

MEGAN WEIL LATSHAW, PHD MHS

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EDUCATION AND TRAINING

Certificate ASAE(2013)

Association Management

- ASAE serves as a national organization for association management.
- This certificate program helps association professionals build competencies to more effectively manage organizations.

Certificate Centers for Disease Control and Prevention (2010)

Environmental Public Health Leadership Institute

- Competitive one-year program involves workshops, special projects, and individual study.
- Project fed into a [FrameWorks Institute research project](#) to develop and direct the environmental health field's communications capacities.

PhD

Johns Hopkins Bloomberg School of Public Health (2005)

Occupational & Environmental Health

- Awarded NIEHS "Training Program in Environmental Health" grant.
- Won Johns Hopkins NIOSH Education & Research Center Research Award.
- Co-founded and served as the original Secretary for EHESO, the department's student organization, which remains strong today.
- Dissertation focused on environmental mercury exposure, metallothionein, oxidative stress, and neurobehavioral function in older adults.

MHS

Johns Hopkins University School of Hygiene & Public Health (2001)

Environmental Health Sciences

- Inducted into Delta Omega, a National Honors Society.
- Elected to Deans-for-Student Network & the school's Administrative Team.
- Thesis focused on science & policy related to Multiple Chemical Sensitivity.

Certificate Johns Hopkins University School of Hygiene and Public Health (2001)

Risk Sciences & Public Policy

- Addresses scientific underpinnings of risk assessment and policy.
- Provides skills that lead to innovative solutions to complex problems.

BA

Johns Hopkins University (1995-1998)

Biology with a minor in Philosophy

- Graduated in three years.
- Served as a peer counselor, Secretary of the Golf Club, acted in student films, and performed in Barnstormers plays.

PROFESSIONAL EXPERIENCE

Associate Teaching Professor & Director of Masters Degree Programs

Department of Environmental Health and Engineering (2020 – Present)

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Promoted to **Director of the Masters Degree Programs**, going from overseeing two programs to seven, and from 50 to 100 students.
- Asked to represent the school on the **JHU Council**, a faculty group from across the University which advises the President and senior leadership around high-profile issues such as the police force, returning to work, HR problems and more (2022-2024).
- Asked to **co-chair the University-wide Sustainability Plan Steering Committee**. Engaged not just Hopkins students, faculty and staff from across all the schools, but also the communities around our campuses (2021-2024).
- Served as Co-lead (2016-2018), then Core Faculty (2018-2022), then Steering Committee Member (2022 – present) **for the Environmental Challenges focus area of the Bloomberg American Health Initiative**. Within the first several years, developed a curriculum for the new fellows, funded both research and community projects, hosted several speakers, convened a symposium, and built partnerships with environmental health groups in Maryland. Successfully envisioned, coordinated, led, and participated in several projects.
- **Teach environmental health survey courses** at both the undergraduate & graduate levels, as well as an open online course “Chemicals & Health” which has been viewed by over 100,000. Created a new MOOC “Disease Clusters” in 2019 with over 10,000 enrollees. Regularly receive Excellence in Teaching Awards.

Assistant Scientist & Director of the MHS & ScM Degree Programs

Environmental Health and Engineering (2016 – 2020)

Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

- Ensured that students developed competencies needed to transform the field.
- Responsible for drafting and implementing plans to increase enrollment, which increased from 15 to 41 students.
- Within four years, amassed over 1500 Twitter followers for the Department, implemented a Google ad words campaign, and provided social meeting training for faculty.

Joint Appointment, Public Health Studies (2016 – Present)

Johns Hopkins Krieger School of Arts & Sciences, Baltimore, MD

Chair, Intersectional Council (2019 – 2021)

American Public Health Association

Chair, Environment Section (2015 – 2016)

American Public Health Association

Director, Environmental Health Programs (2007 – 2016)

Association of Public Health Laboratories, Silver Spring MD

Senior Director, Environmental Health Policy (2005 – 2006)

Association of State and Territorial Health Officials, Washington, DC

Director, Environmental Health Services (2003 – 2005)
Association of State and Territorial Health Officials, Washington, DC

Research Assistant, Baltimore Memory Study (2001 – 2003)
Johns Hopkins Bloomberg School of Public Health, Baltimore, MD

