

Magdalena Bennett

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RESEARCH INTERESTS

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

EDUCATION

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

ACADEMIC EXPERIENCE

<i>Senior Research Associate</i> Prof. Peter Bergman, Teachers College - Columbia University, New York <ul style="list-style-type: none">• Co-authorship, design, and analysis for spillover effects using social networks.• Assistance in design and quantitative analysis of RCTs.• Code design and implementation for multiple hypotheses testing using IV approach.	May 2016 - Present
<i>Research Assistant</i> Prof. Jose Zubizarreta, Columbia University, New York <ul style="list-style-type: none">• Assistance in causal methods papers using integer programming matching algorithms and stable balance weighting. Co-authorship in representative template matching paper.	Jun 2015 - Aug 2017
<i>Teaching Assistant</i> Columbia University, New York <ul style="list-style-type: none">• Causal Inference Methods (Prof. Sarah Cohodes, Fall '18)• Field Experiments (Prof. Peter Bergman, Spring '18)• Advanced Microeconomics (Prof. Peter Bergman, Fall '17)• Data Mining (Prof. Benjamin Goodrich, Fall '16)• Data Analysis (Prof. Benjamin Goodrich, Spring '16)• Economics of Education (Prof. Henry Levin, Fall '15)• Educational Privatization and School Choice (Prof. Sam Abrams, Spring '15)	Jan 2015 - Present
<i>Research Assistant</i> Prof. Ricardo Paredes, P. Universidad Catolica, Santiago - Chile <ul style="list-style-type: none">• Collaboration in data analysis and co-authorship in academic papers regarding economics of education topics.	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. & Bergman, P. (2018). “Better Together? Social Networks in Truancy and the Targeting of Treatment”. Working Paper. IZA Working Paper Series No. 11267 (*Submitted*).

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*).

Bennett, M. (2018). “How Far is Too Far? Generalization of a Regression Discontinuity Design Away from the Cutoff”. Working Paper, Teachers College - Columbia University.

Allende, C. & Bennett, M. (2018). “Biased Beliefs and the Dynamic Role of Information in College Choice”.

PREVIOUS RESEARCH

Bennett, M., C. Gelmi & I. Hilliger (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 Pedagogia: El Caso de la Beca Vocación de Profesor” (“Incentives for studying teaching: The case of the vocational scholarship”), Estudios Publicos 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. (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

J-PAL Post-Primary Education Initiative Grant: Allende, C. & Bennett, M. (2018). “Biased Beliefs and the Dynamic Role of Information in College Choice”

Education Policy Dissertation Research Fellowship, Teachers College – Columbia University 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), CPro (Advanced).

OTHER

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

REFERENCES

PETER BERGMAN
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Columbia University
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JOSE ZUBIZARRETA
Department of Health Care Policy
Harvard University
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