

Christina is passionate about informing the actions of governments and developers as they transform built environments, to lay the groundwork for permanent and long-term improvements to walking conditions on the city's streets. Thanks to the generous support from the Fulbright Commission, the British Schools and Universities Foundation and the Legatum Fellowship, Christina is pursuing this research during a Masters in Urban Science at MIT. Christina received her Bachelor's degree the University of Bristol, graduating with a First Class in Geography with Quantitative Methods.

Christina has collaborated with a number of city governments and international organizations as a Research Data Scientist at The Alan Turing Institute, (the UK's National Institute for AI and Data Science), Christina built machine learning algorithms alongside the Greater London Authority to predict air pollution in real-time. More recently, as a Research Fellow at Carnegie Mellon University, Christina worked closely with Obama's Chief Scientist to develop machine learning systems to automate respiratory health regimens associated with the environmental pollution in the largest private hospital network in Pakistan.

Now, Christina has cofounded a UNICEF Venture fund backed-start-up called AQAI which provides AI-enabled pollution impact assessment. AQAI's open source tool uses remote sensing and machine learning to predict air pollution concentrations globally, enabling policymakers to attribute impact to direct policy changes at the local, national, and regional levels.x