PROFESSIONAL ACTIVITIES

National Academies of Sciences, Engineering, and Medicine

- Member, Standing Committee on the Use of Emerging Science for Environmental Health Decisions (2023 – 2024)
- Moderator, [Advances in Multimodal Artificial Intelligence to Enhance Environmental and Biomedical Data Integration-A Workshop](#) (2023)
- Panelist, Estimating Benefits of Closing Gaps in Active Transportation Networks, National Cooperative Highway Research Program, Transportation Research Board (2021 – 2024)

American Public Health Association

- Environmental Health and Equity Coalition (2014 – Present)
- Member (*ex officio*) of the Executive Board (2019 – 2020)
- Member of the 2020 National Public Health Week Steering Committee (25th anniversary)
- Executive Director's Annual Meeting Advisory Committee (2020)
- Chair of Intersectional Council (2019 – 2020)
- Chair of the Environment Section (2015 - 2017)
- National Environmental Health Partnership Council (2015 – 2017)
- Building Understanding of Environmental Health – Strategic Comms Workgroup (2015)
- Governing Council (2010 - 2013)
- Environment Section Membership Committee (2008 - 2015)

Children's Environmental Health & Protection Advisory Council

- State of Maryland - Governor Appointee (2011 - Present)
- Typically sign letters on behalf of the Council to policymakers (2016 – Present)
- Liaison to the **Air Quality & Control Advisory Council** (2021 – Present)
- [Wifi Radiation in Schools in Maryland](#) Workgroup Chair (2015 and 2021-2022)

Environmental Health Data Partnerships Collaborative (2015 - 2017)

Association of State and Territorial Health Officials

Summit on Environmental Hazards and Health Effects Planning Committee (2015)

CDC's National Center for Environmental Health

2015 Branscomb Forum on Scientist Engagement Advisory Committee (2015)

Union of Concerned Scientists' Center for Science and Democracy

HONORS AND AWARDS

- JHSPH Faculty Award for Excellence in Baltimore Public Health Practice (2022)
- Excellence in Service Learning – SOURCE faculty award (2021)

- Green Blue Jay awardee - for incorporating sustainability into the classroom (2019)
- Johns Hopkins University SOURCE Service-Learning fellow (2018)
- APHA's Environment Section Distinguished Service Award Winner (2018)
- One of 20 "Pioneers under 40 in Environmental Public Health" - Collaborative on Health and the Environment (2017)
- White House Fellowship - Regional Finalist (2007)

PUBLICATIONS

Books

- Latshaw, M and J Bressler (Editors). *The Environment and Your Health* Baltimore, MD: JHU Press; in press.
 - Latshaw, M and J Bressler. "Introduction," in *The Environment and Your Health*. Edited by Megan Latshaw and Joseph Bressler. Baltimore, MD: JHU Press; in press.
 - Latshaw, M. "Careers in Environmental Health," in *The Environment and Your Health*. Edited by Megan Latshaw and Joseph Bressler. Baltimore, MD: JHU Press; in press.

Journal Articles

- Kondo MC, Locke D, Hazer M, Mendelson T, Fix RL, Joshi A, **Latshaw M**, Fry D, Mmari K. A greening theory of change: How neighborhood greening impacts adolescent health disparities. *Am J Community Psychol*. 2024 Feb 1. doi: 10.1002/ajcp.12735. Epub ahead of print. PMID: 38303603.
- Boyapalli S, Dejarnett N, **Latshaw M**, Jagai JS. Increasing Diversity in Environmental Health Graduate Programs. *Journal of Environmental Health* (May 2023). https://2022.neha.org/sites/default/files/flipping_book/may-2023-jeh/26/index.html.
- Latkin, C., Dayton, L., Bonneau, H., Bhaktaram, A., Ross, J., Pugel, J. & **Latshaw, MW**. Perceived Barriers to Climate Change Activism Behaviors in the United States Among Individuals Highly Concerned about Climate Change. *J of Prevention* (2022). <https://doi.org/10.1007/s10935-022-00704-0>
- Robb, K., Via, S., McDonald, A., Kerner, B., Wright, S., DeJarnett, N., Bhattacharyya, S., Dettmer, K., Adams, H., Nix, D., & **Latshaw, M. W.** (2022). Power of Partnerships: Public Health and Water Systems Protect Community Health Together. *Journal - American Water Works Association*, 114(2), 42-49. <https://doi.org/10.1002/awwa.1866>.
- Koehler K, **Latshaw M**, Matte T, Kass D, Frumkin H, Fox M, Hobbs B, Wills-Karp M, Burke T. Building Healthy Community Environments: A Public Health Approach. *Public Health Reports*. 2018 Nov/Dec;133(1_suppl):35S-43S.
- **Latshaw MW**, Degeberg R, Patel SS, Rhodes B, King E, Chaudhuri S, Nassif J. Advancing environmental health surveillance in the US through a national human biomonitoring network. *Int J Hyg Environ Health*. 2016 Sep 17. pii: S1438-4639(16)30099-2.

