

## SERGIO S. URZUA

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### 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

Applied Econometrics, Labor Economics and Development.

### EMPLOYMENT

- Assistant Professor, Department of Economics and Institute for Policy Research, Northwestern University, (June 2007-present).
- Visiting Professor: Universidad de Chile, Centro de Economía Aplicada, Chile, Summer 2007; Universidad Católica de Chile, Instituto de Economía, Summer 2008; Universidad de Chile, Departamento de Economía, Summer 2009.
- Consultant for World Bank, UNDP, IADB and ALAS Foundation.
- Lecturer, Department of Economics, Universidad de Chile (March 2000- September 2001).

### PUBLICATIONS

[1] Testing the Correlated Random Coefficient Model (with J. Heckman and D. Schmieder). Forthcoming, *Journal of Econometric*, 2010.

[2] Instrumental Variables in Models with Multiple Outcomes: The General Unordered Case (with J. Heckman and E. Vytlačil). Forthcoming, *Les Annales d'Economie et de Statistique*, 2009.

[3] Comparing IV With Structural Models: What Simple IV Can and Cannot Identify (with J. Heckman). Forthcoming *Journal of Econometrics*, 2009.

[4] Occupational Choice with Financial Intermediation: Linking Mechanism Design with Heterogeneity to Econometric Policy Evaluation (With R. Townsend). *Macroeconomic Dynamics*, 13 (Sup 2), 2009-268-316.

[5] Racial Labor Market Gaps: The Role of Abilities and Schooling Choices. *Journal of Human Resources*, Vol. 43(4): pp. 919-971, 2008.

[6] 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, 2007.

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

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

## **WORKING PAPERS**

“Determinants of Success in Early Adulthood: Comparing the Effects of Intelligence and Big Five Personality Trait” (with A. Duckworth and J. Heckman)

“Birth Order, Education, and Family Size” (with J. Bagger, J. Birchenall, H. Mansourz)

“Cognitive and Non-cognitive Development Among Young Children in Chile: Effect of Participation in Public Childcare Centers “ (with G. Noboa-Hidalgo)

“The Effects of Early Endowments on Labor Market Outcomes, Health, and Social Behavior” (with J. Heckman and G. Conti)

“Disentangling the Role of Nature and Nurture when Explaining Inequality” (with J. Guzman). *Paper prepared for the PNUD*.

“Peer effects, Gender Composition and the Role Model Hypothesis: Evidence from Primary Schools in Chile” (with B. Zafar).

“Identifying Labor Market Discrimination using an Experimental Design” (With D. Bravo and C. Sanhueza)

Ability, Schooling Choices and Gender Labor Market Discrimination: Evidence for Chile ” (With D. Bravo and C. Sanhueza)

“The identification and estimation of option values in models with recurrent states” (with J. Heckman )

## **GRANTS, HONORS AND AWARDS**

- IADB: Improving Early Childhood Development in Latin America and the Caribbean (~60k)
- Northwestern University Research Grant: Are Public Child-Care Centers Effective in Reducing Poverty? (~5K)
- 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.

## **SKILLS**

Proficient in LaTeX, FORTRAN, MPI, Stata, 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, Journal of Business and Economic Statistics, Sociology of Education, Journal of Human Capital, Quarterly Journal of Economics.

## **RECENT PRESENTATIONS**

2009: *May*, “The Effects of Early Endowments on Labor Market Outcomes, Health, and Social Behavior”, Yale University. *June*, “Identifying Labor Market Discrimination using an Experimental Design”, Econometric Society, Summer Meeting, BU. *Nov*: “The Effects of Early Endowments on Labor Market Outcomes, Health, and Social Behavior”, Maryland.

2008: *October*, “A Case for Early Interventions in Developing Countries”, Earth Institute, Columbia University. “Racial Labor Market Gaps: The Role of Abilities and Schooling Choices”, University of Rochester. *June*, “Understanding Instrumental Variables”, University of Chicago GSB, Chicago. “Estimating the Option Value of Education”, Cowles Foundation, Yale University, and San Francisco Fed. *April* “Testing the Correlated Random Coefficient Model”, University of Wisconsin, Madison. *January* “Cognitive and Personality Traits as Determinants of the Value of Education”, AEA annual meeting, New Orleans, USA.

2007: *October*, “A Case for Early Interventions in Developing Countries”, Universal Forum of Cultures, Monterrey, Mexico. *September*, “Unobserved Abilities and Labor Market Outcomes” (invited lecture), Chilean Economic Meeting, Viña del Mar, Chile. *February*, “Models with Essential Heterogeneity”, University College at Dublin, Dublin, Ireland. *January*, “The Role of Abilities and Schooling Choices in Explaining Racial Labor Market Gaps”, AEA annual meeting, Chicago, USA.

2006: *December*, “The Role of Abilities and Schooling Choices in Explaining Racial Labor Market Gaps”, Race and Inequality Seminar, Brown University, Providence, USA.

*June*, “The effect of cognitive and non-cognitive factors in behavioral and labor outcomes”, WEAI, San Diego, USA. *March*, “The effect of cognitive and non-cognitive factors in behavioral and labor outcomes”, NBER Labor Studies Program Meeting, Cambridge, USA.

*January*, “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., Fall 2009.
- Advanced Econometrics I (Econ 381-1) and II (Econ 381-2), Department of Economics, Northwestern University, 2008 and 2009.
- Advanced Micro-econometrics, Department of Economics, Catholic University of Chile, Summer 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.