

CURRICULUM VITAE

Salvador Navarro

1. Personal Information

Department of Economics
Social Science Center
University of Western Ontario
London, ON, Canada, N6A 5C2

Phone: (519) 661-2111, ext. 81586

Fax: (519) 661-3666

E-mail: snavarr@uwo.ca

Website: <http://economics.uwo.ca/people/faculty/navarro.html>
<https://sites.google.com/site/econsalvador/>

Citizenship: Mexican
Permanent Resident of Canada

Current Position

Associate Professor
Department of Economics
University of Western Ontario
Major Fields of Concentration

Applied Econometrics, Labor Economics, Crime, Industrial Organization, Education,
Nonparametric Identification

Education

Degree	Field	Institution	Year
Ph.D.	Economics	University of Chicago	2005
M.A.	Economics	University of Chicago	2001
M.A.	Economics	El Colegio de Mexico	1999
B.A.	Economics	ITESM Monterrey	1996

Dissertation

Title: Understanding Schooling: Using Observed Choices to Infer Agent's Information in a Dynamic Model of Schooling Choice when Consumption Allocation is Subject to Borrowing Constraints

Committee: James Heckman (Advisor), Lars Hansen, Robert Townsend, Rosa Matzkin

Completion Date: May 2005

Academic and Professional Experience

(i) Affiliations

2015 – present	Associate Professor, Department of Economics, University of Western Ontario
2014 – 2015	Visiting Associate Professor, Department of Economics, Southern Methodist University
2005 – 2011	Assistant Professor, Department of Economics, University of Wisconsin-Madison
1998	Assistant Professor, Department of Economics, ITESM-CCM

(ii) Editorial Positions

2016 – present	Associate Editor, <i>Quantitative Economics</i>
2015 – present	Associate Editor, <i>Journal of Economics and Business Statistics</i>
2012 – 2015	Co-Editor, <i>Economic Inquiry</i>

Academic Honors and Awards

2018 – 2020	Faculty Scholar, University of Western Ontario
2015 – 2020	W. Glenn Campbell Fellow, University of Western Ontario
2008	Christensen Award, Department of Economics, University of Wisconsin-Madison
2007	McKenzie Prize, Department of Economics, University of Wisconsin-Madison
2005	Shoemaker Fellow, Department of Economics, University of Wisconsin-Madison
2004	George G. Stigler Dissertation Fellowship, Department of Economics, University of Chicago
2003	Esther and T.W. Schultz Endowment Fund Dissertation Fellowship, Department of Economics, University of Chicago
2002	Illinois Economic Association, “Best Graduate Student Paper Award”
1996 – 2003	Conacyt Fellowship

1996 “Luis Donaldo Colosio” National Award for Economic Research, Mexico

2. Research and Scholarly Activities

Publications

(i) Articles in Refereed Journals

Gandhi, Amit, Salvador Navarro, and David A. Rivers. “On the Identification of Gross Output Production Functions” working paper. Conditionally accepted at *Journal of Political Economy*. (Equal co-authorship)

Navarro, Salvador and Jin Zhou. 2017. “Identifying Agent's Information Sets: an Application to a Lifecycle Model of Schooling, Consumption, and Labor Supply,” *Review of Economic Dynamics*, 25, pp. 58-92. (Equal co-authorship)

Mancino, Maria Antonella, Salvador Navarro, and David A. Rivers. 2016. “Separating State Dependence, Experience, and Heterogeneity in a Model of Youth Crime and Education,” *Economics of Education Review*, 54, pp. 274-305. (Equal co-authorship)

Cooley Fruehwirth, Jane, Salvador Navarro, and Yuya Takahashi. 2016 “How the Timing of Grade Retention Affects Outcomes: Identification and Estimation of Time-varying Treatment Effects.,” *Journal of Labor Economics*, 34(4), pp.979-1021. (Equal co-authorship)

Durlauf, Steven N., Salvador Navarro, and David A. Rivers. 2016 “Model Uncertainty and the Effect of Shall-Issue Right-to-Carry Laws on Crime,” *European Economic Review*, 81, pp. 32-67. (Equal co-authorship)

