

## Magdalena Bennett

---

125 Green St. Apt 3D  
Brooklyn, NY 11222  
(917) 615-9365  
mb3863@tc.columbia.edu - mai.bennett@gmail.com  
<http://www.magdalenabennett.com>

### RESEARCH INTERESTS

Causal inference methodologies; Economics of education, particularly in educational segregation and impact evaluation of educational policies.

### EDUCATION

<b>Columbia University</b> Doctorate (c) in Economics and Education (PhD)	Jan 2015 - Present
<b>London School of Economics</b> MSc. Social Policy (Research), <i>Merit Distinction</i>	Sep 2013 - Sep 2014
<b>P. Universidad Catolica de Chile</b> MSc. in Engineering Science, Applied Microeconomics, <i>Maximum Distinction</i>	Dec 2010 - Nov 2012
<b>P. Universidad Catolica de Chile</b> BS. in Civil Industrial Engineer, <i>Maximum Distinction</i>	Mar 2005 - Dec 2010

### ACADEMIC EXPERIENCE

<i>Senior Research Assistant</i> Prof. Peter Bergman, Teachers College - Columbia University, New York <ul style="list-style-type: none"><li>• Co-authorship, design, and analysis for spillover effects using social networks.</li><li>• Assistance in design and quantitative analysis of RCTs.</li><li>• Code design and implementation for multiple hypotheses testing using IV approach.</li></ul>	May 2016 - Present
<i>Research Assistant</i> Prof. Jose Zubizarreta, Columbia University, New York <ul style="list-style-type: none"><li>• Assistance in causal methods papers using integer programming matching algorithms and stable balance weighting. Co-authorship in representative template matching paper.</li></ul>	Jun 2015 - Aug 2017
<i>Teaching Assistant</i> Columbia University, New York <ul style="list-style-type: none"><li>• Causal Inference Methods (Prof. Sarah Cohodes, Fall '18)</li><li>• Field Experiments (Prof. Peter Bergman, Spring '18)</li><li>• Advanced Microeconomics (Prof. Peter Bergman, Fall '17)</li><li>• Data Mining (Prof. Benjamin Goodrich, Fall '16)</li><li>• Data Analysis (Prof. Benjamin Goodrich, Spring '16)</li><li>• Economics of Education (Prof. Henry Levin, Fall '15)</li><li>• Educational Privatization and School Choice (Prof. Sam Abrams, Spring '15)</li></ul>	Jan 2015 - Present
<i>Research Assistant</i> Prof. Ricardo Paredes, P. Universidad Catolica, Santiago - Chile <ul style="list-style-type: none"><li>• Collaboration in data analysis and co-authorship in academic papers regarding economics of education topics.</li></ul>	Mar 2011 - Dec 2014

*Teaching Assistant*

Mar 2007 - Dec 2011

P. Universidad Catolica, Santiago - Chile

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

**PROFESSIONAL** *Research Analyst*

2012 - 2013/ 2014

**EXPERIENCE** 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.

*External Consultant*

2013

Inter-American Development Bank (IDB) – Education Department, 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.

*Analyst*

2010-2012

Faculty of Engineering PUC – Social Responsibility Department, Santiago - Chile

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

*Intern*

2012

Inter-American Development Bank (IDB) – Education Department, Washington DC

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

**RESEARCH**

PhD RESEARCH

Bennett, M. (2019). “How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff”. Working Paper, Teachers College - Columbia University.

Bennett, M. & Bergman, P. (2019). “Better Together? Social Networks in Truancy and the Targeting of Treatment”. *Journal of Labor Economics* (*Forthcoming*).

Bennett, M., J. Vielma, & Zubizarreta, J. (2018). “Building Representative Matched Samples with Multi-valued Treatments in Large Observational Studies: Analysis of the Impact of an Earthquake on Educational Attainment”. Working Paper, Columbia University, (*Submitted*).

Allende, C. & Bennett, M. (2019). “Biased Beliefs and the Dynamic Role of Information in College Choice”.

