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Nationality: Colombia

EDUCATION

New York University	Economics	Ph.D.	2003
New York University	Economics	M.A.	2001
Universidad de los Andes, Colombia	Economics	M.A.	1996
Universidad de los Andes, Colombia	Economics	B.Sc.	1995

PROFESSIONAL INTERESTS

Applied Microeconomics, Labor Economics, Econometrics.

CURRENT AND PAST APPOINTMENTS

2017-Present	Professor, Universidad de los Andes, Economics Department, Bogotá, Colombia.
2014-2017	Professor and Director of the Center for the Study of Economic Development (CEDE), Universidad de los Andes, Economics Department, Bogotá, Colombia.
2012-2014	Associate Professor and Director of the Center for the Study of Economic Development (CEDE), Universidad de los Andes, Economics Department, Bogotá, Colombia.
2007-2012	Associate Professor, Universidad de los Andes, Economics Department, Bogotá, Colombia.
2006-2007	Assistant Professor, Universidad de los Andes, Economics Department, Bogotá, Colombia.
2003-2007	Assistant Professor, Northwestern University, Economics Department, Evanston, IL., U.S.
2003-2006	Faculty Fellow, Institute for Policy Research, Northwestern University, Evanston, IL., U.S.
2000-2003	Research Assistant, New York University, Economics Department, New York, NY., U.S.
1999	Research Assistant, Department of Economics, Universidad de los Andes, Bogota, Colombia.
1996-1998	Research Assistant, Fundación para la Educación Superior y el Desarrollo (Fedesarrollo), Bogotá, Colombia.
1994	Research Assistant, Research Assistant. Banco de la Republica; Bogota, Colombia.

OTHER ACADEMIC APPOINTMENTS AND AFFILIATIONS

2013-2015	Forum member “Investing in Young Children Globally” The National Academies, U.S.
2013-present	Research Fellow National Institute for Early Education Research, Rutgers University
July 2016	Visiting scholar, SIPA Columbia University (New York).
June-July 2015	Visiting scholar, Inter-American Development Bank, Washington D.C.
June-July 2013	Visiting scholar, Inter-American Development Bank, Washington D.C.
June 2007	Visiting Scholar, CenSoc University of Technology in Sydney.
June 2009	Visiting Scholar, New York Federal Reserve Bank.
May 2010	Visiting Scholar, CIREQ Institute, University of Montreal.
June 2011	Visiting Scholar, Institute for Fiscal Studies – London.

HONORS

2013	<i>Juan Luis Londoño</i> medal for economist younger than 40 whose research has contributed to the well-being of Colombians.
2011	Econometric Society’s Invited <i>Simonsen Lecture</i> at LACEA-Chile for successful young scholars in Latin America
2000	Graduate Fellowship, New York University.
1998	Lauchlin Currie Fellowship for Graduate Studies, Colombian Central Bank.

