

LONGWEI CHENG (成龙威)

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EDUCATION

National University of Singapore (NUS) <i>PhD in Finance</i>	<i>Aug. 2021 –</i>
Nanyang Technological University (NTU) <i>Master of Science, Applied Economics</i>	<i>Oct. 2019 – Oct. 2020</i> GPA: 4.7/5.0
Sun Yat-sen University (SYSU) <i>Bachelor of Arts, Accounting</i>	<i>Sept. 2015 – June 2019</i> GPA: 3.8/4.0

RESEARCH INTERESTS

Household Finance; Behavioural Economics; Corporate Finance

RESEARCH WORKS

Working Papers

Political Officials' Tenure and Corporate Innovation *Feb. 2019 – June 2019*
Supervisor: Assoc. Prof. Shigang Li SYSU, China

- Found inverted U-shaped relationships between municipal officials' tenure and the quantity (quality) of corporate innovation by combining Chinese listed-firm data and patent data
- Identified that the relationships are driven by promotion incentives and the channel is through relieving firms' financial constraints
- Rewarded as the Outstanding Bachelor Thesis of SYSU

Natural Resource Abundance and the Allocation of Talent: Evidence from Prefectural-level Data in China *June 2018 – Feb. 2019*
Mentor: Assoc. Prof. Shigang Li SYSU, China

- Identified that natural resource abundance attracts well-educated individuals to work in public sectors due to higher returns to education and better access to rents by combining micro-level Census data and prefecture-level data
- Exploited hand-collected coal production data (1980–2004) of Chinese cities to act as an exogenous variable to measure resource abundance
- Applied a difference-in-differences (DD) framework by using the operation of coal railways as an exogenous shock to alleviate omitted variable bias

Works in Progress

Stubble Burnings, Air Pollution, and Health *Apr. 2020 – June 2020*
NTU, Singapore

- Explored the effects of stubble burnings on monthly ambient air pollution and health outcomes for 193 Indian districts by combining satellite data, ground-based ambient air quality (AAQ) data and Indian DHS 2015-16 data
- Showed positive correlation between stubble burnings and ambient air pollution, and estimated that stubble burnings lead to a 1.037% (1.265%) increase in monthly neonatal (infant) mortality through air pollution

Adverse Adolescent Experience and Long-term Risky Health Behaviours: Evidence from China's Send-down Movement

Apr. 2020 – June 2020

NTU, Singapore

- Examined how adverse adolescent experience affects smoking and drinking behaviours in the long-term, finding that affected youths are less likely to smoke and drink
- Employed a fuzzy regression discontinuity design (fuzzy RDD) by using the “Send-down” Movement — forcing eligible youths into rural areas — during China's Cultural Revolution as an external shock

RESEARCH & TEACHING EXPERIENCE

Oct. 2020 – Jan. 2021

Research Assistant, NUS, Singapore

Temporary Research Assistant for COVID-19 related project and US-China relation

Data collection in external databases and online environments

Summarize research papers, reviews and reports

Cleaning and merging datasets

Mentor: Prof. Bernard Yeung

Nov. 2017 – Feb. 2019

Research Assistant, SYSU, China

Built illegal officials' personal traits and working experiences database since 18th National Congress of the CPC from resumes

Constructed the boundaries of city's new areas database in China since 1990 according to official comprehensive planning and Baidu Maps

Mentor: Prof. Li Zhang and Assoc. Prof. Shigang Li

2016–2017 (Spring)

Teaching Assistant, Macroeconomics I, SYSU, China

Undergraduate level, 1st year

Supervisor: Assoc. Prof. Yang Yang

EXTRA-CURRICULAR EXPERIENCE

Does Climate Change Make Countries More Fragile?

Feb. 2018

- Constructed two new indexes of state fragility taking into account the effect of climate changes using the Entropy-based Synthetic Evaluation Model and the Back Propagation Neural Network
- Estimated the tipping point of becoming a fragile state and the cost of state driven interventions in Mexico
- Awarded as the Meritorious Winners in the Interdisciplinary Contest in Modeling (ICM)

The Role of Students' Association in Hong Kong

June 2016 – Nov. 2017

Mentor: Prof. Zhaohui Long

- Conducted field research to investigate the influence of students' association on students' political expression by evidence from the Umbrella Movement in Hong Kong
- Cooperated with 3 teammates to design 12 semi-structured questionnaires for a longitudinal study with 13 Hong Kong students and teachers for one year
- Funded by "Challenge Cup" National College Students' Extracurricular Academic Science and Technology Contest

HONOURS & AWARDS

<i>2017, 2018</i>	Second-Class Scholarship, SYSU
<i>2017</i>	National Second Prize, "Challenge Cup" National College Students' Extracurricular Academic Science and Technology Contest
<i>2018</i>	Meritorious Winners, Interdisciplinary Contest in Modeling (ICM)
<i>2019</i>	Outstanding Bachelor Thesis, SYSU
<i>2021</i>	NUS Research Scholarship, NUS

SKILLS

Languages

Mandarin	Native
Cantonese	Native
English	Fluent

Software

Stata, R
Python
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