Durlauf, Steven N., Chao Fu, and Salvador Navarro. 2013. “Capital Punishment and Deterrence: Understanding Disparate Results,” *Journal of Quantitative Criminology*, 29(1), pp. 103-121. (Equal co-authorship)

Brock, William A., Jane Cooley, Steven N. Durlauf, and Salvador Navarro. 2012. “On The Observational Implications of Taste-Based Discrimination in Racial Profiling,” *Journal of Econometrics*, 166(1), pp. 66-78. (Equal co-authorship)

Durlauf, Steven N., Salvador Navarro, and David A. Rivers. 2010. “Understanding Aggregate Crime Regressions,” *Journal of Econometrics*, 158(2), pp. 306-317. (Equal co-authorship)

Cunha, Flavio, James J. Heckman, and Salvador Navarro. 2007. “The Identification and Economic Content of Ordered Choice Models with Stochastic Thresholds,” *International Economic Review*, 48(4), pp. 1273-1309. (Equal co-authorship)

Basu, Anirban, James J. Heckman, Salvador Navarro, and Sergio Urzua. 2007. "Use of Instrumental Variables in the Presence of Heterogeneity and Self-selection: An Application to Treatments of Breast Cancer Patients," *Health Economics*, 16(11), pp. 1133-1157. (Equal co-authorship)

Heckman, James J. and Salvador Navarro. 2007. "Dynamic Discrete Choice and Dynamic Treatment Effects," *Journal of Econometrics*, 136(2), pp. 341-296. (Equal co-authorship)

Cunha, Flavio, James J. Heckman, and Salvador Navarro. 2005. "Separating Uncertainty from Heterogeneity in Life Cycle Earnings," *Oxford Economic Papers*, 57(2), pp. 191-261. (Equal co-authorship)

Heckman, James J. and Salvador Navarro. 2004. "Using Matching, Instrumental Variables, and Control Functions to Estimate Economic Choice Models," *Review of Economics and Statistics*, 86(1), pp. 30-57. (Equal co-authorship)

Navarro, Salvador. 2003. "Matching, Selection and the Propensity Score: Evidence from Training in Mexico," *El Economista Mexicano*, 3.

(ii) Articles in Papers and Proceedings Issues of Refereed Journals

Durlauf, Steven N., Chao Fu, and Salvador Navarro. "Assumptions Matter: Model Uncertainty and the Deterrent Effect of Capital Punishment," *American Economic Review: Papers and Proceedings*, 102(3), pp. 487-492. (Equal co-authorship)

(iii) Chapters in Edited Volumes

Navarro, Salvador, Steven Durlauf, and David Rivers. 2008. "On the Use of Aggregate Crime Regressions in Policy Evaluation," in *Understanding Crime Trends*, A. S. Goldberger and R. Rosenfeld, eds. The National Academies Press, Washington, D.C. (Equal co-authorship)

Navarro, Salvador, "Control Function", in *The New Palgrave Dictionary of Economics*, 2nd ed., S.N. Durlauf and L. E. Blume, eds. 2008, London: Palgrave Macmillan Press.

Navarro, Salvador, Flavio Cunha, and James Heckman. 2006. "Counterfactual Analysis of Inequality and Social Mobility," in *Mobility and Inequality: Frontiers of Research from Sociology and Economics*, G. Fields, D. Grusky and S. Morgan, eds. Stanford University Press. (Equal co-authorship)

Unpublished Work

(i) Articles Currently Under Review at Refereed Journals

Navarro, Salvador, and Juan Esteban Carranza. "Identification of Dynamic Models with Aggregate Shocks with an Application to Mortgage Default in Colombia," working paper. Under revision at *Econometrics Journal*. (Equal co-authorship)

Navarro, Salvador, Neil Bendle, Alina Nastasoiu and Mark Vandenbosch. “Is It Worth It? Accountability and Retail Loyalty Programs,” working paper. Under revision at *Journal of Marketing*. (Equal co-authorship)

(ii) Working Papers

Gandhi, Amit, Salvador Navarro, and David A. Rivers. “How Heterogeneous is Productivity? A Comparison of Gross Output and Value Added,” working paper. (Equal co-authorship)

Navarro, Salvador, and Yuya Takahashi. “A Semiparametric Test of Agent's Information Sets for Games of Incomplete Information,” working paper. (Equal co-authorship)

(iii) Work in Progress

Educational Attainment and Migration: a Cautionary Tale with Jin Zhou.

