D.W. Rowlands

d.w.rowlands@gmail.com
https://dwrowlands.com

PO Box 1205
Greenbelt, MD 20768

EDUCATION

M.S. in Human Geography   **May 2021**
University of Maryland, Baltimore County (UMBC)   *Catonsville, MD*

M.S. in Physical Chemistry   **September 2015**
Massachusetts Institute of Technology (MIT)   *Cambridge, MA*

WORK EXPERIENCE

Brookings Institution Metropolitan Policy Program   **June 2020–Present**
Research Intern and Research Assistant   *Washington, DC*
- Performed GIS analysis using ArcGIS, QGIS, and R.
- Analyzed demographic, economic, and built environment data for studies of US metro areas.
- Authored reports and blog posts for publication on the Brookings website.

University of Maryland, Baltimore County (UMBC)   **Aug 2016–Aug 2019**
Visiting Lecturer in Physical and Analytical Chemistry   *Catonsville, MD*
- Taught general, analytic, and physical chemistry lab and lecture classes.

TECHNICAL PUBLICATIONS

D.W. Rowlands & T.H. Loh (2021). "Reinvesting in Urban Cores Can Revitalize Entire Regions." Research Brief, Brookings Institution Metropolitan Policy Program.

D.W. Rowlands (2021). *A Nation of Neighborhoods: A Quantitative Understanding of US Neighborhoods and Metropolitan Areas*. MS Thesis, University of Maryland, Baltimore County.

D.W. Rowlands & T.H. Loh (2020). "Retail Revolution: The New Rules of Retail Call for Small Business Empowerment." Research Brief, Brookings Institution Metropolitan Policy Program.

D.W. Rowlands (2020). "Understanding Walkable Density." Research Report, City Observatory.

NON-ACADEMIC WRITING EXPERIENCE

Greater Greater Washington   **Jun 2016–Present**
Contributor   *Washington, DC*
- Authored analyses of demographics, public transit, libraries, and governance in the DC region.
- All articles online at https://ggwash.org/contributors/drowlands/.

DC Policy Center   **Jan 2017–Present**
Fellow   *Washington, DC*
- Authored analyses of demographics and public transit in the DC region.
- All articles are online at https://www.dcpolicycenter.org/people/dw-rowlands/.