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Employment

Assistant Professor, University of Toronto, 2022–

Academic Affiliations

Editorial Fellow (Methods), JAMA Health Forum, 2026–

Research Affiliate, Forward Society Lab, 2025–

Adjunct Scientist, Women's College Hospital, 2024–

Co-Director, Canadian Centre for Health Economics, 2023–

Education

Ph.D. Economics, Boston University, Boston, MA, 2022

B.A., Economics & B.S., Mathematics, Brigham Young University, Provo, UT, 2017

Economics Publications

* indicates first-authored articles; student trainees are underlined.

Journal Articles

* "[Prescribing Power and Equitable Access to Care: Evidence from Pharmacists in Ontario, Canada](#)" (with Guan Wang). **Journal of Health Economics**, 2025.

* "[An Ounce of Prevention or a Pound of Cure? The Value of Health Risk Information.](#)" **Review of Economics and Statistics**, 2025.

* "[Medical Bill Shock and Imperfect Moral Hazard](#)" (with David Anderson & Ed Zhu). **Journal of Public Economics**, 2024.

"[What Would it Take for the United States to Adopt Universal Managed Competition to Improve the Equity and Efficiency of its Health Care System?](#)" (with Randall Ellis & Angie Acquatella). **Health Economics, Policy, and Law**, 2024.

* "[It's No Accident: Evaluating the Effectiveness of Vehicle Safety Inspections](#)" (with Trevor Woolley). **Contemporary Economic Policy**, 2018.

Working Papers

* [“Innovations and Inequities in Access to Medical Services,”](#) *Under Review*.

“The Protective Effects of a Healthy Spouse: Medicare as the Family Member of Last Resort” (joint with Itzik Fadlon, Tal Gross, & Timothy Layton)

Works in Progress

* “Impact of False Positive Tests on Medical Trust and Preventive Care Utilization: Evidence from Newborn Screenings” (joint with Emily Lawler & Tamar Oostrom)

“Endogenous Screening and Health Behaviors” (with Michael Darden)

* “Child Maltreatment Investigations and Household Well-being” (with Boriana Miloucheva and Maripier Isabelle)

Public Health & Medical Publications

Journal Articles

* indicates first-authored articles; † indicates senior-authored articles; student trainees are underlined.

† “Ancillary Services to Screening Mammography and Colonoscopy Burdened by Patient Cost-Sharing.” (with Michal Horný, Natasha Bollegala, Nina Capiro, Jeff Mosko & Craig Wilsen). **Journal of General Internal Medicine**, In Press.

† “The Impact of Chronic Conditions on Out-of-Pocket Costs for Preventive Care among US Patients.” (with Allan Tran, Audrey Laporte, and Eric Nauenberg). **JAMA Network Open**, In Press.

“What kinds of pharmacies provide non-dispensing health services? Evidence from Ontario” (with Paul Grootendorst, Olexiy Pukhov, and Zubin Austin). **Canadian Pharmacists Journal**, In Press.

“The economics of community pharmacy in Canada. Part 1: Overview and empirical analysis of community pharmacy strategies in Ontario.” (with Paul Grootendorst & Olexiy Pukhov). **Canadian Pharmacists Journal**, In Press.

“The economics of community pharmacy in Canada. Part 2: A synthesis of the evidence on competitive strategies.” (with Paul Grootendorst & Olexiy Pukhov). **Canadian Pharmacists Journal**, In Press.

† [“Claim Denials: Low-Income Patients From Disadvantaged Racial And Ethnic Groups Experienced The Largest Burdens”](#) (with Olivia Yu & Michal Horný). **Health Affairs**, 2025.

[“Lung Cancer Screening and USPSTF Recommendations”](#) (with Michael Darden). **JAMA Network Open**, 2025.

* [“Social Determinants of Health and Insurance Claim Denials for Preventive Care”](#) (with Olivia Yu & Michal Horný). **JAMA Network Open**, 2024.

* [“Inequities in Unexpected Cost-Sharing for Preventive Care in the United States”](#) (with Olivia Yu & Michal Horný). **American Journal of Preventive Medicine**, 2024.

[“A Novel Machine Learning Algorithm for Creating Risk-Adjusted Payment Formulas”](#) (with Randall Ellis, Jeffrey Siracuse, Allan Walkey, Karen Lasser, Brian Jacobson, Corinne Andriola, Ying Liu, Chenlu Song, Tzu-Chun Kuo & Arlene Ash). **JAMA Health Forum**, 2024.

* “Challenges in Promoting Health Equity and Reducing Disparities in Access Across New and Established Technologies” (with Sarah Kipping). **Canadian Journal of Cardiology**, 2024.

* “Importance of Direct Exposure in Continuing Medical Education: Primary Care Physician Learning through Patients with Transcatheter Aortic Valve Implantation” (with Jasmin Kantarevic, James Stutely, & Harindra C. Wijesundera). **Canadian Journal of Cardiology**, 2024.

“Examining the Role of Child Welfare Worker Characteristics and the Substantiation Decision” (with Kristen Lwin, Kofi Antwi-Boasiako, Peter Mackenzie, & Barbara Fallon). **Child Abuse & Neglect**, 2024.