Nonparametric Identification of Productivity in Nonseparable Production Functions with David Rivers.

A Dynamic Model of Peer Effects and Skill Production with Jane Cooley and Yuya Takahashi.

Mixed Evidence on Racial Profiling: Contrasting Findings across Methods and Contexts with Jane Cooley.

Who Should Fight: Selection and Military Manpower with Javier Birchenall and Benjamin Hansen.

Research Grants

2018-2020	Faculty Scholar Award Amount: \$14,000 CAD
2017-2022	“Empirical Methods for Studying Technical Efficiency, Productivity, and Competition” Role: Principal Investigator Grant: SSHRC Insight Research Grant Grantor: Social Sciences and Humanities Research Council Amount: \$137,374 Responsibilities: Full responsibility
2012-2016	“Empirical Methods for the Analysis of Production Functions and Productivity” Role: Principal Investigator Grant: SSHRC Insight Research Grant Grantor: Social Sciences and Humanities Research Council Amount: \$262,827 Responsibilities: Full Responsibility

- 2010-2011 “Observational Implications of Taste-Based Discrimination”
 Role: Co-applicant (with Jane Cooley and Steven Durlauf)
 Grant: Institute for Research on Poverty Grant
 Grantor: University of Wisconsin-Madison,
 Amount: 21,000
 Responsibilities: Develop the Statistical Methodology Required
- 2009-2010 “Human Capital Production with Dynamic Peer Effects: Implications for
 Improving Disadvantaged Students’ Outcomes”
 Role: Co-applicant (with Jane Cooley)
 Grant: Institute for Research on Poverty Grant
 Grantor: University of Wisconsin-Madison,
 Amount: 17,000
 Responsibilities: Develop the Statistical Methodology Required
- 2008-2009 “Timing Matters: Dynamics in Education Policy Evaluation”
 Role: Co-applicant (with Jane Cooley)
 Grant: Institute for Research on Poverty Grant
 Grantor: University of Wisconsin-Madison,
 Amount: 17,000
 Responsibilities: Develop the Statistical Methodology Required
- 2007-2008 “Methods to Estimate Dynamic Treatment Effects”
 Role: Principal Investigator
 Grant: Institute for Research on Poverty Grant
 Grantor: University of Wisconsin-Madison
 Amount: 12,000
 Responsibilities: Full Responsibility
- 2005 “Understanding Schooling”
 Role: Principal Investigator
 Grant: Shoemaker Fellow
 Grantor: Department of Economics, University of Wisconsin-Madison
 Amount: 7,500
 Responsibilities: Full Responsibility
- 2004 “Using Observed Choices to Infer Agents’ Information Sets”
 Role: Principal Investigator
 Grant: George G. Stigler Dissertation Fellowship
 Grantor: Department of Economics, University of Chicago
 Amount: 24,000
 Responsibilities: Full Responsibility

- 2003 “Using Observed Choices to Infer Agents’ Information Sets”
 Role: Principal Investigator
 Grant: Esther and T.W. Schultz Endowment Fund Dissertation Fellowship
 Grantor: Department of Economics, University of Chicago
 Amount: 24,000
 Responsibilities: Full Responsibility
- 1999 – 2001 “Using Observed Choices to Infer Agents’ Information Sets”
 Role: Principal Investigator
 Grant: Ford Foundation Fellowship
 Grantor: Ford Foundation
 Amount: 12,000
 Responsibilities: Full Responsibility
- 1999 – 2003 “Using Observed Choices to Infer Agents’ Information Sets”
 Role: Principal Investigator
 Grant: Conacyt Fellowship
 Grantor: Conacyt (Mexico)
 Amount: 120,000
 Responsibilities: Full Responsibility

Presentations

(i) Conferences and Professional Meetings: Invited Lecture and Keynote Speeches

Invited Lecture; XIII Human Capital and Growth Meeting (Monterrey, Mexico) “Human Capital and Migration: a Cautionary Tale,” October 2018

