



Kayla B. Schulte

42 Park End Street OX1 1JD Oxford, United Kingdom
kayla.schulte@sociology.ox.ac.uk | Tel: +44 7460 688320
Website: www.kaylaschulte.com | [Google Scholar](#)

RESEARCH INTERESTS:

Air pollution, inequality, real-time air quality data, knowledge production, digital platforms

EDUCATION

- 2023 **Probationer Research Student, Department of Sociology, University of Oxford**
Dissertation: *Who Cares About the Air? Socio-Economic and Demographic Divides in Air Quality Information Acquisition*
Supervisors: Professor Melinda Mills, Dr. Ridhi Kashyap
- 2017 **M.Sc, School of Geography and the Environment, University of Oxford**
Dissertation: *Low-Cost Platform Problematics: Re-producing Infrastructural 'Knowledges' of Air Quality in America*
Supervisors: Professor Catharina Landström, Dr. James Palmer
- 2013 **B.A., Department of Earth and Environment, Franklin & Marshall College**
Dissertation: *Lux et Lex: Deconstructing U.S. Environmental Policy through a College's Dualistic Identity*
Supervisors: Professor James Strick, Professor Michael Kulilk

RESEARCH POSITIONS

- 2019 **Research Lead**
'Greener Routes' Project (London) - sponsored by [We Make Change](#)
- 2018 **Social Science Researcher**
OxAir Project – sponsored by Oxford City Council, Oxfordshire County Council, DEFRA & the University of Oxford
- 2016-17 **MSc Graduate Researcher**
Department of Geography and the Environment, University of Oxford

- 2014-16 **Research Planning & Outreach Coordinator**
Air, Climate, and Energy National Program, U.S. Environmental Protection Agency
- 2013-14 **Post-Baccalaureate Research Associate**
Department of Earth and Environment, Franklin & Marshall College
- 2012-13 **Policy Researcher**
Investment Office, Franklin & Marshall College
- 2011 **Policy & Research Consultant**
Stewards of the Lower Susquehanna Riverkeeper, Lancaster, Pennsylvania
- 2010 **Environmental Research Lead**
To New York State Assembly Candidate Anna Sterne, Tarrytown, New York

AWARDS

- 2019 Leverhulme Centre for Demographic Science Studentship
- 2018 Air Sensors International Conference Travel Support Recipient
- 2016 University of North Carolina Asheville MLAS Sustainability Award
- 2014 Inaugural Robertson Post-Baccalaureate Award Recipient
- 2009 U.S. National Science Honors Society Award Winner
- 2009 U.S. National Honors Society Award Winner

PUBLICATIONS

Hubbell, B., Kaufman, A., Rivers, L. **Schulte, K.** Hagler, G. Clougherty, J. Cascio, W., Costa, D. Social and Behavioral Drivers and Impacts of Air Quality Sensor Use. *Science of the Total Environment*. April 2018.

PRESENTATIONS

Schulte, K. *Air Quality Platform Problematics: Illuminating the Gap between Platform Design & Applications*. Data Communication Session. Air Sensors International Conference 2018.

GOVERNMENT REPORTS

U.S. Environmental Protection Agency. Air, Climate and Energy Strategic Research Action Plan 2016 – 2019. EPA 601/K-15/005. Washington D.C. September 2015.

Pennsylvania Department of Environmental Protection. Big Spring Run Natural Floodplain, Stream, and Riparian Wetland – Aquatic Resource Restoration Project Monitoring. November 2014.

PROFESSIONAL EXPERIENCE

- Present **Knowledge Exchange Officer**
Department of Sociology, University of Oxford
- 2013-19 **Chief Digital Strategist & Founder**
[Leman LLC](#), New York, USA

- 2012 **Head of Public Outreach**
U.S. EPA sponsored exhibit Documerica, Franklin & Marshall College
- 2012 **Writer, Web Content & Social Media Manager**
ECO18.com at Adinfinitem, New York, New York

TEACHING EXPERIENCE

- 2016 **Teach Green Volunteer Teacher**
 University of Oxford Student Organisation
- 2015 **Extracurricular Teacher**
 Southwest Elementary School, Durham, North Carolina
- 2014 **GIS Teaching Assistant**
 Department of Earth and Environment, Franklin & Marshall College
- 2012 **Tutor**
 Department of Earth and Environment, Franklin & Marshall College

RELEVANT SKILLS & COURSES

Microsoft Office (Word, Excel, Powerpoint, Project)
 Adobe Creative Suite (Photoshop, Illustrator, Audition, Premiere Pro, Dreamweaver)
 Apple Software (GarageBand, FinalCutPro 10X)
 Basic python, HTML and CSS capabilities
 Content Management Systems: WordPress, Drupal, Weebly
 GIS (ESRI software and LAS tools),
 GPS equipment – Trimble GeoXH, RTK GPS R8 and R10, Terrestrial Lidar Scanning
 Fluent in French and Proficient in Spanish

- 2014 Adobe Illustrator Continuing Education Course, PA College of Art and Design
- 2014 Scientific Visualisation Intensive Course
- 2013 ESRI ArcGIS Online Training Certification

PROFESSIONAL SOCIETIES

- 2017 The Oxford Union Society (Hilary Term Appointed Committee Researcher)
- 2017 St. Hilda's College MCR Committee (Domestic Officer)
- 2016 The Geoscience Founder's Society at Franklin and Marshall College

TEXT BOOKS (GRAPHICS)

Breen et al. (Forthcoming). Social Mobility. Stanford University Press.

Mills, M., Barban, N. and Tropf, F. (2019) Introduction to statistical genetics data analysis. MIT Press.

Meritts, D., De Wet, A. and Menking, K., (2014). Environmental geology: an earth system science approach. Macmillan.

PRESS & OTHER WRITINGS

15 November 2018 – [Anthroposphere Feature](#)

26 June 2018 – [Sensing Air Quality in Oxfordshire](#)

13 June 2016 - [Humans of North Carolina](#)