

CURRICULUM VITAE

Eduardo Zambrano

Education

MS and Ph.D.	1994-1999	<i>Cornell University</i> Department of Economics
	1993-1994	<i>Harvard University</i> Special Student Graduate School of Arts and Sciences
B.A.	1986-1993	<i>Universidad Católica Andrés Bello</i> , Venezuela BA in Economics.

Dissertation

Game Theoretic Models of Bounded Rationality, Partial Cooperation and Counterfactual Reasoning, August 1999, David Easley Dissertation Chair

Fields of Interests

Microeconomic Theory, Decision Theory, Game Theory, Welfare Economics, Political Economy.

Refereed Publications or Other Creative Achievements

Journals (With Australian Business Deans Council Ranking in parenthesis)

Monotone Comparative Statics in the Calvert Wittman Model (with Francisco Rodríguez), *Economic Theory Bulletin*, April 11, 2022. (B)

“Tracking progress towards accessible, green and efficient energy: The Inclusive Green Energy index,” with Cármen Herrero, José Pineda and Antonio Villar. *Applied Energy*, December, 2020. (A)

Risk Attitudes over Small and Large Stakes Recalibrated, *Economics Letters*, 187, February, 2020. (A)

“Rationality, Strategic Uncertainty and Belief Diversity in Non-Cooperative Games,” *International Journal of Economic Theory*, 14(4), December, 2018. (B)

“Public Economies and the Endogenous Choice of Institutions,” with Patrick Holder. *Homo Oeconomicus*, 35(3), September, 2018. (C)

“Should a Central Bank Transfer its Profits to the Treasury?,” with Fernando Álvarez-Parra and Adriana Arreaza, *Economía*, 18(2), Spring, 2018. (B)

“The ‘Troubling Tradeoffs’ Paradox and a Resolution,” *Review of Income and Wealth*, 63(3), September, 2017. (A)

"Solving the Kidney Shortage via the Creation of Kidney Donation Cooperatives," with KC Eames and Patrick Holder, *Journal of Health Economics*, 54, July, 2017. (A*)

"Vintage' Nash Bargaining Without Convexity," *Economics Letters*, 141, April, 2016. (A)

"Subtle Price Discrimination and Surplus Extraction Under Uncertainty," *Journal of Mathematical Economics*, 52, 2014. (A)

"An Axiomatization of the Human Development Index," *Social Choice and Welfare*, 42(4), 2014. (A)

"A Structuralist Theory of Central Bank Independence," *Economics Bulletin*, 34(4), 2014. (C)

"Expected Utility Inequalities: Theory and Applications," *Economic Theory*, 36(1), 2008. (A*)

"Epistemic Conditions for Rationalizability," *Games and Economic Behavior*, 63(1), 2008. (A*)

"Testable Implications of Subjective Expected Utility Theory," *Games and Economic Behavior*, 53(2), 2005. (A*)

"Counterfactual Reasoning and Common Knowledge of Rationality in Normal Form Games," *B.E. Journals in Theoretical Economics*, 4(1), 2004. (A)

"The Interplay Between Analytics and Computation in the Study of Congestion Externalities: The Case of the El Farol Problem," *Journal of Public Economic Theory*, 6(2), 2004. (A)

"A Simple Test of the Law of Demand for the United States," with Timothy Vogelsang, *Econometrica* 68 (4), 2000. (A*)

"Formal Models of Authority: Introduction and Political Economy Applications," *Rationality and Society* 11(2), 1999. (B)

"On The Emergence of the Market Pattern," *Journal of Institutional and Theoretical Economics* 154(3), 1998. (A)

Books

Probability Models for Economic Decisions, 2nd edition, with Roger B. Myerson, MIT Press, 2019.

Non-Refereed Publications

Book Chapters

"The Green Economy Progress Measurement Framework: A Didactic Introduction (with C. Herrero, J. Pineda and A. Villar), in Eaton, D. and Sheng, F. (eds.), *Inclusive Green Economy: Policies and Practice*. Dubai, Shanghai: Zayed International Foundation for the Environment and Tongji University, 2019.