Invited Lecture; First Workshop on Structural Industrial Organization (Bogota, Colombia) “Nonparametric Identification of Productivity in Nonseparable Production Functions,” October 2017

Keynote Speaker; XXXV International Economics Symposium (Monterrey, Mexico) “On the Identification of Production Functions: How Heterogeneous is Productivity?” October 2016

Keynote Speaker; Regional Productivity Workshop (Aguascalientes, Mexico) “On the Identification of Production Functions: How Heterogeneous is Productivity?” October 2015

Invited Lecture; Annual Meeting of the Latin American and Caribbean Economic Association (Sao Paulo, Brazil) “On the Identification of Production Functions: How Heterogeneous is Productivity?” November 2014

Keynote Speaker; Coloquio Mexicano de Economía Matemática y Econometría – Mexican Colloquium of Mathematical Economics and Econometrics (Monterrey, Mexico) “Model Uncertainty and the Effect of Concealed Weapons on Crime,” September 2014

Invited Lecture; Chinese Academy of Social Science (Beijing China) “A Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” November 2011

Invited Lecture; X Human Capital Meeting, Growth and Poverty (Monterrey, Mexico) “Understanding Aggregate Crime Regressions,” October 2008

Invited Lecture; IX Encuentro Capital Humano, Crecimiento, Pobreza: Problemática Mexicana - IX Human Capital Meeting, Growth and Poverty (Monterrey, Mexico) “Returns to schooling in Mexico: A control function approach,” October 2007

(ii) Conference Presentations and Professional Meetings

Society for Economic Dynamics (Mexico City, Mexico) “Human Capital and Migration: a Cautionary Tale,” July 2018

93rd Annual Conference of the Western Economic Association (Vancouver, Canada) “Human Capital and Migration: a Cautionary Tale,” June 2018

IRP Summer Research Workshop (University of Wisconsin-Madison) “Human Capital and Migration: a Cautionary Tale,” June 2018

2018 Conference on Identification in Econometrics (Vanderbilt University) “Nonparametric Identification of Productivity in Nonseparable Production Functions,” April 2018

22nd Meeting of the Society for Labor Economists (Raleigh, North Carolina) “Quantifying Credit Constraints, Preferences, and Uncertainty in a Lifecycle Model of Schooling Choice,” May 2017

IRP Summer Research Workshop (University of Wisconsin-Madison) “Separating State Dependence, Experience and Heterogeneity in a Model of Youth Crime and Education,” June 2016

11th World Congress of the Econometric Society (Montreal, Canada) “Separating State Dependence, Experience and Heterogeneity in a Model of Youth Crime and Education,” August 2015

RIDGE / AL CAPONE Workshop on Economics of Crime (Montevideo, Uruguay) “Model Uncertainty and the Effect of Shall - Issue Right-to-Carry Laws on Crime,” March 2015

Texas Econometrics Camp XX (Montgomery, TX) “Model Uncertainty and the Effect of Shall-Issue Right-to-Carry Laws on Crime,” March 2015

- Winter Meetings of the Econometric Society (Boston, MA) “Using Observed Choices to Infer Agent's Information: Reconsidering the Importance of Borrowing Constraints, Uncertainty and Preferences in College Attendance,” January 2015
- 2014 Stata Texas Empirical Microeconomics Conference (Dallas, TX) “On the Identification of Production Functions: How Heterogeneous is Productivity?,” November 2014
- Annual Meeting of the Latin American and Caribbean Economic Association (Mexico City, Mexico) “On the Identification of Production Functions: How Heterogeneous is Productivity?” November 2013
- Workshop on Research Methods to Study Productivity Determinants Within Firms and the Role of Policy (Ottawa, Canada) “Using Firm Level Data to Study Productivity,” November 2012
- Workshop on "Financing Human Capital, Credit Constraints, and Market Frictions" (Chicago, IL) “Using Observed Choices to Infer Agent's Information: considering the Importance of Borrowing Constraints, Uncertainty and Preferences in College Attendance,” June 2012
- North American Productivity Workshop VII (Houston, TX) “On the Identification of Production Functions: How Heterogeneous is Productivity?” June 2012
- 2nd Workshop on ‘Structural Approaches to Productivity and Industrial Dynamics’ (Rome, Italy) “On the Identification of Production Functions: How Heterogeneous is Productivity?” April 2012
- Society for Economic Dynamics (Limassol, Cyprus) “Capital Punishment and Deterrence: Understanding Disparate Results,” June 2012
- Winter Meetings of the Econometric Society (Chicago, IL) “Capital Punishment and Deterrence: Understanding Disparate Results,” January 2012
- American Society of Criminology Meeting (Washington DC) “Capital Punishment and Deterrence: Understanding Disparate Results,” November 2011
- Society for Economic Dynamics (Ghent, Belgium) “Identification of Dynamic Models with Aggregate Shocks with an Application to Mortgage Default in Colombia,” July 2011
- Bridging the Gap Between Economic Theory and Econometric Practice: A Conference in Honor of James Heckman (University of Chicago) “A Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” November 2010
- 10th World Congress of the Econometric Society (Shanghai, China) “A Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” August 2010