“Development and Assessment of A New Framework for Disease Surveillance, Prediction, and Risk Adjustment: The Diagnostic Items Classification System” (with Randall Ellis, Jeffrey Siracuse, Allan Walkey, Karen Lasser, Brian Jacobson, Corinne Andriola, Ying Liu, Chenlu Song, Tzu-Chun Kuo & Arlene Ash). **JAMA Health Forum**, 2022.

“Comparison of Postpartum Health Care Use and Spending Among Individuals with Medicaid-Paid Births Enrolled in Continuous Medicaid vs Commercial Insurance” (with Sarah Gordon, Jamie Daw, & Lindsay Admon). **JAMA Network Open**, 2022.

“The Effect of Medicaid Eligibility as a Low-Income Adult on Continuity of Insurance Enrollment in the Postpartum Year” (with Sarah Gordon, Jamie Daw, & Lindsay Admon). **Health Affairs**, 2022.

“Trends in Out-of-pocket Costs for Well-child Care after the Affordable Care Act,” (with Paul Shafer & Heather Hsu). **JAMA Network Open**, 2021.

* “Out-of-pocket Costs for Preventive Care Persist Almost a Decade after the ACA” (with Paul Shafer). **Preventive Medicine**, 2021.

* “Adolescent Interactions with Family and Emotions during Interactions: Variation by Family Structure” (with Jocelyn Wikle). **Journal of Family Psychology**, 2019.

“Adolescent Caretaking of Younger Siblings” (with Jocelyn Wikle & Alex Jensen). **Social Science Research**, 2017.

Funding History

SickKids Hospital for Sick Children & Edwin S.H. Leong Centre for Healthy Children. “Evaluating the Impact of Child Maltreatment Investigations on Household Well-Being,” 2025–2026. \$80,000 CAD. Principal Investigator.

Arnold Ventures. “The Impact of Hospital Price Transparency Regulation on the Dynamics of Hospital Pricing,” 2025–2026. \$299,512 USD. Co-Principal Investigator (PI: Horný).

Network for Improving Health Systems, New Initiative and Innovation Award. “Economic aspects of pharmacist health care service provision: Evidence from Ontario,” 2024–2025. \$73,100 CAD. Co-Investigator (PI: Grootendorst).

The Commonwealth Fund. “Advocating for Prevention: The Health Equity Implications of Billing Errors in Preventive Medicine (#22-23147),” 2023–2024. \$166,666 USD. Principal Investigator.

National Institute on Aging. “The Burden of Alzheimer’s Disease: Spousal Spillovers among Elderly Couples in the United States (NIA P30 Project Grant #P30AG012810, via NBER),” 2023–2024. \$61,607 USD. Co-Investigator (PI: Layton).

Ontario Ministry of Health. “Partnerships for Evaluation and Policy Research (PEPR),” 2023–present \$924,900 CAD. Co-Investigator (PI: Laporte).

Institute for Pandemics. “Housing Policy and Mental Health During the COVID-19 Pandemic: A Pilot Project and Stakeholder Engagement to Build Pandemic Resilience,” 2023–2024. \$25,000 CAD. Principal Investigator.

Honors & Awards

Eugenie Stuart Health Systems Research Teaching Award, May 2025.

Best Abstract (for “Medical Bill Shock and Imperfect Moral Hazard”) in “Consumer Decision Making in Health Care,” ASHEcon, June 2023.

Student Summer Research Award, Boston University Institute for Health System Innovation and Policy, Summer 2020.

1st Place, Mary Lou Fulton Conference, Provo, UT, Spring 2017.

Referee Service

AEJ: Economic Policy, Journal of Public Economics, The Economic Journal, Journal of the European Economic Association, Journal of Health Economics, American Journal of Health Economics, Health Affairs, Health Affairs: Scholar, BMC Public Health, BMC Health Services Research, Cochrane Library, Canadian Journal of Economics, Health Policy, Journal of Immigrant and Minority Health, Journal of Agricultural and Resource Economics, Economic Modeling, International Journal of Business and Finance Management Research

Other Service

Co-organizer, Electronic Health Economics Colloquium, 2024–

Conferences & Invited Presentations

2025: Simon Fraser University, Georgia State University, NBER Economics of Aging Program Meeting, NBER Health Economics Program Meeting, Brigham Young University

2024: APPAM, Ohio State University, NBER Summer Institute, Canadian Health Economics Study Group Cornell University

2023: NBER Health Economics Program Meeting, AcademyHealth, ASHEcon, ASSA

2022: APPAM, Washington University Brown School of Public Policy, Ohio State University, Federal Trade Commission, Congressional Budget Office

2021: Brigham Young University, Annual Health Econometrics Workshop, ASHEcon, iHEA

2020: ASHEcon, BU/Harvard/MIT Health Economics Seminar

2018: Time Use Across the Life Course Conference

Teaching

University of Toronto, IHPME

[Quantitative Methods I/Applied Health Econometrics I](#), PhD & Msc students (HAD5744H). Fall 2022, Fall 2024.

[Advanced Health Economics & Policy Analysis II](#), PhD students (HAD6750H; health economic theoretical course). Winter 2023, Winter 2024, Winter 2025.

[Intermediate Statistics for Health Researchers](#), PhD & Msc students (HAD5772H). Winter 2024, Winter 2025.

Health Economics Graduate Seminar, PhD & Msc students (HAD5775H). Fall 2024.

Other Teaching

Statistics for Economists, Department of Economics, Boston University. Fall 2019.

Personal

United States Citizen; Canadian Permanent Resident.