"A 'Rights-Based' Approach to Optimal Tax Policy," in A. Mishra and T. Ray (eds.) *Markets, Governance and Institutions in the Process of Economic Development*, Ch. 19, Oxford University Press, 2018.

Measuring Key Disparities in Human Development: The Gender Inequality Index (with A. Gaye, J. Klugman, M. Kovacevic and S. Twigg), in D. Figart and T. Warnecke (eds.), *Handbook of Research on Gender and Economic Life*, Edward Elgar Publishers, 2013.

"Authority, social theories of." Prepared, by invitation, for the *International Encyclopedia of the Social and Behavioral Sciences*, 2001.

Working Papers

Under Review

Protected income and inequality aversion, with Marc Fleurbaey.

Inequality Sensitive Optimal Treatment Assignment.

Tenure Density Calibrated and Recalibrated, with Amory Yagar.

Rounding Over Periodicities: An Integrality Result and a Single-Integer Selector

Dependence-Aware Concentration Inequalities: A Multivariate Extension via Carbery's Inequality.

Testing Causal DAG Structures via Moment Inequalities.

Works in Progress

Priorities and the Allocation of Aid, with Marc Fleurbaey.

Egalitarian Equivalent Treatment Effect Estimation, with Carlos Flores and Michelle Kairy.

Social Preferences under Uncertainty and Ambiguity.

Inequality Aversion Elicitation in Theory and in practice, with Taisuke Imai and Marc Fleurbaey.

Loss Limits and the Geometry of Risk Preferences.

Fair and efficient overhead allocation in multi-division organizations.

Mathematics Research

Characterizing Factorial Monoids via Labeled Factorization Counts.

Bizarro Arithmetic: A Toy Prime System with Linear Density and a Zeta-like Pole.

Older Papers

Risk-reward representations of expected utility theory, with Hayley Stevens.

'Polity' Human Development Indices.

Employment

Consultant for the development of Gender Mobility Indicators.

World Bank, 2021

Consultant for the development of Gender Discrimination Indicators.

UN Women, 2017

Consultant for the redesign of the *Social Institutions and Gender Index*.

Organization for Economic Cooperation and Development (OECD), 2016-2017

Professor of Economics, *California Polytechnic State University*, San Luis Obispo.

Orfalea College of Business, Sept. 2015 –

Consultant for the development of Green Economy Progress Indicators.
UN Environment, 2014-2016

Consultant. Human Development Report Office.
UN Development, 2010-2013

Associate Professor of Economics, *California Polytechnic State University*, SLO.
Orfalea College of Business, Sept. 2007 – Aug. 2015

Senior Economist. Economic Research Department.
Central Bank of Venezuela, 2003-2004

Junior Economist.
Congressional Budget Office, Venezuela, 2002-2003

Assistant Professor of Economics, *University of Notre Dame*.
Mendoza College of Business (On leave during the academic years 2002-2004),
Aug. 1999 – Aug. 2007

Strategic Planning Manager at the Vice Presidency for Financial Planning.
Banco de Venezuela, 1989-1991

Presentations at Professional Meetings

Advances in Field Experiments, University of Chicago, September 2025.

South West Economic Theory Conference, University of Arizona, March 2025.

European Winter Meeting of the Econometric Society, *University of the Balearic Islands*, December, 2024.

Meeting of the Society for Social Choice and Welfare, *Paris School of Economics*, July, 2024.

Expert Group Meeting on Gender Inequality in Social Institutions, OECD, November 2020. Paris/Virtual.

Winter Meeting of the *Econometric Society*, August 2019. Manchester, UK.

European Meeting of the *Econometric Society*, August 2019. Manchester, UK.

Association for Public Economic Theory Annual Conference, July 2017, Paris.

Expert Group Meeting on Gender Inequality in Social Institutions, OECD, September 2016. Paris.

Expert Group Meeting on Gender Inequality in Human Development, UNDP, June 2015. Reykjavik.

Second Green Economy Progress Index Workshop, UNEP, June 2015. Geneva.

First Green Economy Progress Index Workshop, UNEP, April 2015. Geneva.

South West Economic Theory Conference, University of Arizona, March 2015.