PUBLICATIONS: ARTICLES AND BOOKS

REFEREED JOURNAL ARTICLES

- Bernal, R., M. Eslava, M. Meléndez and A. Pinzón (2017) Switching from Payroll Taxes to Corporate Income Taxes: Firms' Employment and Wages after the Colombian 2012 Tax Reform. *ECONOMIA the journal of LACEA* (forthcoming).
- Bernal, R. (2015) The Impact of a Vocational Education Program for Childcare Providers on Children's Well-being. *Economics of Education Review*, 48: 165-183.
- N. Schady, J. Behrman, M.C. Araujo, R. Azuero, R. Bernal, D. Bravo, F. Lopez-Boo, K. Macours, D. Marshall, C. Paxson, and R. Vakis (2015) Wealth gradients in early childhood cognitive development in five Latin American countries. *Journal of Human Resources* Spring; 50(2): 446–463.
- Amador, D., R. Bernal and X. Peña (2013) The rise in female labor participation in Colombia: fertility, marital status or education? *Ensayos de Política Económica* Vol. 31, Number 71, June.
- Bernal, R. and Fernández, C. (2013) Subsidized child care and child development in Colombia: Effects of Hogares Comunitarios de Bienestar as a function of timing and length of exposure. *Social Sciences & Medicine* 97(2013) 241-249.
- Bernal, R. and Amador, D. (2012) Marriage vs. Cohabitation: The Effects on Children's Well-being. *El Trimestre Económico*, vol LXXIX (3), no. 315, July-Sept. 2012.
- Bernal, R. and Keane, M.P. (2011) Child Care Choices and Children's Cognitive Achievement: The Case of Single Mothers. *Journal of Labor Economics*, 29:3, July.
- Bernal, R. and Keane, M.P. (2010) Quasi-structural Estimation of a Model of Child Care Choices and Cognitive Ability Production. *Journal of Econometrics*, vol. 156(1), pp 164-189.
- Bernal, R. (2009) The Informal Labor Market in Colombia: Identification and Characterization. *Desarrollo y Sociedad*, No. 63.
- Bernal, R. (2008) The Effect of Maternal Employment and Child Care on Children's Cognitive Development. *International Economic Review*, Vol. 49, No. 4, pp. 1173-1209.
- Bernal, R. and Fruttero, A. (2008) Parental Leave Policies, Welfare and the Distribution of Income. *Journal of Population Economics*, 21: 779-825.
- Bernal, R. (2003) Monetary Policy Rules in Practice: The Case of Colombia. *Desarrollo y Sociedad*, No. 51, pp. 37-53.
- Bernal, R. and M. Cárdenas (1999) Changes in the Distribution of Income and the New Economic Model in Colombia. *Reformas Economicas*, No. 36, ECLAC.
- Bernal, R. and J. Núñez (1997) Unemployment in Colombia: natural rate, cyclical and structural unemployment and the duration of unemployment (1976-1998). *Ensayos sobre Política Económica*, Banco de la República, December.

BOOKS

- Bernal, R. and X. Peña. (2012). Guía Práctica para la Evaluación de Impacto. [*Practical Guide for Impact Evaluation*], second edition. Ediciones Universidad Católica, Santiago, Chile.
- Bernal, R. and X. Peña. (2011). Guía Práctica para la Evaluación de Impacto. [*Practical Guide for Impact Evaluation*]. Ediciones Uniandes, Bogotá, Colombia.
- Bernal, R. and A. Camacho (2011). La Importancia de los Programas de Primera Infancia en Colombia. [*The Importance of Early Childhood Programs in Colombia*]. Imprenta Nacional de Colombia.

CHAPTERS IN BOOKS

- Bernal, R. (2016) “Todo Empieza en Casa: El Papel de la Familia” En: Berniell, L. y Mata, D. eds. *Más Habilidades para el Trabajo y la Vida: los aportes de la familia, la escuela, el entorno y el mundo laboral*”. ISBN 980-6810-01-5, Banco de Desarrollo de América Latina, pgs. 91-156

- Bernal, R. and L. Flabbi (2015) Economic Achievement and Race: Is there evidence of discrimination in Colombia? In P. Urdinola, ed. *Aplicaciones en Demografía*. Editorial Universidad Nacional ISBN 978-958-775-641-8. Pg 145-174.
- Bernal, R. and A. Camacho (2014) Early Childhood Policy in the Context of Equity and Social Mobility in Colombia. In A. Montenegro and M. Meléndez, eds. *Equidad y Movilidad Social: Diagnósticos y Propuestas para la Transformación de la Sociedad Colombiana*. Editorial Uniandes (2014).
- Bernal, R. and M. Cárdenas (2003) Determinants of Labor Demand in Colombia, 1976-1996. In J. Heckman and Pagés, C., ed. *Law and Employment: Lessons from Latin America and the Caribbean*, NBER and Inter-American Development Bank, Washington.
- Bernal, R. and M. Cárdenas (2002). Wage Differentials in Colombia: The Role of Supply and Demand Factors. In M. Sebastián, ed. *Ensayos sobre Colombia y América Latina, Libro en memoria de Nicolás Botero [Essays about Colombia and Latin-America, book in memory of Nicolás Botero]*, Servicio de Estudios BBVA.