Articles, editorials and other publications not peer-reviewed

- CDC. Addressing Health Equity and Environmental Justice in the Evaluation of Unusual Patterns of Cancer. (2024). https://www.cdc.gov/cancer-environment/media/pdfs/2024/07/Addressing-Health-Equity-and-Environmental-Justice_Final.pdf. – **lead author** (although CDC does not track authorship)

- CDC. Standardized Incidence Ratio (SIR). (2024). <https://www.cdc.gov/cancer-environment/media/pdfs/Standardized-Incidence-Ratio-Fact-Sheet-508.pdf>. – **lead author** (although CDC does not track authorship)
- Pennathur KS, Wang Y, Sell TK, **Latshaw M**. “Transit in a Time of COVID”. The Johns Hopkins Center for Health Security (July 2020): <https://www.centerforhealthsecurity.org/resources/COVID-19/COVID-19-fact-sheets/200706-transit-factsheet.pdf>
- APHA’s Environmental Health Coalition. “The state of environmental health in education”. Public Health Newswire 2019: <http://publichealthnewswire.org/?p=environmental-health-in-education>.
- **Latshaw M**. [Dignifying neighborhoods to create opportunities for health](#). Blog for APHA’s 2018 National Public Health Week.
- **Latshaw M**, Obot-Witherspoon N, Carella V. [Wifi Radiation in Schools in Maryland](#). Workgroup Report for the Maryland Children’s Environmental Health Protection Advisory Committee (2015).
- **Latshaw MW** and Jackson R. [How should public health respond to Flint?](#) Public Health Newswire. April 18, 2016.
- **Latshaw MW**. [Make public health a priority](#). The Baltimore Sun. August 23, 2015.

PRACTICE ACTIVITIES

Selected Practice-Related Reports

- Jordan S, Gombert E, **Latshaw MW**, Jennings J, Craig T, Sultan M. [Transit Equity & Environmental Health in Baltimore City](#). October 2024.
- Martin A & **Latshaw MW**. Environmental Health Competencies Prepared for the Environmental Health & Equity Collaborative’s Workforce & Education Workgroup. May 2021. Available at <https://apha.org/Topics-and-Issues/Environmental-Health/Partners/Environmental-Health-and-Equity-Collaborative>.
- McKillop M, Pittluck R, Links J, **Latshaw M**, Watson C, Kirk Sell T. [Climate Change & Health: Assessing State Preparedness](#). Produced by the Trust for America’s Health and the Johns Hopkins Bloomberg School of Public Health. November 2020.
- Jordan S, Latshaw MW, Boyapalli S, Corrigan AE, Bhuyan IA, Holland E, Mohebbi M. [Transit Equity & Environmental Health in Baltimore City](#). September 2021.
- Sampson N, Hollis A, Harris G, Shattuck S, Varga M, Thomas J, Shafei F, Miller-Travis V, Osborne Jelks N, Nieto YA, Price C, **Latshaw M**. [Climate Changes Health: Ensuring Environmental Justice Underlies Public Health’s Climate Change Work](#). 2018 National Environmental Justice Conference and Training Program. Friday, April 27, 2018: Washington, DC.
- [Guidance for State Medical Cannabis Testing Programs](#). Association of Public Health Laboratories. 2016.