Association for Public Economic Theory Annual Conference, July 2013. Lisbon.

International Economic Development and the Promotion of Human Rights: Finding Harmony and Measuring Progress to Achieve Human Development, DePaul University College of Law, April 2013. Chicago.

Second Conference on Measuring Human Development Progress, UNDP, March 2013. New York.

Seminar on Measurement of Sustainable Human Development, French Agency for Development/UNDP, January 2013. Paris.

Seminar on Sustainability and Measurement of Human Progress, UNDP, May 2012. New York.

Conference on Measuring Human Development Progress, UNDP, January 2012. New York.

European Meeting of the *Econometric Society*, August 2009. Barcelona, Spain.

South West Economic Theory Conference, Caltech, March 2009.

European Meeting of the *Econometric Society*, July 2008. Milan, Italy.

Third World Meeting of the *Game Theory Society*, July 2008. Evanston, Illinois.

Latin American Meeting of the *Econometric Society*, November 2006. Mexico City, Mexico.

Latin American and Caribbean Economics Association Annual Meeting, November 2006. Mexico City, Mexico.

Australasian Meeting of the *Econometric Society*, July 2006. Alice Springs, Australia.

North American Meeting of the *Econometric Society*, Minnesota, June 2006.

Midwest Economic Theory Conference, Michigan State, May 2006.

Midwest Economic Theory Conference, Vanderbilt, May 2005.

First Brazilian Workshop of the *Game Theory Society*, 2002.

Latin American Meeting of the *Econometric Society*, July 2001. Buenos Aires, Argentina.

Midwest Economic Theory Conference, May 2001. Wisconsin, Madison.

Winter meeting of the *Econometric Society*, January 2001. New Orleans, Louisiana.

First World Meeting of the *Game Theory Society*, July 2000. Bilbao, Spain.

Midwest Economic Theory Conference, May 2000. Lexington, Kentucky.

Conference organized by the *Central Bank of Venezuela*, December 1997. Caracas, Venezuela.

European Meeting of the *Econometric Society*, August 1997. Toulouse, France.

Latin American Meeting of the *Econometric Society*, August 1997. Santiago, Chile.

Meeting of the *Latin American Law and Economics Association*, June 1997. Caracas, Venezuela.

Annual Conference of the *Association of Economic Theory of Southern Europe* (ASSET), November 1996. Alicante, Spain.

Santa Fe Institute Graduate Workshop in Computational Economics, June-July 1996. Santa Fe, New Mexico.

Annual Conference of the *Society for the Advancement of Behavioral Economics*, August 1995. Toronto, Canada.

Honors, Grants, and Fellowships

Sept. 2023 – Aug. 2026

Principal Investigator, National Science Foundation Award # 2313969.
Egalitarian Equivalent Treatment Effects: The Econometrics of Inequality-Sensitive Treatment Effects Estimation. \$231,797.

July – Dec. 2022

Member of the inaugural cohort of the NSF-NBER sponsored Mentorship Program to Support NSF Grant Proposal Development for MSI Faculty.

Nov. 2015 – Aug. 2018

Jacobsen Faculty Fellow, *California Polytechnic State University*, San Luis Obispo. Orfalea College of Business.

1993 Scholarship for pursuing Ph.D. studies in Economics. Awarded by *Fundación Gran Mariscal de Ayacucho* (a Venezuelan-based institution), and administered by the *Latin American Scholarship Program for American Universities (LASPAU)*.

1986 XI National Mathematical Olympics. Third prize. Organized by the *National Center for the Natural Sciences*, Venezuela.

1984 IX National Mathematical Olympics. Second prize.

Governance Activities for the University, College, Department

(including only the most recent)

Economics seminar coordinator, multiple years (including at present).
 OCOB Dean's Advisory Council Member, 2018-.
 Academic Director, MS in Quantitative Economics, Fall 2019 to Spring 2022.
 Member, Faculty Affairs Committee, University Senate, multiple years.
 Co-chair, OCOB Dean Search Advisory Committee, 2019-2020.
 Chair, OCOB Evaluation of Teaching Task Force, Fall 2018.
 Chair, OCOB Associate Dean Search Committee, 2016.
 Member, OCOB Dean Search Committee, 2016-2017.
 Chair, Professional Leave and Research Committee, 2014-2015.
 Chair, Assessment and Curriculum Committee, Economics Area, Fall 2013 to Spring 2018.

