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   Jan 2015 - Present
Doctorate (c) in Economics and Education (PhD)

London School of Economics   Sep 2013 - Sep 2014
MSc. Social Policy (Research), *Merit Distinction*

P. Universidad Catolica de Chile   Dec 2010 - Nov 2012
MSc. in Engineering Science, Applied Microeconomics,
Maximum Distinction

P. Universidad Catolica de Chile   Mar 2005 - Dec 2010
BS. in Civil Industrial Engineer, *Maximum Distinction*

ACADEMIC EXPERIENCE

Senior Research Assistant   May 2016 - Present
Prof. Peter Bergman, Teachers College - Columbia University, New York
- 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.

Research Assistant   Jun 2015 - Aug 2017
Prof. Jose Zubizarreta, Columbia University, New York
- Assistance in causal methods papers using integer programming matching algorithms and stable balance weighting. Co-authorship in representative template matching paper.

Teaching Assistant   Jan 2015 - Present
Columbia University, New York
- 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)

Research Assistant   Mar 2011 - Dec 2014
Prof. Ricardo Paredes, P. Universidad Catolica, Santiago - Chile
- Collaboration in data analysis and co-authorship in academic papers regarding economics of education topics.

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. & 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 (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. & 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". AEFP 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". AEFP 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
	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
Teachers College
Columbia University
(212) 678-3932
bergman@tc.columbia.edu

JOSE ZUBIZARRETA
Department of Health Care Policy
Harvard University
(617) 432-1266
zubizarreta@hcp.med.harvard.edu