- Third World Conference EALE/SOLE (University College London, England) “Mixed Evidence on Racial Profiling: Contrasting Findings across Methods and Contexts,” June 2010
- Third World Conference EALE/SOLE (University College London, England) “A Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” June 2010
- First International Workshop on Applied Economics of Education (Catanzaro, Italy) “A Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” June 2010
- CRES Empirical Microeconomics Conference (Washington University in St. Louis) “A Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” April 2010
- Winter Meetings of the Econometric Society (Atlanta, GA) “A Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” January 2010
- 8th triennial Invitational Choice Symposium (Key Largo, FL) “A semiparametric test of agent's information sets for games of incomplete information,” May 2010
- NBER Education Program Meeting (Stanford University) “A Framework for the Analysis of Time-varying Treatment Effects: How the Timing of Grade Retention Affects Outcomes,” November 2009
- 5th IZA Conference on Labor Market Policy Evaluation (Washington, DC) “An Econometric Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” October 2009
- North American Summer Meetings of the Econometric Society (Boston University) “An Econometric Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” June 2009
- 7th International Industrial Organization Conference (Boston, MA) “A semiparametric test of agent's information sets for games of incomplete information,” April 2009
- North American Summer Meetings of the Econometric Society (Carnegie Mellon University) “An empirical dynamic model of mortgage default in Colombia between 1997 and 2004,” June 2008
- North American Summer Meetings of the Econometric Society (Carnegie Mellon University) “Estimating Production Functions with Heterogeneous Firms,” June 2008
- IRP Summer Research Workshop (University of Wisconsin-Madison) “A Framework for the Analysis of Dynamic Treatment Effects: Grade Retention and Test Scores,” June 2008
- Winter Meetings of the American Economics Association (New Orleans, LA) “Separating Heterogeneity from Uncertainty in an Incomplete-Market Economy,” January 2008

Understanding Crime Trends Workshop (Washington DC) “On the use of aggregate crime regressions in policy evaluation,” April 2007

Winter Meetings of the American Economics Association (Philadelphia, PA) “Using Matching, Instrumental Variables, and Control Functions to Estimate Models,” January 2005

CAM Conference on Education, Wages and Risk, Centre for Applied Microeconometrics; (Copenhagen, Denmark) “Separating Uncertainty from heterogeneity in life cycle earnings.” August 2004

SITE Summer Workshop (Stanford University) “Separating Heterogeneity From Uncertainty in an Aiyagari-Laitner Economy,” July 2004

IRP Summer Research Workshop (University of Wisconsin-Madison) “Separating Uncertainty from heterogeneity in life cycle earnings,” June 2004

UCLA Conference on Panel Data (University of California at Los Angeles) “Dynamic Treatment Effects and Dynamic Discrete Choice,” April 2004

Goldwater Conference on Labor Markets (Arizona State University) “Separating Heterogeneity from Uncertainty in an Aiyagari-Laitner Economy,” March 2004

Frontiers in Socioeconomic Mobility: Conceptual and Methodological Challenges Conference (Cornell University) “Lifting the Veil of Ignorance in Evaluating the Distributional Consequences of Social Policy,” March 2003

7th Annual Meeting of the Latin American and Caribbean Economic Association (Madrid, Spain) “Matching, selection and the propensity score: evidence from training in Mexico,” October 2002

