

## 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**

<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

**RESEARCH EXPERIENCE**

<i>Senior Research Assistant</i> Prof. Peter Bergman, Columbia University, New York Design and analysis for spillover effects using social networks. Assistance in design, coding, and quantitative analysis of RCTs and observational studies.	May 2016 - Present
<i>Research Assistant</i> Prof. Jose Zubizarreta, Columbia University, New York Research analysis in causal methods papers using integer programming matching algorithms and stable balance weighting. Development of new matching techniques.	Jun 2015 - Aug 2017
<i>Research Analyst</i> 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 - 2013/ 2014
<i>External Consultant</i> 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.	2013
<i>Research Assistant</i> Prof. Ricardo Paredes, P. Universidad Catolica, Santiago - Chile Collaboration in data analysis and co-authorship in academic papers regarding economics of education topics.	Mar 2011 - Dec 2013

## TEACHING EXPERIENCE

### *Teaching Assistant*

Jan 2015 - Present

Columbia University, New York

Advanced Microeconomics (Prof. Peter Bergman, Fall '19 and '17)

Causal Inference Methods (Prof. Sarah Cohodes, Fall '18)

Field Experiments (Prof. Peter Bergman, Spring '18)

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)

### *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)

## RESEARCH

### PhD RESEARCH

Bennett, M. (2019). "How Far is Too Far? Estimation of an Interval for Generalization of a Regression Discontinuity Design Away from the Cutoff". Job Market Paper, Teachers College - Columbia University.

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

Bennett, M., J. Vielma, & J.R. Zubizarreta (2019). "Building Representative Matched Samples with Multi-valued Treatments in Large Observational Studies". Working Paper, Columbia University, (*Submitted*).

Allende, C. & M. Bennett (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.R. 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, L. Cifuentes, M. Bennett, & J. 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 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. (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 University 2018-2019

Burke Scholarship Award, Teachers College – Columbia University 2018

Fulbright PhD Scholar 2014

## TECHNOLOGY SKILLS

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

*Programming Languages:* Python (Advanced).

*Other Software:* ArcGIS (Advanced), MS Excel (Advanced), MS Office (Advanced), CPro (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  
(617) 432-1266  
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ELIZABETH TIPTON  
Department of Statistics  
Northwestern University  
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