

ZHENGRUI CHENG

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EDUCATION

University of Chicago, Harris School of Public Policy	Chicago, IL
Master of Arts in Public Policy , Certificate of Research Methods and Certificate of Financial Policy	June 2021
<i>Recipient of Harris Merit Scholarship</i>	
Carnegie Mellon University	Pittsburgh, PA
Bachelor of Arts in Behavioral Economics, Policy and Organization	May 2019
Minor in International Relations and Politics and Economics	
<i>Graduated with University Honor; Member of Omicron Delta Epsilon Honor Society</i>	

PAPER

Zhengrui Cheng, Haobin Huang, Shaojia Zhu. Comparative Study on the Disclosure of Climate-related Risks for Municipal Bonds: Evidence from China, the United States and France. *Working Paper*.

RESEARCH EXPERIENCE

University of Chicago and US. Security Exchange Commission	Chicago, IL
Research Apprenticeship under Professor Justin Marlowe and SEC	March 2021-June 2021
<ul style="list-style-type: none">Conducted literature review about the climate-change-related risk disclosure mechanisms for treasury and corporate bondsIdentified the key aspects for the disclosure mechanism and overall impact evaluationConstructed a new framework of the climate change disclosure specifically for the municipal bondsPresented the results to the Office of Municipal Securities at U.S. Securities and Exchange Commission	
University of Chicago	Chicago, IL
Research Apprenticeship under Professor Christopher Berry	March 2020-April 2021
<ul style="list-style-type: none">Conducted literature review on the relationship between political connectedness and property taxesConstructed political connection index using data on public positions and political campaign distributionsLinked multiple administrative data sources with the most advanced statistical record linking modelsAnalyzed dynamic of tax avoidance using network analysis and Hamilton Monte Carlo algorithm	
Carnegie Mellon University and Deloitte Consulting	Pittsburgh, PA
Leader a Team of 5, Behavioral Economics Capstone Project	January 2019-May 2019
<ul style="list-style-type: none">Designed a guidebook for incorporating new technology in Deloitte using behavioral interventions in established behavioral literatureCompleted the "Intertemporal Choice" and "Status Quo Bias" parts of the behavioral mechanism identification strategy for the behavioral toolboxDesigned a survey for within-firm data collection and pre-intervention department-level analysisPresented to the senior management team headed by the Deloitte Chief Data Scientist James Guszczka	
Harvard University, Department of Economics	Cambridge, MA
Research Assistant	July 2018-August 2018
<ul style="list-style-type: none">Updated data containing variables for a regression model needed for the paper, "Reshaping Global Trade: The Long-Term Effects of Bank Failures"Corrected the anomalies in the original datasets regarding the populations of various French and US cities in the 1900 and increased the robustness of the cross-sectional regressionsAttended the World Economic History Congress and engaged in discussions with various scholars including Thomas Piketty	
Carnegie Mellon University	Pittsburgh, PA
Independent Research on the Informality of China from 1978 to Present	October 2017-November 2017
<ul style="list-style-type: none">Designed the overall framework of the study and selected the datasets for the team	

- Designed a model to measure the informality of China overtime inspired by electricity estimation model (Kaufmann and Kaliberda, 1996) and currency-demand model (Tanzi, 1983)
- Interpreted the approximation generated and (hypothetically) made policy recommendations to the Chinese government to control its underground economy

Carnegie Mellon University, Center for Behavioral and Decision Research

Pittsburgh, PA

Research Assistant

July 2017-August 2017

- Funded by Summer Undergraduate Research Apprenticeship under Professor George Lowenstein
- Conducted literature review and research for studies related to stimulative messages and graphics and their biological and psychological impacts
- Set up the lab equipment, designed lab consent forms; collected and cleansed data, coded interviews, and video contents

Carnegie Mellon University, Interpersonal Relationship Lab

Pittsburgh, PA

Research Assistant

September 2016-September 2017

- Collected, coded, and analyzed conversational data about participants' marital and psychological well being
- Attended biweekly scholarly meetings, reported the weekly progress on the completion of datasets of 500+ participants
- Collaborated with senior researchers and Prof. Feeney to review literature on the attachment effect of pet ownership

PROFESSIONAL EXPERIENCE

Ruiling Institute of Education Policy Research

Nanning, Guangxi, China

Cofounder and Chief Research Director

September 2020- Present

- Cofounded the education policy think tank and had it chartered by the Ministry of Civil Affairs
- Managed the think tank's daily events, research activities, and overall budgets
- Published multiple articles on the future of textbook industry and analysis on the forthcoming educational reforms in Guangdong and Guangxi provinces
- Interviewed policy specialists, university professors and government officials and compiled their insights on education policies into the seasonal report

Washington Metropolitan Area Transit Authority

Washington, DC

Research Intern, Strategic Initiative Department

January 2018-May 2018

- Updated the data-processing application in Python for monthly reports for the Strategic Initiative team
- Assisted the managing director and team manager on multiple projects aiming to improve the maintenance efficiency throughout the entire WMATA organization by using the available track-data to analyze the impacts of different variables on the maintenance time
- Started original research on the past WMATA incidents through the NTSB database and reports and generated a final report that was directly read by the COO of WMATA
- Helped the managing director of Strategic Initiative to organize director-level events in the organization by designing the event agenda and invitation notes

United States Congress, House of Representatives

Washington, DC

Intern

May 2017-July 2017

- Drafted letters to members of Congress on behalf of Congressman Danny K. Davis on topics covering tax reforms, poverty and welfare, reverse mortgage, and infrastructure
- Communicated with constituents via telephone and mail to address their concerns; summarized constituent concerns in memo form for the office for Congressman Davis to review
- Attended and recorded minutes for hearings/briefings on behalf of the congressman and his chief of staff on policy issues
- Researched job opportunities for young people in foster care and impacts of an extension of the existing bill H.R. 5737

ADDITIONAL INFORMATION

Software & Programming Language: Python, R, STATA, MINITAB, LaTeX, Stan