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**Department of Economics (by courtesy)**  
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## **EDUCATION**

- Ph.D. in Economics, 2003, University of Maryland, College Park, USA.
  - Thesis: “Decentralization and Education: An Empirical Investigation” (Committee: Jonah Gelbach, Robert Schwab, Wallace Oates, Jennifer Rice and Seth Sanders)
  - Areas of specialization: Public Economics, Labor Economics and Political Economy
- B.A. and Master in Economics, 1992, Universidad de los Andes, Colombia

## **ACADEMIC AND PROFESSIONAL EXPERIENCE**

- Vanderbilt University, Nashville, USA
  - Associate Professor of Public Policy, Education and Economics (tenured), Department of Leadership, Policy, and Organizations, Peabody College (July 2020-present)
- Harvard University, Cambridge, USA
  - Associate Professor of Education and Economics, Harvard Graduate School of Education (2015–June 2020)
  - Assistant Professor of Education and Economics, Harvard Graduate School of Education (2011–2015)
- The World Bank, Washington DC, USA
  - Senior Economist, Human Development Network Education (2006–2011)
- Interamerican Development Bank (IDB), Washington DC, USA
  - Research Assistant, Department of Research and Chief Economist (RES), 1996-1997
- Fedesarrollo, Bogotá, Colombia
  - Deputy Director (2004–2006)
  - Researcher (2001–2004)

## **OTHER POSITIONS AND AFFILIATIONS**

- Head, Impact Evaluation Network (<https://sites.google.com/view/impact-evaluation-network/>), LACEA
- Executive Committee, Latin American and Caribbean Economic Association (LACEA)
- Fellow, Research on Improving Systems in Education (RISE) Research Programme
- Affiliated, Center for International Development (CID), Harvard University (2019-2020)
- Editorial Board, Education Finance and Policy
- Steering Committee, Humanitarian Education Accelerator, UNICEF, UNHCR and DFID’s Amplify Program

## JOURNAL ARTICLES

### *Peer-reviewed journal articles*

- Barrera-Osorio, F., Blakeslee, D. Linden, L., Hoover, M., Raju, D. & Ryan, S. (2020) Leveraging the Private Sector to Improve Primary School Enrolment: Evidence from a Randomized Controlled Trial in Pakistan, NBER Working Paper No. w23870. Accepted, ***Review of Economics and Statistics***
- Barrera-Osorio, F., Gonzalez, K., Lagos, F., & Deming, D. (2020) Effects, Timing and Heterogeneity of the Provision of Information in Education: An Experimental Evaluation in Colombia. ***Journal of Public Economics***, 186.
- Ganimian, A. F. Barrera-Osorio, M. L. Biehl, M. Cortelezzi, D. Valencia (2020). Hard Cash and Soft Skills: Experimental Evidence on Combining Scholarships and Mentoring in Argentina. ***Journal of Research on Educational Effectiveness***, 13(2), 380-400
- Barrera-Osorio, F., de Barros, A., Dryden-Peterson, S., Mulimbi, B., Nakajima, N., & Uccelli, P. (2020) Levers for Learning: The relation between school-level factors and literacy outcomes in low-income schools in Colombia. ***Comparative Education Review***, 64(2)
- Barrera-Osorio, F., Linden, L., & Saavedra, J. (2019). Long Term Educational Consequences of Alternative Conditional Cash Transfer Designs: Experimental Evidence from Colombia. ***American Economic Journal, Applied Economics*** 11(3), 54-91
- Barrera-Osorio, F. & H. Bayona-Rodriguez (2019) Signaling or better human capital, the causal effect of prestigious university attendance on educational trajectory and labor market: evidence from Colombia. ***Economics of Education Review*** 70, 20-34
- Barrera-Osorio, F., de Galbert, P., Habyarimana, J., & Sabarwal, S. (2018). Impact of Public-Private Partnerships on Private School Performance. Policy Research Working Paper 7905, World Bank. Forthcoming, ***Economic Development and Cultural Change***
- Barrera-Osorio, F., S. Garcia, C. Rodriguez, F. Sanchez & M. Arbelaez (2018). Concentrating efforts on low-performing schools: impact estimates from a quasi-experimental design. ***Economics of Education Review*** 66, 73-91
- Barrera-Osorio, F., & Raju, D. (2017). Teacher performance pay: Experimental evidence from Pakistan. ***Journal of Public Economics***, 148, 75-91
- Barrera-Osorio, F. & Filmer, D (2016) Incentivizing schooling for learning: Evidence on the impact of alternative targeting approaches. ***Journal of Human Resources***, 51(2), 461-499
- Barrera-Osorio, F., & Ganimian, A. J. (2016). The barking dog that bites: Test score volatility and school rankings in Punjab, Pakistan. ***International Journal of Educational Development***, 49, 31-54