7th Annual Meeting of the Latin American and Caribbean Economic Association (Madrid, Spain) “The importance of being formal: testing for segmentation in the Mexican labor market,” October 2002

(iii) Conference Discussion

Annual Health Econometrics Workshop (Baltimore, Maryland) “Technological Advance in Cholesterol Medication Meets Physician Learning: A Non-Parametric Bounding Approach” by Vincenzo Atella, Federico Belotti, Jay Bhattacharya and Domenico Depalo, September 2018

32nd Meeting of the Canadian Econometrics Study Group (Guelph, Canada) “Identification and Estimation of Production Function with Unobserved Heterogeneity” by Hiro Kasahara, Paul Schrimpf and Michio Suzuki, September 2015

Annual Health Econometrics Workshop (Toronto, Canada) “Estimating Heterogeneous Treatment Effects in Randomized Control Trials” by Christopher P. Adams, September 2014

Winter Meetings of the Econometric Society (Philadelphia, PA) “Evaluating the Distributional Effects of Performance-Based Educational Policies, with an Application to Grade Retention” by Xavier D’Haultfoeuille, Arnaud Maurel and Jean-Marc Robin, January 2014

Financing Human Capital Markets Group Inaugural Conference (Chicago, IL) “Understanding the Income Gradient in College Attendance in Mexico: The Role of Heterogeneity in Expected Returns” by Katja Kaufmann, January 2012

Winter Meetings of the American Economic Association (San Francisco, CA) “Efficient Semiparametric Estimation of Multi-Valued Treatment Effects” by Matias Cattaneo, January 2009

2nd Biennial Conference of the American Society of Health Economists (Duke University) “Recursive Partitioning Approaches to Modeling Genetics as a Source of Treatment Effect Heterogeneity” by Dave Vaness, June 2008

2nd Biennial Conference of the American Society of Health Economists (Duke University) “Treatment Effects Using Copulas” by Partha Deb, June 2008

Will Standards-Based Reform in Education Help Close the Poverty Gap? (University of Wisconsin-Madison) “Grade Retention in the Age of NCLB” by Robert M. Hauser, Carl B. Frederick and Megan Andrew, February 2006

Will Standards-Based Reform in Education Help Close the Poverty Gap? (University of Wisconsin-Madison) “The Impact of High School Exit Exams on Educational Attainment and Labor Market Outcomes” by Thomas S. Dee and Brian A. Jacob, February 2006

(iv) Seminar Presentations

“Quantifying Credit Constraints, Preferences, and Uncertainty in a Lifecycle Model of Schooling Choice”

2017 Arizona State University

“Model Uncertainty and the Effect of Shall-Issue Right-to-Carry Laws on Crime”

2015 Sam Houston State University

2015 The University of Reading

2015 London School of Economics

2014 Duke University

“Separating State Dependence, Experience, and Heterogeneity in a Model of Youth Crime and Education”

2015 Bank of Mexico
 2015 Royal Holloway, University of London
 2015 Southern Methodist University

“On the Identification of Production Functions: How Heterogeneous is Productivity?”

2016 University of Notre Dame
 2016 Purdue University
 2015 University of Rochester
 2015 Washington University in St. Louis
 2015 Rice University
 2014 University of Calgary
 2014 EIEF
 2013 SUNY Binghamton University
 2013 El Colegio de Mexico
 2013 CIDE
 2012 Johns Hopkins University
 2012 Bank of Canada
 2012 University of British Columbia
 2012 Penn State
 2011 Universidad ICESI
 2011 IUPUI
 2011 University of Pittsburgh

“Identification of Dynamic Models with Aggregate Shocks with an Application to Mortgage Default in Colombia”

2008 Washington University in St. Louis
 2008 SUNY – Buffalo

“Identification and Estimation of Time-varying Treatment Effects: How the Timing of Grade Retention Affects Outcomes”

2010 Northern Illinois University
 2010 University of Virginia
 2010 Texas A & M University
 2010 University of Texas-Austin
 2010 University of Western Ontario
 2010 University of Toronto
 2010 Boston College
 2010 Simon Fraser University
 2010 University of Houston
 2010 University of Iowa