OTHER PUBLICATIONS

- Bernal, R. (2014) Diagnóstico y Recomendaciones para la atención de calidad a la primera infancia en Colombia [*Diagnostic and Recommendations of Early Childhood Services in Colombia*]. Cuadernos de Fedesarrollo No. 51.
- Bernal, R., C. Fernández, C.E. Flórez, A. Gaviria, P.R. Ocampo, B. Samper and F. Sánchez (2009) Evaluación de Impacto del Programa Hogares Comunitarios de Bienestar del ICBF [*Impact Evaluation of the Early Childhood Program Hogares Comunitarios in Colombia*]. Working Paper Centro de Estudios de Desarrollo Económico CEDE No. 16, July.
- Bernal, R., A. Camacho, C. E. Flórez, A. Gaviria, C. Jaramillo, O. Nupia, C. Rodríguez, F. Sánchez and M. Urrutia (2010). Piensa Colombia: los aportes de la academia [*Think Colombia: contributions from the academia*], Documentos de Política Pública, Tomo 1, Vol. 2 Desarrollo Económico.
- Bernal, R. and M. Cárdenas. (2007) Race and Ethnic Inequality in Health and Health Care in Colombia. In: *Racial and Ethnic Disparities in Health in Latin America and the Caribbean*. Inter-American Development Bank, Country Department Andean Group, October.

MANUSCRIPTS & UNDER REVIEW

- Bernal, R., O. Attanasio, X. Peña and M. Vera (2014) The Effects of the Transition from Home-based Childcare to Center-based Childcare in Colombia. Unpublished Manuscript Universidad de los Andes and Institute for Fiscal Studies.
- Nores, M, R. Bernal and S. Barnett (2016) Center-based care for Infants and Toddlers: the Aeiotu Randomized Trial. Manuscript Universidad de los Andes and National Institute for Early Education Research
- Bernal, R., C. Fernández and X. Peña (2014) Differential Effects of Quantity vs. Quality of Maternal Time Investments on Child Development. Manuscript Universidad de los Andes.

WORK IN PROGRESS

- “Understanding the dynamics in the process of early skill formation” (with Orazio Attanasio, Michele Giannola & Milagros Nores).
- “Evaluation of the Colombian early childhood strategy ‘*De Cero a Siempre*’ on child development” (con Sara Ramírez).
- “Design and Evaluation of an Integrated Intervention for Deprived Children in Rural Areas in Colombia” (with O. Attanasio, H. Henningham, C. Mehir, M. Rubio).
- “The evaluation of pedagogical and nutritional improvements to center-based settings *Hogares Infantiles*” (with Institute for Fiscal Studies in London).
- “The Aeiotu Early Education Program Longitudinal Study in Colombia” (with National Institute for Early Education Research, Rutgers University).

“A Structural Model of Child Care, Maternal Time and Child Cognitive Ability” (with Diego Amador and Michael P. Keane), Universidad de los Andes and Oxford University.

GRANTS

2017	Instituto Colombiano de Bienestar Familiar, “Los impactos de la estrategia de atención integral para la primera infancia ‘ <i>De Cero a Siempre</i> ’”, USD 178,000.
2014	Grand Challenges Canada, “An Integrated Intervention for Deprived Children in Rural Areas in Colombia”, PI, with Institute for Fiscal Studies in London, Yale University, Mathematica Policy Research, CAD 2 million.
2013	UBS Optimum Foundation and National Institute for Early Education Research, “The Aeiotu Early Childhood Study”, Local PI, with M. Nores and S. Barnett, USD 280,000.
2013	Research Grant Fundación Éxito “Design of curricular improvements in <i>Hogares Comunitarios FAMI</i> and evaluation pilot”, PI, with O. Attanasio, C. Meghir, H. Henningham, C. Fernández, X. Peña & M. Rubio, USD 80,000.
2013	Research Grant International Initiative for Impact Evaluation (3ie) “Impact Evaluation of Improvements in Childcare Centers (<i>Hogares Infantiles del Bienestar</i>)”, Co-PI, with O. Attanasio, M. Vera-Hernández, X. Peña and M. Rubio, USD 124,000.
2012	Inter-American Development Bank, “The Aeiotu Early Childhood Study”, PI, with M. Nores and S. Barnett, USD 89,000.
2011	Jacobs Foundations and National Institute for Early Education Research, “The Aeiotu Early Childhood Study”, Local PI, with M. Nores and S. Barnett, USD 532,000.
2010	UBS Optimum Foundation and National Institute for Early Education Research, “The Aeiotu Early Childhood Study”, Local PI, with M. Nores and S. Barnett, USD 360,000.
2010	Inter-American Development Bank, “The Aeiotu Early Childhood Study”, PI, with M. Nores and S. Barnett from NIEER, USD 100,000.
2010	Instituto Colombiano de Bienestar Familiar, “Estimating the Effects of the Early Childhood Program Jardines Sociales del Bienestar Familiar”, PI, with Ximena Peña, Orazio Attanasio and Marcos Vera-Hernández, USD 940,000.
2007	National Science Foundation Grant, “The Economics of Adoption”, Co-PI, with LuoJia Hu, Eva Nagypal and Chiaki Moriguchi. Co-PI, USD 300,000
2007	Australian Research Council Discovery Grant, “Effects of Maternal Work, Daycare Use and Other Investments on Children Cognitive Outcomes”, Co-PI, with M. Keane, USD 300,000
2006	Colombian National Planning Department and UNDP, “Evaluation of family-based nurseries <i>Hogares Comunitarios</i> in Colombia”, PI, with A. Gaviria, C.E. Flórez, C. Fernández, USD 500,000.
2006	Searle Fund Grant (Northwestern University), “Child Care, Maternal Time and Children’s Cognitive Outcomes”, PI, USD 60,000.