Tapia, J., J. Fabres, M. Bennett, G. Marshall, P. Mena, M. Escalante, D. Sabatelli, N. Dinerstein, D. Masoli, & J. Zubizarreta (2019). “Breastmilk and its effects in Bronchopulmonary Dysplasia and other major morbidities in Very Low Birthweight Infants”. Working Paper.

## PREVIOUS RESEARCH

Hilliger, I., C. Gelmi, M. Bennett, & de la Llera (2018). "Design and Implementation of an Alternative Admission Program to Engineering: Talent and Inclusion". *Studies of Higher Education (CSHE)*, 43(8) p.1454-1467.

Bennett, M. (2014). "Socioeconomic Diversity within Schools: The Impact of a Preferential Voucher Scheme in Chile", Master Dissertation, London School of Economics.

Claro, F., R. Paredes, F. Wilson & M. Bennett (2013). "Incentivos a Estudiar Pedagogía: El Caso de la Beca Vocación de Profesor" ("Incentives for studying teaching: The case of the vocational scholarship"), *Estudios Públicos N 131*, Centro de Estudios Públicos.

Naslund-Hadley, E., E. Vezza, P. Giovagnoli & M. Bennett (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.

Bennett, M. & Paredes, R. (2012). "Cognitive Abilities and Preschool Education in Chile", Working Paper, Department of Industrial Engineering, Faculty of Engineering PUC.

## PRESENTATIONS

Bennett, M. (2019). "Building Representative Matched Samples with Multi-valued Treatments in Large Observational Studies". ENAR Spring Meeting, Mar 2019, Philadelphia, PA, USA.

Bennett, M. (2019). "How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff". AEFPP Annual Conference, Mar 2019, Kansas City, MO, USA.

Bennett, M. (2019). "How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff". SREE Spring Conference, Mar 2019, Washington, DC, USA.

Bennett, M. (2018). "Better Together? Social Networks in Truancy and the Targeting of Treatment". APPAM Fall Research Conference, Nov 2018, Washington, DC, USA.

Bennett, M. (2018). "Better Together? Social Networks in Truancy and the Targeting of Treatment". AEFPP Conference, Mar 2018, Portland, OR, USA.

Bennett, M. (2017). "Building a representative matched sample with treatment doses". Empirics and Methods in Economics Conference, Oct 2017, University of Chicago, Chicago, IL, USA.

Bennett, M. (2016). "Representative Template Matching". Economics of Education Seminar, Teachers College, Columbia University, NY, USA.

Bennett, M. (2014). "Cognitive Abilities and Preschool Education in Chile". Second meeting of the Network of Chilean Researchers in Education, Bristol, UK.

Bennett, M. (2013). "Impact of Attending Preschool in Chile: Short and Medium-Term Outcomes". MIDE UC Conference, Santiago, Chile.

**AWARDS,  
HONORS,  
AND GRANTS**

ENAR International Biometrics Society 2019 Distinguished Student Paper Award.  
“Building Representative Matched Samples with Multi-valued Treatments”.  
J-PAL Post-Primary Education Initiative Grant (\$45,000): Allende, C. & Bennett,  
M. (2018). “Biased Beliefs and the Dynamic Role of Information in College Choice”  
Education Policy Dissertation Research Fellowship, Teachers College – Columbia Uni-  
versity 2018-2019  
Burke Scholarship Award, Teachers College – Columbia University 2018  
Fulbright PhD Scholar 2014  
Government of Chile - CONICYT Doctoral Scholarship 2014  
Government of Chile - CONICYT Master Scholarship 2013

**TECHNOLOGY  
SKILLS**

*Statistical Software:* R (Advanced), Stata (Advanced).  
*Programming Languages:* Python (Intermediate).  
*Other Software:* ArcGIS (Advanced), MS Excel (Advanced), MS Office (Advanced),  
CSPRO (Advanced).

**OTHER**

*Languages:* Spanish (native), English (fluent).  
*Nationality:* Chilean.

**REFERENCES**

PETER BERGMAN	JOSE ZUBIZARRETA
Teachers College	Department of Health Care Policy
Columbia University	Harvard University
(212) 678-3932	(617) 432-1266
bergman@tc.columbia.edu	zubizarreta@hcp.med.harvard.edu