

MAGDALENA BENNETT

Last updated: September 2023

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

✉ m.bennett@austin.utexas.edu

📠 Of. CBA 6.476

☎ 512-471-3322

🌐 magdalenabennett.com

🐦 [maibennett](https://twitter.com/maibennett)

🐙 github.com/maibennett

👜 ACADEMIC POSITIONS

- Present | 2020 • **Assistant Professor**
IROM Department, McCombs School of Business, the University of Texas at Austin
- Present | 2022 • **Research Affiliate**
Learning Collider
- Present | 2022 • **Research Affiliate**
Population Research Center at The University of Texas at Austin

🎓 EDUCATION

- 2020 | 2015 • **PhD., Economics and Education**
Teachers College, Columbia University, New York, NY
- 2014 | 2013 • **MSc. Social Policy (Research)**
London School of Economics, *Merit Distinction*, London UK
- 2012 | 2010 • **MSc. Engineering Science (Applied Microeconomics)**
P. Universidad Catolica, *Maximum Distinction*, Santiago, Chile
- 2010 | 2005 • **BS. Industrial Engineering**
P. Universidad Catolica, *Maximum Distinction*, Santiago, Chile

★ AWARDS, HONORS, AND GRANTS

- 2023 • **Research Excellence Grant (\$12,900)**
The University of Texas at Austin

· Bennett, M. "Changes in School Attendance Zones over Time: The Effect of Segregation on Zoned-In and Zoned-out Areas"

- 2022 ● **Research Excellence Grant (\$20,000)**
The University of Texas at Austin & Herb Kelleher Entrepreneurship Center
· Bennett, M., Fuchs, W., and Millan, J. "Determinants of Success in the Context of Microcredits"
- 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



PUBLICATIONS

- 2022 ● **Cancer History is Associated with Slower Speed of Cognitive Decline in Patients with Amnesic Cognitive Impairment**
Journal of Alzheimer's Disease
· Co-authored with M. I. Behrens, R. Castillo, D. Ponce, N. Rogers, & R. Vergara
- 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
- 2020 ● **Physical activity patterns in healthy and cognitively impaired older Chileans using wireless-enabled wearable technology devices: Prevention (nonpharmacological)/Exercise**
· Co-authored with N. Rogers, J. Lazcano, S. Herrera, J. More, C. San Martin, C. Romero, N. Grispun, J. Valdes, M. I. Behrens
- 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

- 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

WORKING PAPERS AND ON-GOING RESEARCH

- 2023 ● **Biased Beliefs and the Dynamic Role of Information in College Choice**
Randomized Controlled Trial in Chile
· Project with Claudia Allende
- 2023 ● **Beyond Exclusion: The Role of the Causal Effect of Testing on Attendance on the Day of the Test**
Working Paper
· Co-authored with C. Neilson and N. Rojas
- 2023 ● **Determinants of Success in the Context of Microcredits**
Ongoing observational study and field experiment
· Project with William Fuchs and Jaime Milln
- 2023 ● **Difference-in-Differences using Mixed-Integer Programming Matching**
Working Paper
- 2022 ● **How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff**
Job Market Paper

SELECTED PRESENTATIONS

- 2023 ● **Beyond Exclusion: The Role of the Causal Effect of Testing on Attendance on the Day of the Test**
Workshop on Economics of Education. Universidad de Los Andes, Valle Nevado, Chile.
- 2023 ● **Changes in School Attendance Zones over Time: The Effect of Segregation on Zoned-In and Zoned-out Areas**
AEEP Annual Conference. Denver, CO.
- 2022 ● **A Differences-in-Differences Approach using Integer Programming Matching**
Universidad Diego Portales. Santiago, Chile.
- 2022 ● **Beyond Exclusion: The Role of the Causal Effect of Testing on Attendance on the Day of the Test**
Microsoft Research Seminar. *Online. (Invited talk)*
- 2022 ● **Beyond Exclusion: The Role of the Causal Effect of Testing on Attendance on the Day of the Test**
American Causal Inference Conference (ACIC). UC Berkeley. Berkeley, CA. *Poster Presentation*
- 2021 ● **Beyond Exclusion: The Role of the Causal Effect of Testing on Attendance on the Day of the Test**
SREE Conference. *Online. (Presented by co-author in a conference that we both attended)*

- 2021 ● **A Differences-in-Differences Approach using Integer Programming Matching**
SREE Conference. *Online*
- 2021 ● **How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff**
UCSD Econometric Seminar. University of California San Diego. San Diego, CA. *Online*
- 2021 ● **How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff**
International Methods Colloquium, Wake Forest University. *Online*
- 2020 ● **All Things Equal? Heterogeneity in Policy Effectiveness against COVID-19 Spread in Chile**
Economics and COVID-19 Seminar. *Universidad Adolfo Ibanez*. 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
- 2020 ● **How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff**
Atlantic Causal Inference Conference. *Suspended due to COVID-19*. Austin, TX
- 2019 ● **Building Representative Matched Samples with Multivalued Treatments in Large Observational Studies**
ENAR Spring Meeting, Philadelphia, PA
- 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**
NBER Economics of Education Meeting. Cambridge, MA. *(Presented by co-author in a conference that we both attended)*

🔍 RESEARCH EXPERIENCE

- 2020
|
2016 ● **Senior Research Assistant**
Prof. Peter Bergman, Teachers College, Columbia University
- 2017
|
2015 ● **Research Assistant**
Prof. Jose Zubizarreta, Columbia University
- 2014
|
2011 ● **Research Assistant**
Prof. Ricardo Paredes, P. Universidad Catolica de Chile
- 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

Present
|
2021



Professor

McCombs School of Business, The University of Texas at Austin

· Data Science for Business Applications (Spring '21); Data Science For Business Applications - Honors (Fall '21, Fall '22, Fall '23)

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)



STUDENT ADVISING

2023



PhD. Dissertation Committee, Economics Department

Gue Sung Choi

Jinyeong Son

· University of Texas at Austin

2023



PhD. Dissertation Committee, Statistics Group, McCombs School of Business

Pedro Santos

Shentao Yang

· University of Texas at Austin

Software Skills



Statistical software: R (advanced), Stata (advanced)



Programming Languages: Python (advanced)



Other software: ArcGIS (advanced), MS Excel (advanced)

Additional information



Languages: English (fluent), Spanish (native)



Nationality: Chilean