2010 University of North Carolina Chapel-Hill
 2009 University of Pennsylvania
 2009 Ohio State University
 2009 University of Wisconsin-Madison
 2008 University of Chicago
 2008 Rand
 2008 Princeton University

“Dynamic Discrete Choice and Dynamic Treatment Effects”

2005 Northwestern University

“Understanding Schooling: Using Observed Choices to Infer Agent's Information in A Dynamic Model of Schooling Choice When Consumption Allocation is Subject to Borrowing Constraints”

2014 Bocconi University
 2007 University of Rochester
 2007 University of Minnesota
 2006 University of California at Los Angeles
 2006 Duke University
 2006 Washington University in St. Louis
 2005 El Colegio de Mexico
 2005 University of Southern California
 2005 University of Illinois Urbana-Champaign
 2005 University of Wisconsin-Madison
 2005 Boston University
 2005 Yale University
 2005 Stanford University
 2005 University of Western Ontario

“Use of Instrumental Variables in the Presence of Heterogeneity and Self-selection: An Application in Breast Cancer Patients”

2006 University of Wisconsin-Madison

“Using Matching, Instrumental Variables and Control Functions to Estimate Economic Choice Models”

2002 University College London

Refereeing

(i) Journals

American Economic Review
American Economic Journal: Applied Economics

American Economic Journal: Microeconomics
American Economic Journal: Macroeconomics
The B.E. Journal of Economic Analysis & Policy
Canadian Journal of Economics
Developmental Psychology
Econometrica
Econometrics Journal
Econometric Reviews
Economic Letters
International Economic Review
Journal of Applied Econometrics
Journal of Economic Literature
Journal of Business and Economics Statistics
Journal of Econometrics
Journal of Economic Surveys
Journal of Human Capital
Journal of Labor Economics
Journal of Political Economy
Labour Economics
Quantitative Economics
Review of Economic Studies
Review of Economics and Statistics
Southern Economic Journal
Journal of the American Statistical Association
RAND Journal of Economics

(ii) Granting Organizations

Social Science and Humanities Research Council
 Institute for Research on Poverty Grant
 National Science Foundation

(iii) Professional Affiliations

Western Economic Association
 Econometric Society
 Canadian Economic Association

3. Teaching, Mentoring and Advising

Courses Taught

University of Western Ontario

2017-2018	Economics 9609A-001	Advanced Methods in Applied Economics	(Ph.D.)
	Economics 9606B-001	Econometrics and Quantitative Methods II	(Ph.D.)

2016-2017	Economics 9605A-001 Economics 9609A-001	Econometrics and Quantitative Methods I Advanced Methods in Applied Economics	(Ph.D.) (Ph.D.)
2015-2016	Economics 9605A-001 Economics 9609A-001 Economics 9754A/9854A-001 Economics 9755B/9855B-001	Econometrics and Quantitative Methods I Advanced Methods in Applied Economics Applied Economics/Econometrics Workshop Applied Economics/Econometrics Workshop	(Ph.D.) (Ph.D.) (Ph.D.)
2013-2014	Economics 9609A-001	Advanced Methods in Applied Economics	(Ph.D.)
2012-2013	Economics 9609A-001 Economics 9681A-001	Advanced Methods in Applied Economics Social Networks (Co-taught)	(Ph.D.) (Ph.D.)
2011-2012	Economics 9609B-001 Economics 9641B-001	Advanced Methods in Applied Economics Labour Economics II	(Ph.D.) (Ph.D.)

University of Wisconsin-Madison

2006-2011	Econ 301	Intermediate Microeconomics	(UG)
2005	Econ 410	Introduction to Econometrics	(UG)
2016-2011	Econ 899	Topics in Computation Economics: Counterfactual Analysis in Economics	(Ph.D.)

