

# NIRAV MEHTA

Economics Department ◊ University of Western Ontario

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## RESEARCH INTERESTS

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Empirical microeconomics, labor economics, empirical contracts, economics of education, health economics, and public economics

## EMPLOYMENT

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<b>Associate Professor</b>	July 2019–present
Economics Dept., University of Western Ontario	London, ON, Canada

<b>Assistant Professor</b>	July 2011–June 2019
Economics Dept., University of Western Ontario	London, ON, Canada

<b>Economist</b>	Jan. 2004–Aug. 2005
New York State Senate Democrats, New York State Legislature	Albany, NY, USA

## EDUCATION

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<b>Ph.D., Economics</b> , University of Pennsylvania	2011
<b>M.Sc. with Distinction, Economics</b> , London School of Economics and Political Science	2003
<b>B.A., Economics and International Relations</b> , University of South Carolina	2001

## ACTIVE RESEARCH PROJECTS

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### Under Review

A Partial Identification Approach to Identifying the Determinants of Human Capital Accumulation: An Application to Teachers

CESifo Working Paper 9681

### Working Papers

#### In Progress

The Importance of Hidden Types, Hidden Actions, and Human Capital Accumulation in Determining Teacher Quality: Evidence from a Dynamic Structural Model Estimated using an Incentive Pay Experiment

Funded by SSHRC IDG Grant 430-2020-01098

Multidimensional Health Capital and the Production of Health

with Tian Liu and Seth Richards-Shubik

Optimal Contracting with Multitasking Agents

with Seth Richards-Shubik

The Impact of Primary Health Care Reform on Population Health: Theory and Evidence from Ontario

with Sisira Sarma

## **PUBLISHED/FORTHCOMING**

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### **Primary Topics/Methods**

Social Interactions, Mechanisms, and Equilibrium: Evidence From a Model of Study Time and Academic Achievement  
with Tim Conley, Ralph Stinebrickner, and Todd Stinebrickner

**Accepted at the *Journal of Political Economy*, 2023.** CESifo Working Paper 6896; NBER Working Paper 21418

Optimal Contracting with Altruistic Agents: Medicare Payments for Dialysis Drugs  
with Martin Gaynor and Seth Richards-Shubik

***American Economic Review*, 113(6), 1530-1571, 2023.**

An Economic Approach to Generalizing Findings From Regression-Discontinuity Designs

***Journal of Human Resources*, 54(4), 2019**

Measuring Quality for Use in Incentive Schemes: The Case of ‘Shrinkage’ Estimators

***Quantitative Economics*, 10(4), 1537–1577, 2019**

Time-Use and Academic Peer Effects in College

with Ralph Stinebrickner and Todd Stinebrickner

***Economic Inquiry*, 57(1), 162–171, 2019**

The Potential Output Gains from Using Optimal Teacher Incentives: An Illustrative Calibration of a Hidden Action Model

***Economics of Education Review*, 66, 67–72, 2018**

Ability Tracking, School and Parental Effort, and Student Achievement: A Structural Model and Estimation

with Chao Fu

***Journal of Labor Economics*, 36(4), 923–979, 2018**

Competition in Public School Districts: Charter School Entry, Student Sorting, and School Input Determination

***International Economic Review*, 58(4), 1089–1116, 2017**

### **Other Peer-Reviewed Publications**

Margolis, R., Y. Choi, A. Holm, and N. Mehta. February 2021. “The Effect of Expanded Parental Benefits on Union Dissolution.” *Journal of Marriage and Family*, 83(1): 191-208.

Nibene Habib Somé, Rose Anne Devlin, Nirav Mehta, Greg Zaric, and Sisira Sarma. “Team-based Primary Care Practice and Physician’s Services: Evidence from Family Health Teams in Ontario, Canada.” *Social Science and Medicine*, 264 (2020): 113310.

Nibene Habib Somé, Rose Anne Devlin, Nirav Mehta, Sisira Sarma, and Greg Zaric. “Stirring the Pot: Switching from Blended Fee-For-Service to Blended Capitation Models of Physician Remuneration.” *Health Economics*, 29(11), 1435-1455.

“Production of Physician Services under Fee-For-Service and Blended Fee-For-Service: Evidence from Ontario, Canada,” with Sisira Sarma, Nibene Habib Somé, Rose Anne Devlin, Gregory Zaric, Lihua Li, Salimah Shariff, Bachir Belhadji, Amardeep Thind, and Amit Garg. *Health Economics*, 28(12), 1418-1434.

Devlin, Rose Anne, Koffi-Ahoto Kpelitse, Lihua Li, Nirav Mehta, Sisira Sarma. “Family Physician Remuneration Schemes and Specialist Referrals: Quasi-experimental Evidence from Ontario, Canada,” *Health Economics*, 27(10), 1533–1549, 2018.

