

# JALONNE L. WHITE-NEWSOME

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## EDUCATION

### **Ph.D., Environmental Health Sciences, The University of Michigan, 2011**

Dissertation: *Extreme heat and health: understanding exposures, behaviors and vulnerability*

Dissertation Advisors: Marie S. O'Neill, Ph.D., Olivier J. Jollier, Ph.D., Brisa N. Sanchez, Ph.D., Joseph T. Dvonch, Ph.D., Edith A. Parker, Ph.D.

### **M.S., Environmental Engineering, Southern Methodist University, 2003**

### **B.S., Chemical Engineering, Northwestern University, Evanston, IL, 1999**

## TEACHING EXPERIENCE

### **Professorial Lecturer, The George Washington University, 2012 – current**

Course: Environmental and Biological Foundations of Public Health

### **Adjunct Professor, Kettering University, 2007-2013**

Course: Environmentally Conscious Design and Manufacturing

### **University of Michigan Preparing Future Faculty Seminar, 2011**

## RESEARCH EXPERIENCE

### **Consultant, National Institutes of Health, RO1, 2019 – current**

Exploring evidence to improve heat warning effectiveness in reducing morbidity and mortality.

### **Postdoctoral Fellow, Union of Concerned Scientists, 2011-2013**

Inaugural Kendall Fellow. Research examined county-level local heat preparedness and response in 30 U.S. states following the unusually hot summer of 2011.

## PUBLICATIONS

White-Newsome JL, Meadows P, Kabel C. (2016). "Bridging Climate, Health, and Equity: A Growing Imperative." *Am J Public Health*, Vol 108, pp. S72–S73.

White-Newsome JL. (2016). "A Policy Approach Toward Climate Justice." *The Black Scholar*, Vol. 46.

White-Newsome JL, Rest K. (2015). *Climate Change and Public Health*, ISBN 9780190202453. Chapter 15: Non-governmental Actions by Individuals, Civil Society Organizations, and the Private Sector. Oxford University Press.

White-Newsome JL, McCormick S, Sampson N, Buxton MA, O'Neill MS, Gronlund CJ, Catalano L, Conlon K, Parker EA. (2014) "Strategies to Reduce the Harmful Effects of Extreme Heat Events: A Four-City Study." *Int. J. Environ. Res. Public Health*.

White-Newsome, Jalonne L., Brenda Ekwurzel, Mia Baer-Schultz, Kristie L. Ebi, Marie S. O'Neill, and G. Brooke Anderson. (2014). "Survey of County-Level Heat Preparedness and Response to the 2011 Summer Heat in 30 US States." *Environ Health Perspect*.

White-Newsome JL, Brines SJ, Brown DG, Dvonch JT, Gronlund CJ, Zhang K, Oswald EM. (2013). Validating Satellite-Derived Land Surface Temperature with in-situ Measurements: A Public Health Perspective. *Environ Health Perspect*.

White-Newsome JL, Sanchez BN, Jollier O, Zhang Z, Parker EA, Dvonch JT, O'Neill MS. (2011). Climate change and health: indoor heat exposure in vulnerable populations. *Environ. Res*.

White-Newsome JL, Sanchez BN, Parker EA, Dvonch JT, Zhang Z, O'Neill MS. (2011). "Assessing heat-adaptive behaviors among older, urban-dwelling adults." *Maturitas*, Vol. 70.

## **NON-PEER REVIEWED PUBLICATIONS**

July 2020. Initiative Takes On Water Systems, Climate Change, And Inequity. Water Online.

June 2020. At the intersection of climate change, water, and equity – a growing field of practice. Alliance Magazine.

June 2020. Rethink Resilience for the Era of COVID-19 and Climate Change. Next City.

March 2020. Commentary: World Water Day reminds us access to clean water is essential to battle COVID-19.

February 2020. Commentary: The urgency of creating climate resilient and equitable water systems.

## **PRESENTATIONS**

(2020) Environmental Racism and Health Disparities. ILLUME's four-part Equity, Energy, and the Environment Series. Webinar speaker.

(2020) Working Collaboratively to Fund Water Infrastructure Needs: State & Foundation Water Finance Partnerships. Webinar speaker.

(2020) Climate change and health: learning from COVID-19. Boston University School of Public Health. Webinar speaker.

(2020) Environmental Extreme Events and COVID. National Academies of Sciences. Webinar speaker.

(2020) "The (Mis)Education of US on Climate and Health". The University of Michigan's Dr. Martin Luther King, Jr. Health Sciences Lecture. Keynote Speaker.

## **GRANTS AND FELLOWSHIPS**

C40 Adaptation Academy & International Peer Learning Exchange (The Netherlands, 2019)

The Funders Network for Smart Growth and Livable Communities PLACES Fellow

The Headlands Center for the Arts Climate Change Residency (Sausalito, CA, 2019)

Dissertations Initiative for the Advancement of Climate Change Research Scholar

National Occupational Research Agenda Pre-Doctoral Fellowship (The University of Michigan)

Environmental Leadership Program Fellow

## **AWARDS AND HONORS**

Environmental Management Association Achievement Award, 2019

Michigan League of Conservation Voters, Advocate of the Year, 2017

Edward A. Boucher National Honor Society, 2010

## **PROFESSIONAL MEMBERSHIPS**

American Geophysical Union

American Public Health Association

## **BOARD SERVICE**

The National Academy of Sciences, Board of Environmental Change and Society

American Public Health Association Climate Change, Health & Equity Advisory Board

Health and Environmental Funders Network, Co-Chair

Minerva Education and Development Foundation, Grants Chair

US Climate Action Network, Finance Chair; Co-Chair for Justice, Equity, Diversity & Inclusion

Environmental Protection Agency, Clean Air Act Advisory Committee, Urban Air Toxics, Co-chair