Professionally-related Service

Member of the External Review Committee for CIDE, México, 2011-2014.

Member of the Editorial Board of the *Latin American Economic Review*, since 2013.

Refereeing services for the *American Economic Review*, *Econometrica*, the *Journal of Economic Theory*, *Games and Economic Behavior*, *Journal of Mathematical Economics*, *Journal of Health Economics*, *Social Choice and Welfare*, *International Journal of Game Theory*, *Mathematical Social Sciences*, *Theory and Decision*, *Journal of Public Economic Theory*, *Synthese*, *Economics Letters*, *Economics and Philosophy*, *One Earth*, the *BE Journals in Theoretical Economics*, the *International Journal of Economic Theory*, *Games*, *Homo Oeconomicus*, the *Review of International Economics*, the *Review of Income and Wealth*, the *Journal of Institutional and Theoretical Economics*, the *Eastern Economic Journal*, the *Cambridge Journal of Economics*, the *Journal of Human Development and Capabilities*, the *Southern Economic Journal*, *Economics Bulletin*, *Finance Review Letters*, *Group Decisions and Negotiations*, *Feminist Economics*, *Heliyon*, *Estudios Económicos* and *Temas de Coyuntura*.

Research proposal evaluation services for the *National Science Foundation* (US) and the *Social Science and Humanities Research Council* (Canada).

Memberships in Professional Societies

Member of the Econometric Society.

Other Teaching, Mentoring and Curricular Achievements

Presentations in Seminars

Universidad Torcuato Di Tella, UC-Davis, QTM-Emory, ISER-Osaka, SLU-Umeå, UC-Santa Barbara, George Washington University, Cornell University, UNDP, ASU, AQR Capital, UC-Santa Barbara, UC-Davis, University of Notre Dame, Claremont McKenna, Cal Poly, Wesleyan University, Purdue, Cornell University, UC-Irvine, Tor Vergata University, Central Bank of Venezuela, Purdue, IESA, UC-Irvine, University of Notre Dame, University of Rochester, Erasmus University, CIDE, ITAM, El Colegio de México, Universidad de Alicante, Cornell University.

Invited Lectures

"Industrial Organization and Game Theory," Tor Vergata University, Italy, December 2003.

"The Tension Between Prediction and Optimization in Games," Cornell University, April 2001.

Visiting Positions

ISER-OSAKA University

July, 2024.

Princeton University

Visiting Scholar. Winter and Spring, 2019.

George Washington University

Visiting Scholar. Winter, 2012.

Cornell University

Visiting Scholar. Department of Economics. Fall, 2011.

New York University

Visiting Scholar. Stern School of Business. Summer, 2009.

REFERENCES

Kaushik Basu

Professor of Economics and C Marks Professor
Department of Economics, Cornell University
Phone: 1-607-255-2525, email: kb40@cornell.edu.

Adam Brandenburger

J.P. Valles Professor of Business Economics and Strategy
Stern School of Business, New York University
Phone: 1-212-998-0430, email: adam.brandenburger@stern.nyu.edu.

David Easley

Henry Scarborough Professor of Social Science and Professor of Information Science
Department of Economics, Cornell University
Phone: 1-607-255-4254, email: dae3@cornell.edu.

Marc Fleurbaey

Paris School of Economics
Phone: 33-1-80-52-17-72, email: marc.fleurbaey@psemail.eu.

Cármén Herrero Blanco

Research Professor
Valencian Institute of Economic Research
Phone: 96-319-0050, email: carmen.herrero@ivie.es.

Roger Myerson

David L. Pearson Distinguished Service Professor of Global Conflict Studies
Department of Economics and Harris School of Public Policy, The University of Chicago
Phone: 1-773-834-9071, email: rmyerson@uchicago.edu.

Antonio Villar

Professor of Economics
Universidad Pablo de Olavide
Phone: 34-954-77974 , email: avillar@upo.es.