MAGDALENA BENNETT

Research Interests: Causal Inference Methodologies; Impact Evaluations; Economics of Education, particularly in segregation and school choice.

🎓 EDUCATION

2020 | 2015

PhD. Candidate, 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

👨‍💻 ACADEMIC EXPERIENCE

Present | 2016

Senior Research Assistant
Prof. Peter Bergman
📍 Teachers College, Columbia University

· Design and analysis for spillover effects using social networks. Assistance in design, coding, and quantitative analysis of RCTs and observational studies.

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)

2017 | 2015

Research Assistant
Prof. Jose Zubizarreta
📍 Columbia University

· Research analysis in causal methods papers using integer programming matching algorithms and stable balance weighting. Development of new matching techniques.

CONTACT

✈ mb3863@tc.columbia.edu
🐦 maibennett
🐙 github.com/maibennett
🔗 magdalenabennett.com
📞 (917) 615-9365

SOFWARE SKILLS

R
Stata
Python
ArcGIS
MS Excel

ADDITIONAL INFO

💬 Languages: Spanish (native), English (fluent)

✈ Nationality: Chilean

REFERENCES

Prof. Peter Bergman

📝 Columbia University

Prof. Jose Zubizarreta

📝 Harvard University

Prof. Elizabeth Tipton

📝 Northwestern University

2014 | 2011

Research Assistant
Prof. Ricardo Paredes

📍 P. Universidad Catolica de Chile

- Collaboration in data analysis, and co-authorship in academic papers regarding economics of education topics.

2011 | 2007

Teaching Assistant

📍 P. Universidad Catolica de Chile

- Applied Econometrics (2011)
- Industrial Organization (2010-2011)
- Introduction to Economics (2010)
- Calculus I (2007-2011)

💼 PROFESSIONAL EXPERIENCE

2013/2014 | 2012

Research Analyst
Abdul Latif Jameel Poverty Action Lab (J-PAL)

📍 Santiago, Chile

- Design, implementation and analysis of impact evaluation of educational programs in Chile using randomized controlled trials.

2012

External Consultant
Inter-American Development Bank (IDB)

📍 Washington, DC

- Research and elaboration of academic papers for Latin American countries, comparing their teaching performance with other developing and developed countries under TIMMS outcomes.

2012 | 2010

Analyst
School of Engineering, P. Universidad Catolica

📍 Santiago, Chile

- Design and implementation of econometric prediction models for new complementary admission system. Performance analysis for admitted students under the selection cutoff.

2012

Intern
Inter-American Development Bank (IDB)

📍 Washington, DC

- Research and elaboration of academic paper related to teenage pregnancy, school dropout, and early unions using DHS data.

📖 PHD RESEARCH

2019

How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff
Job Market Paper

2019

Better Together? Social Networks in Truancy and the Targeting of Treatment
Journal of Labor Economics (Accepted)

- Co-authored with Peter Bergman

2019 Building Representative Matched Samples with Multi-valued Treatments in Large Observational Studies
Working Paper *(Submitted)*

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

2019 Biased Beliefs and the Dynamic Role of Information in College Choice
Randomized Controlled Trial in Chile

· Project with Claudia Allende

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

📖 OTHER RESEARCH

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

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

📈 PRESENTATIONS

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

2018 Burke Scholarship Award
Teachers College, Columbia University

2014 Fulbright PhD Scholar
Fulbright Foundation