Devlin, Rose Anne, Koffi-Ahoto Kpelitse, Lihua Li, Nirav Mehta, and Sisira Sarma. “After-Hours Incentives and Emergency Department Visits: Evidence from Ontario.” *Canadian Public Policy*, 46(2), 253-263.

## **TEACHING**

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Ph.D. Communication and Professional Development I&II (Econ 9770A & 9771B/9880A & 9881B): 2021, 2022, 2023

Ph.D. Topics in Health, Education, and Empirical Contracts (Econ 9622A/B): 2021

Ph.D. Public Economics (Econ 9628A/B): 2012-2013, 2016, 2018, 2019

Ph.D. Communication and Professional Development I (Econ 9770A/9880A): 2019 (co-taught with Audra Bowlus)

Public Finance: Expenditure (Econ 3328A/B): 2016-2018, 2021

Applied Econometrics I (Econ 3388A): 2017-2018, 2021

Intermediate Econometrics I, Honors (Econ 2222A): 2011-2015

## **SEMINARS**

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2022: West Virginia University

2021: University of Chicago, Lifecycle Working Group

2020: University of North Carolina, Chapel Hill

2019: University of Wisconsin, Madison; New York University; SUNY Stony Brook; SUNY Buffalo

2016: Ryerson University; University of Illinois, Chicago; University of North Carolina, Chapel Hill; McGill University

2015: University of California, Los Angeles; Cornell University PAM; McMaster University

2014: University of Guelph; University of Calgary; Washington University in St. Louis; University of Rochester; University of California, Berkeley; University of Western Ontario Research Data Centre Seminar Series

2013: Brock University; Amherst College

2012: University of Wisconsin, Madison

2011: Ohio State University; University of Western Ontario; University of Minnesota; New York University; University of Miami

## **CONFERENCE PRESENTATIONS**

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2023: American Society of Health Economists (ASHEcon) Annual Conference

2022: CESifo Area Conference on Economics of Education, Munich; Canadian Economic Association Annual Conference, Carleton University, Ottawa

2019: CESifo Area Conference on Economics of Education, Munich; Labo(u)r Day (MSU, Michigan, and UWO Annual Labor Economics Conference)

2018: APPAM Fall Research Conference, Washington, DC; CESifo Area Conference on Economics of Education, Munich; Cowles Conference on Structural Microeconomics, Yale University, New Haven, CT; Canadian Economic Association Annual Conference, McGill University, Montreal, Quebec; Northwestern Healthcare Markets Conference, Kellogg School of Management; Society of Labor Economists Annual Meeting, Toronto

2017: HCEO Conference on Understanding Human Capital Formation and Its Determinants, University of Chicago, Chicago, IL; Association for Education Finance and Policy, Washington, DC; CESifo Area Conference on Economics of Education, Munich

2016: CESifo Area Conference on Economics of Education, Munich; “Economizing Education Policy: Tradeoffs, Incentives, and Generalizing from Evidence.” 2016 Jacobs Foundation Conference (Young Scholar program), Marbach Castle, Germany; Association for Education Finance and Policy, Denver, CO

2015: CESifo Area Conference on Economics of Education, Munich; Empirical Microeconomics Workshop, Banff, Alberta; Society for Economic Dynamics, Warsaw, Poland; Association for Education Finance and Policy, Washington, DC

2014: CESifo Area Conference on Economics of Education, Munich; “Workshop: Theory + Data + Policy” (visiting as Weatherall Scholar), Queen’s University; Canadian Economic Association Annual Conference, Simon Fraser University; Labo(u)r Day (MSU, Michigan, and UWO Annual Labor Economics Conference); American Economic Association Meetings, Philadelphia, PA

2013: “Public Policy from School to Retirement.” Arizona State University, Center for the Advanced Study of Economic Efficiency (CASEE); Canadian Economic Association Annual Conference, HEC Montreal

2012: Structural Estimation of Behavioral Models: A Conference In Honor of Kenneth I. Wolpin; North American Summer Meetings of the Econometric Society; Society for Economic Dynamics, Limassol, Cyprus; Labo(u)r Day (MSU, Michigan, and UWO Annual Labor Economics Conference); International Industrial Organization Conference, Arlington, VA; Association for Education Finance and Policy (poster session), Washington D.C.

2011: Association for Education Finance and Policy, Seattle, WA

2010: International Industrial Organization Conference, Vancouver, BC; Society for Research on Educational Effectiveness, Washington D.C.; Institute of Education Sciences Annual Conference, Washington D.C.

2009: Institute of Education Sciences Annual Conference, Washington D.C.