Presentations to policymakers, practitioners and the public

- [The Politics and Data Divide in Public Health](#) by Cup of EJ, a Podcast of the Environmental Justice Coalition (2022)
- [How can better public transit inspire a healthier future for Baltimore?](#) The Sci'more Podcast By Project Bridge (2022)

- [Environmental Health 101: Podcast](#) by What In The Health? (2021)
- [Are States Ready for Climate Change?](#) Podcast by the Bloomberg American Health Initiative (2020)
- [Rolling Back a Landmark Environmental Law](#) Podcast by the Bloomberg American Health Initiative (2020)
- Maryland HB0082 - Constitutional Amendment - Environmental Rights Environmental Rights Amendment – Maryland House of Representatives Environment and Transportation Committee (2020)
- Investing in a Robust Environmental Health System - Trust for America's Health Vision for a Healthier America Launch (2016)
- Lead Poisoning - EPA Children's Environmental Health Webinar (2016)
- US National Biomonitoring Network - 2nd International Conference on Human Biomonitoring (2016)
- The Value of Environmental Health Services - National Environmental Health Partnership Council (2016)
- Labs Serving Communities - Iowa Governor's Conference on Health (2015)

Other Practice Activities

- Serve on the Association of Schools and Programs of Public Health (ASPPH) [Climate Change and Health](#) Task Force (2024-present)
- Participated in Environmental Defense Fund's workshop, Understanding Chemical Exposure, Accelerating the Market for Wearable Monitors (2018)
- Introduced speakers at Pulitzer Center's Climate Change Symposium (2018)
- Participated in an expert panel meeting on developing a national network for local Environmental Health Directors convened by the National Association of City and County Health Officials (2016)

ACADEMIC SERVICE

- Berman Institute of Bioethics Justice in Basic Research Agendas (JuBRA) framework Technical Advisory Group (2024 – 2025)
- JHU Council (2022 – 2024): faculty representatives from each school advise President
- [School-wide] Faculty Senate (2022 – 2024)
- JHU Provost Search Committee (2023)
- JHU Sustainability Plan Steering Committee (2021 – 2024)
- EHE Environmental Sustainability, Resilience & Health Track Committee (2019-2021)
- Program Committee for the Johns Hopkins Engineering for Professionals, Environmental Engineering, Science, and Management Programs (2017 – Present)
- [KSAS] Public Health Studies Academic Committee at KSAS (2017 – Present)
- EHE Educational Programs Committee (2016 – Present)
- EHE Practice & Policy Committee (2016 – Present)
- [School-wide] Practice Office Leadership Team (2016 – 2022)
- EHE DrPH Committee (2016 – Present)

PRESENTATIONS

Presentations following successful abstract submission

- [Unusual Patterns of Cancer](#) - American Public Health Association Meeting (2023)
- Tracking and Biomonitoring: A successful partnership for successful health outcomes – American Public Health Association Meeting (2014)
- Prioritization of Laboratory Samples Following a Radiological Event – [Public Health Preparedness Summit](#) (2013)
- [Building a National Biomonitoring System](#) – American Public Health Association Meeting (2011)

Other

- “Transit and Health” – JHU **Civil & Systems Engineering** seminar (2024)
- “Environmental Justice” - [Japan-America Student Conference](#) (2024)
- “The Environment & Your Health - Admitted undergraduate student seminar (2022-present)
- Environmental Health Topics - **Tokyo Medical & Dental University** MPH program (2024)
- “Environmental Racism and Injustice” - JHU chapter of Alpha Kappa Alpha Sorority (2023)
- “Imposter Phenomenon” - **Environmental Health and Engineering Student Organization** panel (2023)
- “Global Environmental Health Careers” - [featured speaker](#) in the 2023 **Global Health Leaders Conference** for about 1,000 students in grades 9-12 (2023)
- “Environmental Justice” - Baltimore’s **Cathedral of Mary Queen** Colloquia (2023)
- “Climate Change and Health” - **NASA’s Johnson Space Center** talk series (2023)
- “Environmental Justice” - [Source of All Hope](#) missionary dinner (2023)
- "Using Environmental Justice Mapping Tools in Regulatory Decision-Making" - **Center for Progressive Reform** session (2022)