

RUI SUN

Department of Economics, University of Connecticut, 365 Fairfield Way, Storrs, CT 06269

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EDUCATION

University of Connecticut, USA May 2021 (expected)
Ph.D. Candidate, Economics
Dissertation Topic: “Essays on Selection on Unobservables and Dynamic Panel Models”
Committee: Chihwa Kao (major advisor), Stephen L. Ross, Min Seong Kim, Jungbin Hwang
M.S., Quantitative Economics

Johns Hopkins University, USA 2015
M.S., Finance & M.S., Applied Economics

Chongqing University, China 2012
B.S., Finance

RESEARCH INTERESTS

Econometrics, Applied Econometrics, Machine Learning

TEACHING INTERESTS

Econometrics, Applied Time Series, Machine Learning, R/Python Programming

PUBLICATIONS

“A Bias-Corrected Fixed Effects Estimator in the Dynamic Panel Data Model” (with Chihwa Kao and Long Liu), Accepted at *Empirical Economics*

WORKING PAPERS

“Using Machine Learning Methods to Address Selection on Unobservables”
“Bias-Corrected FE Estimator with Exogenous Variables and Heteroskedasticity in Dynamic Panel Models”

WORK IN PROGRESS

“Essential Employment and Deaths from Covid-19” (with Nathan Fiala and Thomas Krümel)
“Inference on Dynamic Discrete Choice Models: Hyperbolic Discounting versus Subjective Expectations” (with Yonghong An and Ruli Xiao)
“Test for Change in Persistence in the Dynamic Panel Model”

CONFERENCES AND SEMINARS

New York Camp Econometrics XIV Apr 2019
2019 Asian Meeting of the Econometric Society Jun 2019
2019 China Meeting of the Econometric Society Jun 2019
Econometrics Seminar, University of Connecticut 2018 - 2019

ACADEMIC EXPERIENCE

University of Connecticut

Instructor

ECON 2312: Empirical Methods in Economics II (Rating: mean 4.8/5 & median 5/5)	Fall 2018
ECON 3313: Elementary Forecasting in Economics (Rating: mean 4.6/5 & median 5/5)	Spring 2019
ECON 2311Q: Econometrics I (Rating: mean 4.6/5 & median 5/5)	Fall 2019
ECON 3313: Elementary Forecasting in Economics (Rating not available)	Spring 2020

Teaching Assistant

ECON 2201-2: Intermediate Microeconomic Theory	Fall 2016
ECON 2201-3: Intermediate Microeconomic Theory	Fall 2016
ECON 1000: Essentials of Economics	Fall 2016
ECON 1200: Principles of Economics (Intensive)	Spring 2017
ECON 2201: Intermediate Microeconomic Theory	Spring 2017
ECON 2447: Economics of Sports	Spring 2017

Research Assistant

Professor Chihwa Kao	Fall 2017 & Spring 2018
Professor Nathan Fiala	Fall 2020 & Spring 2021

Eastern Connecticut State University

Instructor

FIN/BUS 445: Case Studies in Financial Management	Fall 2020
FIN/BUS 445: Case Studies in Financial Management	Spring 2021(scheduled)

AWARDS AND HONORS

Awards

Economics Department Graduate Assistantship	2016 - present
Eleanor Bloom Fellowship	2017-2019
Timothy A. and Beverly C. Holt Economics Fellowship	Mar 2018
Economics Department General Scholarship	Apr 2019
Doctoral Dissertation Fellowship	Jun 2019
Eleanor Bloom Supplemental Funds	Jul 2019
Doctoral Student Travel Fellowship	Aug 2019
Graduate School Pre-Doctoral Fellowship	Apr 2020

Honors

2019 University Outstanding Graduate Teaching Award Nomination	Nov 2018
2020 University Outstanding Graduate Teaching Award Nomination	Nov 2019
Provost Recognition for Excellence in Teaching	Feb 2019
Provost Recognition for Excellence in Teaching	May 2019
Provost Recognition for Excellence in Teaching	Feb 2020

COMPUTER SKILLS

R, Python, Stata, Matlab, L^AT_EX

LANGUAGE SKILLS

English(fluent), Chinese(native)

REFERENCES

Chihwa Kao (Major Advisor)
Professor
Department of Economics
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