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PERSONAL

Date of birth: March 2, 1977
Place of birth: Santiago, Chile

EDUCATION

The University of Chicago
PhD in Economics, July 2007.
Master of Arts in Economics, March, 2003.

Universidad de Chile
Master of Arts in Economics, August 2001.
Bachelor of Arts, March 2000. Major: Economics

FIELDS

Microeconometrics, Labor Economics and Development.

WORK EXPERIENCE

- College Fellow\Assistant Professor, Department of Economics, Northwestern University, (summer 2007-present).
- Research Assistant for Professor James Heckman, University of Chicago (Summer 2003-Spring 2006).
- Research Assistant for Professor Robert Townsend, University of Chicago (Spring 2002)
- Consultant for World Bank. Impact Evaluation of Projects in the Water Sector, March 2006 and December 2007.
- Instructor Professor, Department of Economics, Universidad de Chile (March 2000-September 2001).

HONORS AND AWARDS

- Reid Dissertation Fellow, University of Chicago, 2006-2007.
- Esther and T.W. Schultz Endowment, Dissertation Fellowship, University of Chicago, 2005-2006
- University of Chicago Graduate Fellowship, 2001-2005
- Universidad de Chile Graduate Fellowship, 1999-2000
- Universidad de Chile Undergraduate Fellowship 1998

- Best Graduate Student, Department of Economics, Universidad de Chile 2000.
- Best BA Student, Department of Economics, Universidad de Chile 1996, 1997, 1998, 1999.

PUBLICATIONS

“Racial Labor Market Gaps: The Role of Abilities and Schooling Choices” (2008). *Forthcoming, Journal of Human Resources.*

“The use of instrumental variables in the presence of heterogeneity and self-selection: an application in breast cancer patients” (2007) (With A. Basu, J. Heckman and S. Navarro), *Health Economics 16(11):1133-1157.*

“Understanding instrumental Variables in Models with Essential Heterogeneity” (2006) (With J. Heckman and E. Vytlacil). *Review of Economics and Statistics, v88, n3.*

“The effect of cognitive and Non-cognitive factors in behavioral and labor outcomes” (2006) (With J. Heckman and J. Stixrud). *Journal of Labor Economics, v24, n3.*

WORKING PAPERS

“Instrumental Variables in Models with Multiple Outcomes: The General Unordered Case” (2007) (With J. Heckman and E. Vytlacil). *Submitted.*

“Testing the Correlated Random Coefficient Model” (with J. Heckman and D. Schmieder). *Submitted.*

“Occupational Choice with Financial Intermediation: Linking Mechanism Design with Heterogeneity to Econometric Policy Evaluation” (2007) (With R. Townsend). *Working Paper.*

“Gender Discrimination and Economic Outcomes in Chile” (2007) (With D. Bravo and C. Sanhueza) , *Working Paper.*

“The identification and estimation of option values in models with recurrent states” (with J. Heckman) (2007). Unpublished manuscript, University of Chicago, Department of Economics.

“Studying the link between theory and practice in the estimation of labor demand: an application for Chile” (2005). Unpublished manuscript, University of Chicago, Department of Economics.

“New evidence on relationship between fertility spacing and economic variables” (2005) (with Luis Andres). Unpublished manuscript, University of Chicago, Department of Economics.

“Las diferencias en desempleo: INE- U. De Chile” (Differences in The Unemployment Rate INE-U. DeChile) (with David Bravo and Joseph Ramos). Working paper N° 167, Department of Economics, Universidad de Chile. <http://econ.facea.uchile.cl/>

"Trade liberalization and income inequality in Chile. A microsimulation analysis". (with David Bravo, Dante Contreras y Tomás Ráu). United Nations Development Programme (UNDP). <http://www.undp.org/rblac/liberalization/>

"Poverty and Income Distribution In Chile 1990-1998: Learning from Microeconomic Simulations". Working paper N° 196, Department of Economics, Universidad de Chile

SKILLS

Proficient in LaTeX, FORTRAN, MPI, Stata, Eviews, Gauss, MATLAB.

REFEREE

Econometrica, American Economic Review, Economic Inquiry, Journal of Econometrics, Review of Economics and Statistics, American Sociological Review, Journal of Labor Economics, Journal of Political Economy, Journal of Population Economics.

RECENT PRESENTATIONS

- January 2008, “Cognitive and Personality Traits as Determinants of the Value of Education”, AEA annual meeting, New Orleans, USA.
- October 2007, “A Case for Early Interventions in Developing Countries”, Universal Forum of Cultures, Monterrey, Mexico.
- September 2007, “Unobserved Abilities and Labor Market Outcomes” (invited lecture), Chilean Economic Meeting, Viña del Mar, Chile.
- February 2007, “Models with Essential Heterogeneity”, University College at Dublin, Dublin, Ireland.
- January 2007, “The Role of Abilities and Schooling Choices in Explaining Racial Labor Market Gaps”, AEA annual meeting, Chicago, USA.
- December 2006, “The Role of Abilities and Schooling Choices in Explaining Racial Labor Market Gaps”, Race and Inequality Seminar, Brown University, Providence, USA.
- June 2006, “The effect of cognitive and non-cognitive factors in behavioral and labor outcomes”, WEAI, San Diego, USA.
- March 2006, “The effect of cognitive and non-cognitive factors in behavioral and labor outcomes”, NBER Labor Studies Program Meeting, Cambridge, USA.
- January 2006, “The effect of cognitive and non-cognitive factors in behavioral and labor outcomes”, AEA annual meeting, Boston, USA.

TEACHING EXPERIENCE

- Economics of the Labor Market (Econ 440-1) (PhD level), Department of Economics, Northwestern University, Winter 2008.

- Advanced Econometrics (Econ 381-1), Department of Economics, Northwestern University, Winter 2008.
- Empirical Models with Unobserved Heterogeneity, Department of Industrial Engineering, University of Chile, Summer (2007).
- Econometrics B (Econ 211), Department of Economics, University of Chicago, Spring 2007.
- Econometrics A (Econ 210), Department of Economics, University of Chicago, Spring 2006.
- Elements of Economics Analysis 4 (Econ 203), Department of Economics, University of Chicago, Autumn 2004.
- Topics in Macroeconomics, Department of Economics, Universidad de Chile. Fall 2001
- Econometrics II, Department of Economics, Universidad de Chile. Fall 2001.
- Theory of Prices II, Department of Economics, Universidad de Chile. Spring and Fall 2000.
- Introduction to Economics, Department of Economics, Universidad de Chile. Fall 2000.