

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
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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 Title: “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*”
Advisors: Ewa (Ava) Bienkiewicz, PhD & Nicholas Cogan, PhD

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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

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2009 NIMHD Minority Health International Research Training Program
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. 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>
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>

Technical Report:

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

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. Shen, R., Coutts, C., Feiock, R., & **Williams, P.C.** Identifying the Health Benefits of City Bike Infrastructure Expansion. *Revise and Resubmit*
2. **Williams, P.C.**, Jackson, A., & Coutts, C. Displacement Risk Index: A GIS-based Assessment of Residential Displacement Risk in Atlanta. *Revise and Resubmit*
3. 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). *Book chapter submitted and under editor review*
4. **Williams, P.C.**, Krafty, R., Alexander, T., Davis, Z., Gregory, A-V., Proby, R., Troxel, W., Coutts, C. Greenspace redevelopment, pressure of displacement, and sleep quality among Black adults in Southwest Atlanta. *Revise and Resubmit*

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5. **Williams, P.C.** “It Doesn’t Benefit Us”: Social and Environmental Factors that Influence the Effects of Residential Displacement Pressure on Black Residents in Southwest Atlanta. *Revise and Resubmit*

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. **Williams, P.C.**, Holmes, T., Smith, K., & Uejio, C. Monroe County’s Special Needs Shelter Response during Hurricane Irma.

PRESENTATIONS, INVITED TALKS, AND WORKSHOPS

Refereed Conference Presentations:

1. Kristi Roybal, Mónica Gutiérrez, Cristina Gomez-Vidal, Jennifer Whittaker, & **Patrice C. Williams** (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/>
2. **Patrice C. Williams** and April Jackson; “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.
3. Ashley Gripper, **Patrice C. Williams**, Angeliz Encarnacion Burgos, Deniss Martinez, and Dana Williamson; “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.
4. Hannah Cory, Marie Plaisime, Fanice Thomas, and **Patrice C. Williams**; “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.
5. **Patrice C. Williams**, Bradley R. Groveman, Xian-Min Yu, Ewa A. Bienkiewicz; “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.
6. **Patrice C. Williams**, Bradley R. Groveman, Julia T. Bourg, Melissa Pfleuger, Xiao-Qian Fang, Shuangxiu Lin, Xian-Min Yu and Ewa A. Bienkiewicz; “The Role of Vitamin B12 in Alzheimer’s disease”. Annual Biomedical Research Conference Minority Students (Poster Presentation), Phoenix, AZ, November 5, 2009.
7. **Patrice C. Williams**, Bradley R. Groveman, Julia T. Bourg, Melissa Pfleuger, Xiao-Qian Fang, Shuangxiu Lin, Xian-Min Yu and Ewa A. Bienkiewicz; “The Role of Vitamin B12 in

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Alzheimer's disease". Society of Neuroscience (Poster Presentation), Chicago, IL, October 20, 2009.

Invited Presentations & Workshops

1. **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
2. **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
3. **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.

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

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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

- 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

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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

- 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

Service to Professional Organization

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

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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

- 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