## **Internal Department Workshops**

2021: Center for Human Capital and Productivity (CHCP) Lunch Workshop

2018: Applied/Labor Lunch Workshop

2015: Applied/Labor Lunch Workshop

2014: Economic Theory Workshop

2013: Applied/Labor Lunch Workshop

## **GRANTS**

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2022-2024: SSHRC Insight Development Grant: “An Empirical Framework to Understand Multitasking Behavior of Health Care Providers,” \$46,645

2022-2023: Faculty Research Development Fund Internal Award: \$9,814

2020-2022: SSHRC Insight Development Grant: “Understanding the Evolution of Teacher Quality Using a Human Capital Framework,” \$37,549

2019-2021: Co-PI on World Bank grant (w/ Eeshani Kandpal and Gil Shapira): “How Do Financial Incentives Affect Effort Allocation by Health Providers?,” \$100,000 USD

2019-2024: Dean’s Research Grant for Research Excellence (\$5,000)

2017-2021: Co-investigator on Novo Nordisk Foundation Grant (w/ Fane Groes and Chao Fu, on research team P1): “The Socioeconomic Importance of Research-Based Education,” ~\$1.5 million USD (split with the four other research teams)

2017-2018: Jacob’s Foundation Research Grant, 40,000 CHF (~\$53,000)

2014-2015: Western Strategic Support for SSHRC Success, \$18,803

2012-2014: SSHRC Insight Development Grant, \$28,456

2012-2013: University of Western Ontario International Research Award, \$6,365

2009-2011: Institute for Education Science Pre-Doctoral Fellowship (United States Department of Education), ~\$156,000 USD

## **HONORS, AWARDS, & FELLOWSHIPS**

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Dean’s Award for Research Excellence, 2019

Member, Human Capital and Economic Opportunity (Markets Group) at the Becker Friedman Institute for Research in Economics at the University of Chicago, Chicago, Illinois, 2016-

CESifo Research Network Affiliate, 2014-

CESifo Young Affiliate Award Candidate, 2014

Weatherall Scholar, Queen's University, 2014

William P. Carey Prize for Best Economics Dissertation in 2011 at University of Pennsylvania Economics Department, 2012

Institute of Education Sciences Pre-Doctoral Fellow, 2009-11

University of Pennsylvania Economics Department Fellowship, 2005-11 (declined 2009-11)

Edwin Mansfield Teaching Prize for Best Performance by a Recitation Instructor in Introductory Economics, 2008

Phi Beta Kappa, University of South Carolina, 2001

## PROFESSIONAL ACTIVITIES

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- Associate Editor for *Quantitative Economics*
- Reviewer for *Journal of Political Economy*, *American Economic Review*, *Quantitative Economics*, *Journal of the European Economic Association*, *Review of Economic Studies*, *Review of Economic Statistics*, *Journal of Business and Economic Statistics*, *Journal of Public Economics*, *Journal of Health Economics*, *Journal of Labor Economics*, *Journal of Human Resources*, *International Economic Review*, *Journal of Applied Econometrics*, *Canadian Journal of Economics*, *Economic Inquiry*, *Economics of Education Review*, *Labour Economics*, *Journal of Human Capital*, and *Education Finance and Policy*.
- Reviewer for SSHRC Insight Grant program
- Discussant for International Industrial Organization Conference, March 2012, Canadian Economic Association Conference, May 2013; CESifo Area Conference on Economics of Education, September 2014; Association of Education Finance and Policy Conference, February 2015; CESifo Area Conference on Economics of Education, September 2015; Association of Education Finance and Policy Conference, March 2016, CESifo Area Conference on Economics of Education, September 2016; CESifo Area Conference on Economics of Education, September 2017; CESifo Area Conference on Economics of Education, September 2018
- Departmental service:
  - Graduate Program Director (2022-23)
  - Econometrics Subject Area Coordinator, 2014-19
  - Graduate Affairs Committee, 2015-16
  - Applied Economics/ Econometrics Workshop organizer, 2013-14
  - Economics Appointments Committee, 2011-13
  - Ph.D. Student Advising (initial placements in parentheses):
    - \* Advisor:
      - Current:  
Tian Liu (primary advisor)
      - Completed:  
Martin Luccioni (primary advisor; Post-doc at Olin Business School, Washington University St. Louis)  
Tomasz Handler (co-advisor; StatsCan);  
George Orlov (co-advisor; Post-doc at Department of Economics, Cornell University);  
Jin Zhou (co-advisor; Post-doc at Center for the Economics of Human Development, University of Chicago);

- \* Committee member:
  - Current:
    - Tyler Skura
  - Completed:
    - Robert Millard (SUNY Stonybrook)
    - Marco Pariguana (Post-doc at Tulane)
    - Yifan Gong (University of Nebraska, Lincoln)
    - Qian Liu (Brock)
    - Hyeongsuk Jin (StatsCan)
- Ph.D. Thesis Examiner:
  - \* Nick Bedard, Masashi Miyairi, Sarah Xue Dong, Maria Antonella Mancino
- Master’s Thesis Examiner:
  - \* Ciara Pendrith, Yue Niu, Nickan Motamedi