, B.R., Bourg, J.T., Pfleuger, M., Fang, X-Q., Yu, S.L. X-M., Bienkiewicz, E.A.; “The Role of Vitamin B12 in Alzheimer’s disease”. Society of Neuroscience (Poster Presentation), Chicago, IL, October 20, 2009.

Invited Presentations & Workshops

Conference Symposium

1. **Invited Workshop Attendee**, “The Role of Sleep in Health Disparities: Causes and Health Consequences”
National Heart, Lung, Blood Institute & National Institute on Minority Health and Health Disparities in Rockville, MD
Date(s): June 20-21, 2018
The goal of the workshop was to increase the ability of the sleep research and health disparities research communities to collaborate and conduct successful research that integrates sleep biological mechanisms with health disparities mechanisms and pathways, especially with social determinants of health.

International Oral Presentation:

1. **Invited Panelist**, “Where are we now in promoting public health through city planning and design?”
Co-Panelist: Christopher Coutts, PhD, MPH; Mtafu Manda, PhD; Daniel Rodriguez, PhD; Gayle Souter-Brown, PhD
Journal of the American Planning Association Virtual Symposium: Community Design & Revitalization to Promote Health
Date: January 28, 2021

Local Oral Presentations

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2. **Invited Presenter - FOCUS Fellow**, “Displacement Risk Index: A GIS-based assessment of residential displacement risk in Atlanta”
Georgia Institute of Technology, College of Design, School of City & Regional Planning,
FOCUS Program
Date: January 17, 2020
3. **Invited Panelist**, Social Justice in Cities: Planning for a more Equitable Cities
Co-Panelist: Petra Doan, PhD; April Jackson, PhD; and Shaleen Miller PhD(c)
Florida State University, College of Social Sciences and Public Policy & The Center for Global
Engagement’s Engage Your World Intercultural Dialogue Series in Tallahassee, FL
Date: February 12, 2019

HONORS AND AWARDS

2019	2020 FOCUS Fellowship at Georgia Institute of Technology
2019	Association of Collegiate Schools of Planning – Planners of Color Interest Group Scholarship for Student Travel Award
2019	The Society of Multivariate Experimental Psychology (SMEP) Underrepresented Student Workshop Travel Award
2018	Health Policy Research Scholars Case Competition: Best Articulation of a Community’s Needs
2018	Health Policy Research Scholars Dissertation Award
2017	Council of Graduate Schools GradImpact Project Feature
2016 - 2020	Robert Wood Johnson Foundation Health Policy Research Scholar (Cohort One)
2014	Congressman Jason and Kelly Altmire Student Achievement Prize in Public Health Policy (\$1,000)
2009	Bess Ward Honors Thesis Award Recipient
2009	Annual Biomedical Research Conference Minority Students Travel Award
2009	Atlantic Coast Conference in Raleigh, North Carolina Travel Award

GRANTS

Patrice C. Williams (Sept 2016 – August 2021). *Health Policy Research Scholars Cohort One- 2016*. Funded by Robert Wood Johnson Foundation. Total award: \$120,000. National leadership program to build equity by investing in scholars from populations traditionally underrepresented in graduate programs whose, research, connections, and leadership will inform and influence policy toward a Culture of Health.

Patrice C. Williams (January 2019 – December 2019). *Health Policy Research Scholar Dissertation Award*. Funded by George Washington University. Total award: \$10,000. Competitive award reviewed by the Robert Wood Johnson Foundation National Program Center

RESEARCH & PROFESSIONAL EXPERIENCE

Patrice C. Williams, PhD, MPH

- 2020 – Present **Postdoctoral Intramural Research Training Award (IRTA)**, Epidemiology Branch, National Institute of Environmental Health Sciences
- 2019 – Present **Visiting Scholar**, Georgia Institute of Technology, College of Design, School of City & Regional Planning
- 2019 – 2020 **Robert Wood Johnson Foundation Health Policy Research Scholar**, Atlanta Cultural-Resilience-Environment-Workforce (CREW) Program Southface Institute, Westside Atlanta Watershed Alliance (WAWA), and WonderRoot
- 2017 – 2020 **Graduate Research Fellow**, Department of Urban & Regional Planning
- 2017 – 2019 **Research Analyst**, Florida Building Resilience Against Climate Effects Department of Geography and Department of Urban & Regional Planning
- 2014 – 2016 **Program Coordinator**, Council on Research & Creativity (CRC) Office of Proposal Development and Office of the Vice President for Research
- 2013 **Health Policy Intern**, Leon County Health Department and Master's in Public Health Program
- 2011 – 2013 **DRAPS Intern**, Dermatology Research & Practice Scholars (DRAPS) Dermatology Associates of Tallahassee
- 2009 **Undergraduate Fellow**, NIMHD Minority Health International Research Training Program, Kumasi, Ghana
- 2008 – 2010 **Research Assistant**, Department of Biomedical Sciences

TEACHING EXPERIENCE

- 2017 – 2018 **Instructor of Record**, URS 1006 World Cities (In-Person) Florida State University Department of Urban & Regional Planning
- 2016 – 2017 **Teaching Assistant**, URS 1006 World Cities (Online) Florida State University Department of Urban & Regional Planning
- Fall 2013 **Teaching Assistant**, PUP 5605 Health Services Organization and Policy (In-Person) Florida State University Master in Public Health Program

MENTORSHIP EXPERIENCE

Patrice C. Williams, PhD, MPH

- 2019 **Primary Mentor and Practicum Preceptor**, Morehouse School of Medicine Master in Public Health Program (Atlanta, GA) (05/2019 – 10/2019)
- Terrence Alexander
 - Zipporah Davis
 - Akil-Vuai Gregory
 - Raven Proby
- 2020 **Primary Mentor**, NIH Special Volunteer and Summer Graduate Intern (10/2020 – Present)
- Kionna Henderson (Michigan State University, East Lansing, MI)

PROFESSIONAL SERVICE

Ad-hoc Journal Reviewer

- 2020 Sleep Health
2021 Housing Policy Debate

Service to Professional Organization

- 2020 - Interdisciplinary Association for Population Health Science 2021 Conference (“Racism, Power, and Justice: Achieving Population Health Equity) Program Committee

COMMUNITY SERVICE

- 2014 – 2016 **Disaster Action Team and Public Health Preparedness Outreach Team Member**, American Red Cross – Capital Area Chapter, Tallahassee, FL
- 2013 – 2014 **Representative for College of Social Sciences & Public Policy**, Congress of Graduate Student, Florida State University, Tallahassee, FL
- 2013 – 2014 **President**, Public Health Student Association, Florida State University, Tallahassee, FL
- 2010 – 2011 **Co-Editor-in-Chief of Inaugural Issue**, Florida State University Undergraduate Research Journal, Florida State University, Tallahassee, FL
- 2009 – 2011 **Founding Board Member**, Student Council of Undergraduate Research & Creativity, Florida State University, Tallahassee, FL

PROFESSIONAL SOCIETY MEMBERSHIPS

Patrice C. Williams, PhD, MPH

2019 – Present	Member, Interdisciplinary Association for Population Health Science
2018 – 2020	Member, AcademyHealth
2017 – Present	Member, American Public Health Association, Sections: Environment and Epidemiology
2017 – Present	Member, Association of Collegiate Schools of Planning
2016 – Present	Member, American Planning Association, Sections: Housing and Community Development and Planning & Black Community Division
2008 – Present	Member, Phi Kappa Phi