- Barrera-Osorio, F. & Raju, D (2015) Evaluating the impacts of public student subsidies to low-cost private schools in Pakistan. *Journal of Development Studies*, Vol 51-08
- Barrera-Osorio, F., Bertrand, M., Linden, L. L., & Perez-Calle, F. (2011). Improving the design of conditional transfer programs: Evidence from a randomized education experiment in Colombia. *American Economic Journal: Applied Economics*, 3(2), 167-95
- Barrera-Osorio, F., Olivera, M., & Ospino, C. (2009). Does society win or lose as a result of privatization? The case of water sector privatization in Colombia. *Economica*, 76(304), 649-674
- Cardenas, Mauricio & Barrera-Osorio, F. (1997). On the effectiveness of capital controls: The experience of Colombia during the 1990s. *Journal of Development Economics*, Vol. 54(1), 27-57

### ***Working Papers***

- Barrera-Osorio, F., Kugler, A. D., & Silliman, M. I. (2020). “Hard and Soft Skills in Vocational Training: Experimental Evidence from Colombia” NBER Working Paper No. w27548.
- Barrera-Osorio, F., P. Gertler, N. Nakajima, H. Patrinos (2019) “Empowering Parents: Causal Impact of provision of Grants and Information in low-income rural schools in Mexico” Unpublished Manuscript.
- Barrera-Osorio, F & K. Gonzalez (2019) “Scaling up the provision of an information program: Evidence from a regression discontinuity analysis” Unpublished Manuscript.
- Barrera-Osorio, F., de Barros, A., & Filmer, D. (2018) “Long-term Impacts of Alternative Approaches to Increase Schooling: Evidence from an Experimental Scholarship Program in Cambodia” Policy Research Working Paper Series 8566, The World Bank.

### **BOOKS AND CHAPTERS**

#### ***Books***

- Barrera-Osorio, F., Fasih, T., & Patrinos, H. (2009). *Decentralized Decision-Making in Schools: The Theory and Evidence on School-Based Management*, The World Bank, Washington DC
- Patrinos, H., Barrera-Osorio, F., & Guaqueta, J. (2009) *The Role and Impact of Public-Private Partnerships in Education*. The World Bank, Washington DC.

#### ***Chapters in Edited Volumes***

- Barrera-Osorio (2018) *CER Moderated Discussion on World Development Report 2018: Realizing the Promise of Education for Development; (other contributors: M. Ginsburg, D. Archer, L. Lake, S. Vally, N. Wachter, and J. Ulrick)* Comparative Education Review, Vol. 62, No. 2, 274-293

- Barrera-Osorio, F & A. Camacho (2016). Go to school: the contribution of the educational institutions in CAF (Eds) *More skills for work and life in Latin America*, Economy and Development Report, the Development Bank of Latin America (CAF)
- Barrera-Osorio, F, J. Guaqueta & H. Patrinos (2012) The Role and Impact of Public-Private Partnerships in *Public private partnerships in education: New actors and modes of governance in a globalizing world* Robertson, S., Mundy, K., & Verger, A. (Eds.). (2012). Edward Elgar Publishing
- Barrera-Osorio, F. (2009). The Concession Schools of Bogota, Colombia in R. Chakrabarti and P. Peterson (Eds) *School Choice International*. MIT Press, Boston
- Barrera-Osorio, F. & Patrinos, H. (2009) An International Perspective on School Vouchers in M. Berends, M. G. Springer, D. Ballou, and H. J. Walberg (Eds) *Handbook of Research on School Choice*. Routledge Press, New York

## **GRANTS**

- David Rockefeller Center for Latin American Studies Project, 2019: Principal Investigator, Can personalized information on labor-market returns improve educational choices? \$18,290
- Weatherhead Center Grant, and Dean's Venture Fund: 2019: Workshop on Private Provision of Public Education in Low- and Middle-Income Countries: \$14,451
- Lemann Brazil Research Fund, 2016–2018: Co-Principal Investigator, Learning for All: Improving Access to a Meaningful Education Globally: \$147,247
- David Rockefeller Center for Latin American Studies Project, 2017: Principal Investigator, Evaluation of Family and Students Educational Policies in Colombia: \$6,761
- Dean's Venture Fund, 2015–2016: Co-Principal Investigator, Information on Educational Performance of Students and Schools: Experimental Evaluation in Manizales, Colombia: \$22,500
- Weiss Family Program, 2015–2017: Co-Principal Investigator, Information on Educational Performance of Students and Schools: Experimental Evaluation in Manizales, Colombia: \$66,480
- Dean's Venture Fund, 2015–2017: Co-Principal Investigator: Learning for All: Improving Access to a Meaningful Education Globally: \$67,284
- Weiss Family Program, 2014–2015: Principal Investigator, School Incentives Program in Punjab, Pakistan: \$17,273
- Weatherhead Center Grant, 2014–2015: Principal Investigator, Teacher incentive programs and context dependency: the case of Pakistan: \$16,524
- Milton Grant, 2013: Principal Investigator, Private provision of Public Education, Uganda: \$38,465

