



Helena J. Chapman, MD, MPH, PhD

hjchapman@gwu.edu

Dr. Helena J. Chapman, George Washington University, Milken Institute School of Public Health, Environmental and Occupational Health, 950 New Hampshire Ave. NW 4th Floor, Washington, DC 20052. Dr. Chapman is a member of the One Health Initiative team since 2019.

Trained in medicine, epidemiology, and environmental health (One Health), Dr. Chapman is passionate about promoting transdisciplinary health collaborations that investigate and mitigate health risks of humans, animals, and ecosystems. By integrating social science concepts and the One Health approach, her research has examined the determinants of health that influence risk associated with tuberculosis and dengue transmission in Cuba, Dominican Republic, and Puerto Rico. Her dissertation research examined the "knowledge-action" gap among health care workers regarding adherence to tuberculosis infection control measures in tertiary-level health institutions in the Dominican Republic.

Her global health practice activities focus on building capacity for health professions education and training programs that prepare the global health workforce to better understand and mitigate environmental health risks across all communities. She was founding member and current advisor of the first Dominican Republic (non-governmental) medical student organization (Organización Dominicana de Estudiantes de Medicina, ODEM), with the primary mission to strengthen medical students' collaborations focusing on leadership, research, and health education outreach across communities in the Dominican Republic. She also serves as the Publications Director of the World Medical Association (WMA)/Junior Doctors Network (JDN), where she encourages junior doctors to share their local, national, and international leadership and professional activities with the global audience.

Currently, Helena serves as Professorial Lecturer in the Department of Environmental and Global Health at the Milken Institute School of Public Health at the George Washington University. She also supports the NASA Applied Sciences Program (Booz Allen Hamilton) as Associate Program Manager for Health and Air Quality Applications. In this focus area, her team promotes the use of Earth observation data in One Health applications, related to air quality management and infectious disease prevention and control. Prior to this position,

she was a AAAS Science & Technology Policy Fellow in the NASA Applied Sciences Program. She also was a Christine Mirzayan Science & Technology Policy Fellow at the National Academies of Sciences, Engineering, and Medicine, where she worked on the *Veterans and Agent Orange: 11th Biennial Update* consensus study.

She received her PhD in Public Health (One Health concentration) and MPH in Epidemiology from the University of Florida. She holds an MD from the Iberoamerican University in the Dominican Republic.