

MAGDALENA BENNETT

Summary

Assistant Professor in the Statistics Group at McCombs School of Business, the University of Texas at Austin.

Research interests in **statistical methodologies for causal inference**, and how new techniques can be applied to the fields of **economics of education, health, and poverty**.

Contact information

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ACADEMIC POSITIONS

Present
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2020



Assistant Professor

IROM Department, McCombs School of Business, the University of Texas at Austin

🎓 EDUCATION

2020
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2015



PhD. Candidate, Economics and Education

Teachers College, Columbia University, New York, NY

2014
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2013



MSc. Social Policy (Research)

London School of Economics, *Merit Distinction*, London UK

2012
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2010



MSc. Engineering Science (Applied Microeconomics)

P. Universidad Católica, *Maximum Distinction*, Santiago, Chile

2010
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2005



BS. Industrial Engineering

P. Universidad Católica, *Maximum Distinction*, Santiago, Chile



PUBLICATIONS

2021



All Things Equal? Heterogeneity in Policy Effectiveness against COVID-19 Spread in Chile

World Development. Vol 137. 105208

2021



Better Together? Social Networks in Truancy and the Targeting of Treatment

Journal of Labor Economics. Vol 39 (1)

• Co-authored with Peter Bergman

2020



Building Representative Matched Samples with Multi-valued Treatments in Large Observational Studies

Journal of Computational and Graphical Statistics. Vol 29 (4) pp 744-757

• Co-authored with J. Vielma and J. Zubizarreta

- 2018
- **Design and Implementation of an Alternative Admission Program to Engineering: Talent and Inclusion**
Studies of Higher Education (CSHE), 43(8) p.1454-1467
 - Co-authored with I. Hiliger, C. Gelmi, L. Cifuentes, and J. de la Llera

WORKING PAPERS AND ON-GOING RESEARCH

- 2021
- **Biased Beliefs and the Dynamic Role of Information in College Choice**
Randomized Controlled Trial in Chile
 - Project with Claudia Allende
- 2020
- **How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff**
Job Market Paper
- 2019
- **Breastmilk and its effects in Bronchopulmonary Dysplasia and other major morbidities in Very Low Birthweight Infants**
Working Paper
 - Co-authored with J. Tapia, J. Fabres, G. Marshall, P. Mena, M. Escalante, D. Sabatelli, N. Dinerstein, D. Masoli, and J.R. Zubizarreta
- 2014
- **Socioeconomic Diversity within Schools: The Impact of a Preferential Voucher Scheme in Chile**
Working Paper
 - LSE Master Dissertation
- 2013
- **Incentives for studying teaching: The case of the vocational scholarship**
Estudios Publicos N 131, Centro de Estudios Publicos
 - Co-authored with F. Claro, R. Paredes, and T. Wilson
- 2012
- **Rethinking Sequencing of Pregnancy, School Dropout and Marriage: An Analysis of DHS Data on Early Childbearing and Educational Trajectories in Six Latin American Countries**
Report, Inter-American Development Bank
 - Co-authored with E. Naslund-Hadley, E. Vezza, and P. Giovagnoli
- 2012
- **Cognitive Abilities and Preschool Education in Chile**
Working Paper
 - PUC Master Dissertation

RESEARCH EXPERIENCE

- 2020
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2016
- **Senior Research Assistant**
Prof. Peter Bergman, Teachers College, Columbia University
- 2017
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2015
- **Research Assistant**
Prof. Jose Zubizarreta, Columbia University

2014 | 2011

- **Research Assistant**
Prof. Ricardo Paredes, P. Universidad Católica de Chile
 - Collaboration in data analysis, and co-authorship in academic papers regarding economics of education topics.

2013/2014 | 2012

- **Research Analyst**
Abdul Latif Jameel Poverty Action Lab (J-PAL), Santiago, Chile

2012

- **External Consultant**
Inter-American Development Bank (IDB), Washington, DC

TEACHING EXPERIENCE

2021

- **Professor**
The University of Texas at Austin
 - Data Science for Business Applications (Spring '21)

2019 | 2015

- **Teaching Assistant**
Columbia University
 - Advanced Microeconomics (Prof. Peter Bergman, Fall 19 and Fall 17)
 - Causal Inference Methods (Prof. Sarah Cohodes, Fall 18)
 - Field Experiments (Prof. Peter Bergman, Spring 18)
 - Data Mining (Prof. Ben Goodrich, Fall 16)
 - Data Analysis (Prof. Ben Goodrich, Spring 16)
 - Economics of Education (Prof. Henry Levin, Fall 15)

2011 | 2007

- **Teaching Assistant**
P. Universidad Católica de Chile
 - Applied Econometrics (2011)
 - Industrial Organization (2010-2011)
 - Introduction to Economics (2010)
 - Calculus I (2007-2011)

PRESENTATIONS

2020

- **All Things Equal? Heterogeneity in Policy Effectiveness against COVID-19 Spread in Chile**
Economics and COVID-19 Seminar. *Universidad Adolfo Ibáñez*. Santiago, Chile

2020

- **All Things Equal? Heterogeneity in Policy Effectiveness against COVID-19 Spread in Chile**
3rd Workshop of Applied Modelling for COVID-19 in Chile. *Mesa Social COVID-19*. Santiago, Chile

2019

- **Building Representative Matched Samples with Multivalued Treatments in Large Observational Studies**
ENAR Spring Meeting, Philadelphia, PA

2019

- **How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff**
AEFP Annual Conference, Kansas City, MO

2019

- **How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff**
SREE Spring Conference, Washington, DC

- 2018 • **Better Together? Social Networks in Truancy and the Targeting of Treatment**
APPAM Fall Research Conference, Washington, DC
- 2018 • **Better Together? Social Networks in Truancy and the Targeting of Treatment**
AEFP Annual Conference, Portland, OR
- 2017 • **Building a representative matched sample with treatment doses**
Empirics and Methods in Economics Conference, Chicago, IL
- 2016 • **Representative Template Matching**
Economics of Education Seminar, Columbia University, New York, NY
- 2014 • **Cognitive Abilities and Preschool Education in Chile**
Second Meeting of the Network of Chilean Researchers in Education, Bristol, UK
- 2013 • **Impact of Attending Preschool in Chile: Short and Medium-Term Outcomes**
MIDE UC Conference, Santiago, Chile

★ AWARDS, HONORS, AND GRANTS

- 2019 • **Distinguished Student Paper Award**
ENAR International Biometrics Society
· Bennett, M., Vielma, J., and Zubizarreta, J., "Building Representative Matched Samples with Multi-valued Treatments" (2019)
- 2018 • **Post-Primary Education Initiative Grant (\$45,000)**
Poverty Action Lab (J-PAL)
· Allende, C. and Bennett, M., "Biased Beliefs and the Dynamic Role of Information in College Choice"
- 2018 • **Education Policy Dissertation Research Fellowship**
Teachers College, Columbia University
- 2014 • **Fulbright PhD Scholar**
Fulbright Foundation

Software Skills

- 💻 Statistical software: R (advanced), Stata (advanced)
- 💻 Programming Languages: Python (advanced)
- 💻 Other software: ArcGIS (advanced), MS Excel (advanced), CSPro (advanced)

Additional information

- 🗣 Languages: English (fluent), Spanish (native)
- 📍 Nationality: Chilean