## **OTHER FINANCIAL SUPPORT, RECENT RESEARCH PROJECTS**

- Cambodia Scholarship project “Long-term Impacts of Alternative Approaches to Increase Schooling”: co-Principal Investigator, financial support from the Strategic Research Program, World Bank and DFID, for collection of long-term follow-up data; research assistant and trips: ~ \$300,000
- Colombia Manizales Information project “Effects, Timing and Heterogeneity of the Provision of Information in Education”: Principal Investigator, financial support from the Luker Foundation for collection of baseline and four rounds of follow-up data; research assistants and trips: ~ \$60,000

- Pakistan Sindh Public-Private Partnership project “Leveraging the Private Sector to Improve Primary School Enrolment”: co-Principal Investigator, financial support from the World Bank and the (competitive) Strategic Impact Evaluation Fund (SIEF) for collection of baseline and two follow-up data; research time; research assistants and trips: ~ \$600,000
- Uganda Public-Private Partnership project “Impact of Public-Private Partnerships on Private School Performance”: co-Principal Investigator, financial support from competitive The Strategic Impact Evaluation Fund (SIEF) for collection of baseline and three follow-up data; research assistants and trips: ~ \$400,000
- Pakistan Punjab Teacher Incentive Intervention project: “Teacher performance pay: Experimental evidence from Pakistan”, co-Principal Investigator, financial support from the World Bank (including trust fund grants) for collection of baseline and follow-up data: ~ \$250,000

### **FELLOWSHIPS AND HONORS**

- *Juan Luis Londoño Medal*, Colombia, 2008. Given every two years to the most promising Colombian economist under 40 working on social issues
- Graduate Student Fellowship, University of Maryland, College Park, 1999–2001
- Scholarship for graduate studies in the USA, Colciencias, 1997–2002
- Scholarship for graduate studies in the USA, Banco de la República, Bogotá, Colombia, 1994–1997
- Best student, economics department, promotion 1992, Universidad de los Andes

### **COURSES**

- “Microeconomics for Educators” ~60-70 students from both Master and Ph.D. programs
- “The Consequences of Educational Policy Interventions in Developing Countries: Recent Evidence” ~40-50 students from both Master and Ph.D. programs
- “Doctoral Research Practicum: Using Quantitative Methods” ~4-6 Ph.D. students
- “Impact Evaluation with applications to Education” ~40-100 students, Master level, Summer Institute at the Universities of Los Andes, Javeriana, and Rosario, Colombia

### **PROFESSIONAL SERVICE**

- Program Committee: Meetings of the Latin American and Caribbean Economic Association (LACEA), 2008; Impact Evaluation Network, 2008, 2009, 2011, 2012, 2013, 2014, 2016, 2018; North East Universities Development Consortium (NEUDC) 2013, 2017; Society for Research on Educational Effectiveness (SREE): 2019, 2020
- Referee: American Economy Review; American Economy Journal, Applied Economics; American Economy Journal, Economic Policy; The B.E. Journal of Economics; Comparative Education Review; Economic Development and Cultural Change; Economics of Education Review; Education Economics; Educational Evaluation and Policy Analysis; Education Finance and Policy; Journal of Development Economics; Journal of Development Studies; Journal of Human Resources; Labour Economics; Oxford Economic Papers; Review of Economics and Statistics; Quarterly Journal of Economics; The World Bank Economic Review

## **CONFERENCES AND SEMINARS**

### ***Keynote speaker***

- Keynote speaker, PEGNet Conference “Improving the quality of education and learning outcomes in developing countries”, 2018
- Invited guest speaker, Impact Evaluation Network, 10th meeting at the Inter-American Development Bank, 2017
- Keynote speaker, UN-WIDER Institute Conference “Human capital and growth”, 2016

### ***Conferences***

- National Bureau of Economic Research (NBER) Spring/Fall Meeting, Education, 2008, 2014, 2019
- Research on Improving Systems in Education (RISE), Annual Conference 2015, 2017, 2019
- North East Universities Development Consortium (NEUDC): 2008, 2010, 2019
- Association for Public Policy Analysis and Management (APPAM): 2009, 2010, 2014
- Impact Evaluation Network: 2008, 2009
- Latin American and Caribbean Economic Association (LACEA): 2003, 2004, 2007, 2008, 2009, 2017, 2018, 2019
- Society for Research on Educational Effectiveness (SREE), 2019

### ***Seminars***

- Universidad de los Andes, 2007; University of Maryland, College Park, 2007; The World Bank Research Department Seminar, 2009; The World Bank Research Department Seminar, 2011; Colgate University, 2013; Universidad de los Andes, 2013; Stanford, 2014; Universidad de los Andes, 2014; Colgate University, 2014; Universidad de la Plata, 2015; UN-WIDER, 2015; HECER, 2015; Columbia University, 2016; University of Minnesota, 2016; Purdue, 2016; University of Massachusetts, Amherst, 2016; University of Connecticut, 2017; University of Maryland, College Park, 2017; Stanford, 2018; Northeastern, 2019; PennState, 2019; Vanderbilt, 2019