# LIXUE CHEN

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## EDUCATION

**GEORGETOWN UNIVERSITY, McCourt School of Public Policy**                    Washington, D.C.
*Master of Science, Data Science for Public Policy*                                    *May 2020*
Online Editor, *Georgetown Pubic Policy Review*

**THE GEORGE WASHINGTON UNIVERSITY, Columbian College of Arts & Sciences**    Washington, D.C.
*Bachelor of Science in Statistics*, *Political Science*, *Magna Cum Laude*              *May 2018*
*Fall 2017 Capstone Conference Presenter*

## PUBLICATION

Kavanagh, M.M., and Chen, L., 2019. "Governance and Health Aid from the Global Fund: Effects Beyond Fighting Disease." *Annals of Global Health*, 85(1), p.69. DOI: http://doi.org/10.5334/aogh.2505

## WORKING PAPER

Behr, Daniela M.; Chen, Lixue; Goel, Ankita; Haider, Khondoker Tanveer; Singh, Sandeep; Zaman, Asad. 2021. "Introducing the Adequate Housing Index : A New Approach to Estimate the Adequate Housing Deficit within and across Emerging Economies." *Policy Research Working Paper*;No. 9830. World Bank, Washington, DC. © World Bank. https://openknowledge.worldbank.org/handle/10986/36481 License: CC BY 3.0 IGO."

## PROFESSIONAL EXPERIENCE

**International Monetary Fund**                                               Washington, D.C.
**Research Analyst**                                                  *February 2021 – Present*

- Using Python and R to maintain internal databases to support Fund's country surveillance work and consultation
- Tasked with country surveillance technical projects, assisting to produce presentation and reports to the board and sharing with country teams
- Contributing and supporting multiple research working paper projects, co-authoring working paper on distributional effects of natural disasters

**International Finance Cooperation**                                         Washington, D.C.
**Consultant**                                                      *December 2019 – April 2021*

- Used Python with web scrape techniques to collect micro house market information in emerging markets
- Contributed to the development of research methodologies, and used econometric models and machine learning models to build basic housing price prediction methods for emerging markets
- Coauthored working paper on the research project on affordable housing in emerging markets

**McCourt School of Public Policy**                                          Washington, D.C.
**Research Assistant**                                             *September 2019 – May 2020*

- Used Python for initial text data collection and cleaning, performed text mining and sentimental analysis on policy documents and regulations on environmental target's impact on civil servant's review system in China
- Conducted literature reviews and translate findings into quantitative data, and built policy database for research

**O'Neill Institute for National and Global Health Law**                      Washington, D.C.
**Research Assistant**                                             *November 2018 – May 2020*

- Coauthored paper published in *Annals of Global Health,* used R to assemble health funding and governance database, applied statistical and econometric model to analyze the data with R and Stata, and conducted robustness test
- Contributed to the development of HIV Policy Lab (Launched in September 2020), analyzed survey data, and conducted qualitative research and literature review on HIV policy in China

**Export-Import Bank of the United States**                                   Washington, D.C.
**Intern**                                                          *January 2019 – August 2019*

- Conducted research for the production of EXIM's 2018 Competitiveness Report to Congress
- Analyzed Chinese ECA's investments and impacts, created relevant data visualizations, and presented research findings to EXIM staff and senior leaders
- Participated in developing methodology for China export deal database, and created master China export deals database

## SKILLS

**Computer**: Proficient in Python, R, Stata, SAS, Matlab, AWS, SQL, Hadoop, Apache Spark, SPSS, Microsoft Office (Word, Excel, PowerPoint, Outlook, Project, Power BI), Dreamweaver, Photoshop
**Languages**: English (Fluent); Mandarin Chinese (Native); French (Elementary)