# CHARLOTTE URSENBACH


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## RESEARCH INTERESTS

Industrial Organization, Econometrics, Microeconomics

## EDUCATION

**Western University**
Ph.D. Economics, 2027 (expected)
Committee: David Rivers, Salvador Navarro, Nail Kashaev

**University of Calgary**
M.A. Economics, 2018
B.Sc. Pure Mathematics, 2016
B.A. Honours Economics, 2016

## JOB MARKET PAPER

**Production Function Estimation with Measurement Error in Capital**


Capital is notoriously hard to measure, and measurement error in capital can substantially bias estimates of production functions and productivity. Although this problem has been discussed for decades, no consensus exists on how best to correct for it. I develop a nonparametric firm-level production function estimator that corrects for capital measurement error by leveraging a "perpetual inventory" assumption on capital accumulation that is typical in the literature. Applying it to Chilean manufacturing data, I find that standard approaches systematically understate the output elasticity of capital and overstate how much productivity varies across firms.


## PAPERS IN PROGRESS

**Estimating Production Functions in Continuous Time**

**Inventories and Risk Aversion**

**Do Firms In Bankruptcy Proceedings Forecast Honestly?**

## RESEARCH ASSISTANTSHIPS

SSHRC Partnership Grant, Western University, David Rivers, 2021 & 2023
Western University, Stephen Sapp, 2022

## AWARDS AND SCHOLARSHIPS

Ontario Graduate Scholarship (2020-2021)
Sir Arthur Currie Memorial Scholarship (2019-2020)

## TEACHING

**Lecturer, Western University**

- Intermediate Econometrics I (Honours) *Fall 2024*
- Intermediate Microeconomic Theory II *Winter 2024*
- Intermediate Microeconomic Theory I *Winter 2023*

**Teaching Assistant, Western University**

- Principles of Macroeconomics *Winter 2022 ,Winter 2019*
- Principles of Microeconomics *Fall 2021, Fall 2020, Fall 2018*
- International Economics *Summer 2020*
- Development Economics *Summer 2020*
- Econometrics and Quantitative Methods II (Graduate) *Winter 2020*
- Econometrics and Quantitative Methods I (Graduate) *Fall 2019*

**Teaching Assistant, University of Calgary**

- Principles of Microeconomics *Winter 2018, Fall 2017*

## SOFTWARE SKILLS

MATLAB, Python, Excel, LaTeX, Git, R, Stata, C, Java

## REFERENCES

David Rivers
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