Southern Methodist University

2015	Econ 7322	Development of Human Capital	(Ph.D.)
2014	Econ 6381	Economic Analysis I	(M.A.)

Universidad Los Andes

2015	N/A	Impact Evaluation Methods	(M.A.)
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Graduate Supervision

(i) Ph.D. Thesis Advisor:

Diego Salazar	Expected Completion: 2019
Zhuang Liu	Expected Completion: 2019
Fidel Perez Macal	Expected Completion: 2019

- Antonella Mancino “Essays on Crime, Education and Employment”
Completed: 2018
Placement: Wilfrid Laurier University
- Jin Zhou “Internal Migration with Endogenous Social Network
Investment”
Completed: 2016
Placement: University of Chicago (Postdoc)
- David Rivers “Essays in Empirical Microeconomics”
Completed: 2010
Placement: University of Western Ontario
- Yuya Takahashi “Essays on Estimating Discrete Games”
Completed: 2010
Placement: University of Mannheim
Co-advisor with JF Houde
- (ii) Ph.D. Thesis Committee Member:**
- Aldo Sandoval Hernandez Expected Completion: 2020
- Brian Held “Essays on Learning and Skill Requirements in the Labor
Market”
Expected Completion: 2019
Placement: JP Morgan Chase
- Yuki Onozuka Expected Completion: 2019
- Tomas Handler Expected Completion: 2019
- Miguel Cardoso “Essays in International Economics: the Trade-Creation
Effect of Migration”
Completed: 2018
Placement: Brock University
- Alina Nastasoiu “Evaluating Retail Loyalty Programs with Endogenous
Redemption”
Completed: 2016
Placement: McMaster University
- Sergii Pypko “Volatility Modelling with Applications to Equity and
Foreign Exchange Markets”
Completed: 2016
Placement: National Bank

Carl Sanders	“Skill Accumulation, Skill Uncertainty, and Occupational Choice” Completed: 2011 Placement: Washington University in St. Louis
Emmanuele, Bobbio	“Replacement Hiring and Wages” Completed: 2010 Placement: Bank of Italy
Federico Diez	“Essays on Offshoring, Outsourcing and Tariffs” Completed: 2009 Placement: Federal Reserve Bank of Boston
Jonathan Hore	“Three Essays on the Labor Supply of Married Women “ Completed: 2008 Placement: Chicago Partners
Munenobu Ikegami	“Poverty Traps and Social Protection” Completed: 2008 International Livestock Research Institute
(iii) Summer Paper Advisor	
Marco Pariguana	“Can elite high schools become too elite?” 2018
Zhuang Liu	“Effects of File-sharing on Movie Box-office” 2015
Antonella Mancino	“Youth Crime, Education and Criminal Experience” 2014
Andrew Naaum	“Crime and Education by Gang Membership” 2014
Diego Salazar	“Thinking About Group Participation and Criminal Behavior” 2014
Youngmin Park	“Human Capital Risk over the Life Cycle” 2012
Jin Zhou	“Job Search and Migration” 2012

(iv) Ph.D. Thesis Examiner

Gauthier Tshiswaka-Kashalala “Reproductive Health and Labor Outcomes”
Completed: 2015

(v) M.A. Thesis Examiner

Timothy Kang “Abortion and Crime in Canada: A Test of the BMDL Hypothesis”
Completed: 2013

4. University Administrative Duties***Departmental Service*****Department of Economics, University of Western Ontario**

Coordinator, Ph.D. Comprehensive Committee – Econometrics	2017-2018, 2016-2017
Member, Appointments Committee	2017-2018, 2016-2017, 2015-2016, 2013-2014 2011-2012
Faculty-at-Large, Graduate Affairs Committee	2016-2017
Member, Ph.D. Comprehensive Committee	2015-2016
Director, Applied Economics/Econometrics Workshop	2015-2016
Director, Graduate Program	2013-2014
Director, Graduate Affairs Committee	2013-2014
Member, Committee on Academic Policy (CAP)	2013-2014
Co-Director, Graduate Program	2012-2013
Co-Director, Graduate Affairs Committee	2012-2013
Faculty-at-Large, Graduate Affairs Committee	2011-2012

Department of Economics, University of Wisconsin-Madison

Co-Director, Workshop in Public Economics	2009
Director, Workshop in Labor Economics	2007-2008
Member, Recruitment Committee	2006-2007
Member, Admissions and Aid Committee	2007-2010, 2005-2006
Faculty Representative, Social Science Computing Cooperative	2006-2011
University Senator (Alternate)	2005-2006
Honors Advisor	2005-2006