

# XUETAO SHI

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## ACADEMIC POSITIONS

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Lecturer, School of Economics, the University of Sydney 2020 - present

## EDUCATION

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Ph.D., Economics, University of Washington, USA	2014 - 2020
M.A., Economics, University of Washington, USA	2014 - 2016
M.A., Economics, Vanderbilt University, USA	2012 - 2014
M.Eng., Electrical Engineering, Xi'an Jiaotong University, China	2010 - 2012
M.Sc., General Engineering, Ecole Centrale de Lyon, France	2008 - 2010
B.Eng., Electrical Engineering, Xi'an Jiaotong University, China	2006 - 2008

## RESEARCH AND TEACHING FIELDS

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Econometric Theory, Machine Learning, Applied Econometrics, Industrial Organization

## PUBLICATION

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- [1] “Uniform Inference in a Generalized Interval Arithmetic Center and Range Linear Model,” with Yanqin Fan, *Econometric Theory*, 2021
- [2] “Partial Identification and Inference in Moment Models with Incomplete Data,” with Yanqin Fan and Jing Tao, *Journal of Econometrics*, 2022

## WORKING PAPER

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- [1] “Wald, QLR, and Score Tests When Parameters are Subject to Linear Inequality Constraints,” with Yanqin Fan, conditionally accepted at *Journal of Econometrics*
- [2] “Estimation and Inference in Games of Incomplete Information with Non-separable Unobserved Heterogeneity and Large State Space,” with Yanqin Fan and Shuo Jiang, under review

## WORK IN PROGRESS

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- “Iterative Distributed Multinomial Regression,” with Yanqin Fan and Yigit Okar
- “Testing Linear Equality Constraints for Trending Data When Parameters are Subject to Linear Inequality Constraints.”
- “On Tests of Inequality Constraints When the Parameter Space is Defined by Inequalities.”
- “One-Sided Testing Problem When Parameters are Subject to Inequality Constraints.”
- “Doubly Robust Estimation and Inference via Moment Selection,” with Shuo Jiang

## PUBLICATION IN ENGINEERING

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- [1] “An approach for economic assessment on oil-paper insulation diagnosis through accelerated aging experiments,” with Wen Cao and Baosheng He, *IEEE Transactions on Dielectrics and Electrical Insulation*, 24(4), 1842-1850, 2014
- [2] “Improvement on Condition Assessment Model for Oil-paper Insulation,” with Yuan La, *High Voltage Engineering*, 39, 1974-1980, 2013
- [3] “The investigation on dispersion of characteristic parameters for assessment of insulating state and economic feasibility in oil-paper insulation diagnosis,” with Wen Cao and Wei Shen, *2012 IEEE International Conference on Condition Monitoring and Diagnosis*, 913-916, 2012

## HONORS, AWARDS AND FELLOWSHIPS

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Langton Award for Distinguished Undergraduate Teaching, University of Washington	2019
Ensley Fellowship, University of Washington	2019
Buechel Scholarship, University of Washington	2018
Most Outstanding Student, Vanderbilt University	2014
James S. and Rosemary Worley Award, Vanderbilt University	2013
Eiffel Excellence Scholarship, Ministry of Foreign Affairs, France	2010

## SEMINAR PRESENTATIONS

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University of Kansas, York University, Auburn University, Queen Mary University of London, University of Illinois Urbana-Champaign, the University of Sydney	2020
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## CONFERENCE PRESENTATIONS

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Annual Conference of the International Association for Applied Econometrics	2021
6th Seattle-Vancouver Econometrics Conference (UBC, Canada), North American Summer Meeting of the Econometric Society (University of Washington), 9th Shanghai Econometrics Workshop (SUFU, China)	2019
4th Seattle-Vancouver Econometrics Conference (University of Washington)	2017

## RESEARCH EXPERIENCE

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Research Assistant for Professor Yanqin Fan, University of Washington	SUM 2019
Research Assistant for Professor Mario Crucini, Vanderbilt University	2013-2014

## TEACHING EXPERIENCE

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Instructor, Econ 482 Econometric Theory and Practice	SPR 2019, SPR 2020
Instructor, Econ 382 Introduction to Econometrics	AUT 2018, WIN 2019
Instructor, Econ 200 Introduction to Microeconomics	SUM 2017, SUM 2018
Teaching Assistant, Econ 582 Econometrics III (PhD level)	SPR 2017
Teaching Assistant, Econ 382 Introduction to Econometrics	AUT 2017, WIN 2018
Teaching Assistant, Econ 200 Introduction to Microeconomics	AUT 2015, WIN 2016, SPR 2016

## PROFESSIONAL ACTIVITIES

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Referee for: *Journal of Econometrics, Econometric Reviews*

## PERSONAL INFORMATION

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Languages: English (fluent), French (fluent), Chinese (native)

Computing: C/C++, Matlab, R, Stata, Eviews

## REFERENCES

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Professor Yanqin Fan (Chair)  
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