

Ruixue (Rae) Li

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Education

Columbia University, USA PhD in Sustainable Development	2022 - Present
University of Chicago, USA Master of Arts in Computational Social Science, Economics Concentration	2019
Nanyang Technological University, Singapore Bachelor of Arts in Economics, 1st Class Honors Bachelor of Engineering in Information Engineering & Media, 1st Class Honors Exchange at Akita International University, Japan, Spring 2014	2015

Work in Progress

Impact of Air Pollution on Consumption Behavior using Credit Card and Mobility Data
with Sefi Roth, Wookun Kim, Alessandro De Marchis
Health Affect of Afforestation in Northern China (draft available upon request)
with Artemis Yuanxiaoyue Yang
Stock Market Reactions to Environmental Activism

Conference Presentations

2026/03: Interdisciplinary PhD Workshop in Sustainable Development
2026/07 (scheduled): 2026 CES China Annual Conference

Research Assistance

2023 - 2024: Research assistant for Douglas Almond, Columbia University
2019 - 2022: Pre-doctoral Research Fellow, Climate Impact Lab, Energy Policy Institute at the University of Chicago
2019: Research Assistant for Peter Hull, Department of Economics, University of Chicago
2018: Summer Research Intern, Energy & Environment Lab, University of Chicago Urban Labs

Teaching

Spring 2026: Experimental Economics (PhD), Columbia University, Prof. Robert Metcalfe
Fall 2025: Intermediate Microeconomics, Columbia University, Prof. Susan Elmes
Spring 2025: Climate Finance, Columbia University, Prof. José Scheinkman and Prof Harrison Hong
Fall 2024: Principles of Economics, Columbia University, Prof. Sunil Gulati
Spring 2024: Intermediate Microeconomics, Columbia University, Prof. Isaac BJORKE
Fall 2023: Intermediate Microeconomics, Columbia University, Prof. Susan Elmes
2012 - 2015: Teaching assistant for undergraduate math, statistics, and computing, Nanyang Technological University

2014: Writing tutor at Akita International University

Honors and Awards

Doctoral Fellowship, Columbia University, 2022–present

Merit-Based Scholarship, University of Chicago, 2017 - 2019

Koh Boon Hwee Scholars Award, Nanyang Technological University, 2015

Japan Student Services Organization International Student Scholarship, 2014

Full Scholarship, Nanyang Technological University, 2010 - 2015

Referee

Nature Communications

Professional Experience

Project Consultant, Works Applications, Japan and Singapore, 2015 - 2016

Reserach Intern, Panasonic Laboratories Singapore, Summer 2012

Skills

Programming

STATA, Python, R, Latex, SQL, HTML, CSS

Software

ArcGIS, MS Office, Adobe Creative Suite

Language

English (fluent), Mandarin Chinese (native), Japanese (fluent), French (intermediate)