TEACHING EXPERIENCE

- Structural Econometrics and Econometrics I, Northwestern University 2003-2006
- Econometrics I, Advanced Econometrics, Impact Evaluation, Graduate Labor Economics and Research Seminar, Universidad de los Andes 2006-2013
- Short impact evaluation course at CINVE, Uruguay 2013
- Short impact evaluation course at Universidad del Pacífico, Lima 2013
- Short impact evaluation course at IADB in Costa Rica 2013
- Short impact evaluation course for Colciencias (Bogotá, Colombia) 2014
- Short impact evaluation course for Instituto Colombiano de Bienestar Familiar 2015

CONSULTING EXPERIENCE

Inter-American Development Bank

- Determinants of Labor Demand in Colombia 2002-2003
- Race and Ethnic Inequality in Health and Health Care in Colombia 2007
- Evaluation Design for the Evaluation of *Jardines Sociales* in Colombia 2010
- Course on Impact Evaluation Techniques for Policy Makers in Costa Rica 2012
- The Cost of a Comprehensive Early Childhood Strategy in Colombia 2013
- Organizer workshop on Impact Evaluation in Practice CEIP 2015 2015

World Bank

- The Informal Labor Market in Colombia 2007

USAID

- Child Labor in Colombia 2006

National Planning Department, Colombia

- Mission on Equity and Social Mobility in Colombia 2011

CAF Banco de Desarrollo en América Latina

- Impact Evaluation Adviser for projects in the region 2013-2014

COLCIENCIAS Colombia

- Impact Evaluation Adviser for projects in the country 2013-2014

SERVICE

Peer Reviewer

Social Sciences & Medicine, Journal of Urban Economics, Journal of the European Economic Association, Review of Economic Studies, Economics of Education Review, Journal of Pediatrics, Journal of Childcare and Education Policy, American Economic Journal-Macro, Review of Economics of the Household, Southern Economic Journal, Economic Inquiry, Economic Theory, Journal of Applied Econometrics, Journal of Political Economy, Journal of Human Resources, Journal of the Royal Statistical Society, Economic Journal, Trimestre Económico, Labour Economics, Quantitative Economics, Journal of Economic Theory, 3ie, Journal of Family Issues, Economica, Review of Economics and Statistics, Journal of Econometrics, International Economic Review, Review of Labour Economics and Industrial Relations, Journal of Labor Economics, European Economic Review, Econometrics Journal, Journal of Public Economics, B.E. Journal of Economic Analysis & Policy, Journal of Economic Dynamics and Control, World Development, National Science Foundation, Economía-LACEA, Desarrollo y Sociedad, Ensayos sobre Política Económica.

Editorial Service

Associate Editor, *Ensayos sobre Política Económica*, Santafe de Bogotá, Banco de la Republica.
Editor, *Journal Economía*, Latin-American and Caribbean Economic Association
Associate editor for the *International Journal of Childcare and Education Policy*.

Professional Society Memberships

Member: American Economic Association, Latin American and Caribbean Economic Association.
Executive Committee member of the Latin American and Caribbean Economic Association.
Standing Member of the Latin American Chapter of the Econometric Society.

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