

## Magdalena Bennett

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<b>RESEARCH INTERESTS</b>	Causal inference methodologies; Economics of education, particularly in educational segregation and impact evaluation of educational policies.	
<b>EDUCATION</b>	<b>Columbia University</b>	Jan 2015 - Present
	Doctorate (c) in Economics and Education (PhD)	
	<b>London School of Economics</b>	Sep 2013 - Sep 2014
	MSc. Social Policy (Research), <i>Merit Distinction</i>	
<b>ACADEMIC EXPERIENCE</b>	<b>P. Universidad Catolica de Chile</b>	Dec 2010 - Nov 2012
	MSc. in Engineering Science, Applied Microeconomics, <i>Maximum Distinction</i>	
	<b>P. Universidad Catolica de Chile</b>	Mar 2005 - Dec 2010
	BS. in Civil Industrial Engineer, <i>Maximum Distinction</i>	
<b>ACADEMIC EXPERIENCE</b>	<i>Senior Research Assistant</i>	May 2016 - Present
	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>	
	<i>Research Assistant</i>	Jun 2015 - Aug 2017
<b>ACADEMIC EXPERIENCE</b>	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>	
	<i>Teaching Assistant</i>	Jan 2015 - Present
	Columbia University, New York	
<b>ACADEMIC EXPERIENCE</b>	<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>	
	<i>Research Assistant</i>	Mar 2011 - Dec 2014
	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>	

*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**

**PUBLICATIONS AND WORKING PAPERS**

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., 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 Pedagogía: El Caso de la Beca Vocacin de Profesor" ("Incentives for studying teaching: The case of the vocational scholarship"), Estudios Publicos N131, Centro de Estudios Pblicos.

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.

## WORK IN PROGRESS

Bennett, M. (2018). “Free Higher Education? Generalizing a Regression Discontinuity Design under External Validity Bandwidth”.

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

## PRESENTATIONS

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

*Programming Languages:* Python (Intermediate).

*Statistical Software:* R (Advanced), Stata (Advanced).

*Other Software:* ArcGIS (Advanced), MS Excel (Advanced), MS Office (Advanced), CSharp (Advanced).

## OTHER

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

*Nationality:* Chilean.

## REFERENCES

PETER BERGMAN

Teachers College

Columbia University

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JOSE ZUBIZARRETA

Department of Health Care Policy

Harvard University

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