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- Appointments** *McMaster University* 2021 -  
 Assistant Professor, Department of Economics  
 Supervisory Faculty, Health Policy
- Princeton University* 2020 - 2021  
 Postdoctoral Scholar, School of Public and International Affairs
- Education** *Stanford University* 2014 - 2020  
 Ph.D. in Economics  
 Committee: Liran Einav, Matthew Gentzkow, and David Chan
- University of British Columbia* 2010 - 2014  
 B.Sc. in Statistics and Economics (with honours)
- Affiliations** Wilson Sheehan Lab for Economic Opportunities (LEO), Faculty Affiliate 2022 -  
 McMaster Institute for Research on Aging (MIRA), McMaster 2021 -  
 Center for Health Economics and Policy Analysis (CHEPA), McMaster, 2020 -  
 ICES Fellow, Mental Health and Addictions 2020 -  
 US Veterans Affairs Office of Mental Health and Suicide Prevention, Evaluator 2018 -
- Publications**  
*(Economics)* Socioeconomic Status and Access to Mental Health Care: The Case of Psychiatric Medications for Children in Ontario Canada (with Janet Currie and Paul Kurdyak), *Journal of Health Economics*, Accepted, 2023.
- Doing More with Less: Predicting Primary Care Provider Effectiveness (with Janet Currie), *Review of Economics and Statistics*, 2023.
- Primary Care Providers' Influence on Opioid Use and Its Adverse Consequences (with Sarah Eichmeyer), *Journal of Public Economics*, 213, 2023.
- Pathways Into Opioid Dependence: Evidence from Practice Variation in Emergency Departments (with Sarah Eichmeyer), *American Economic Journal: Applied Economics*, 14(4), 2022.
- Hospital Avoidance and Unintended Deaths During the COVID-19 Pandemic, *American Journal of Health Economics*, 7(4), 2021.
- Consolidation of Primary Care Physicians and Its Impact on Healthcare Utilization (with Yiwei Chen, Liran Einav, Jonathan Levin, and Jay Bhattacharya), *Health Economics*, 30(6), 2021.
- What to Expect When You're Expecting: Are Health Care Consumers Forward-Looking? (with Audrey Guo), *Journal of Health Economics*, 67, 2019.
- (Health Policy)* Trends in Drug Overdose Mortality in Ohio During First 7 Months of COVID-19 Pandemic (with Janet Currie, Molly Schnell, and Hannes Schwandt), *JAMA Network Open*, 4(4), 2021.
- Prescribing of Opioid Analgesics and Buprenorphine for Opioid Use Disorder During the COVID-19 Pandemic (with Janet Currie, Molly Schnell, and Hannes Schwandt), *JAMA Network Open*, 4(4), 2021.

Mental Health Treatment and the Role of Tele-Mental Health at the Veterans Health Administration During the COVID-19 Pandemic (with Matthew Boden and Jodie Trafton), *Psychological Services*, 2021.

Working  
Papers

Lives vs. Livelihoods: The Impact of the Great Recession on Health and Welfare (with Amy Finkelstein, Matt Notowidigdo, and Frank Schilbach), July 2023

Invisible Wounds: Health and Well-Being Impacts of Mental Disorder Disability Compensation on Veterans Disability Applications (with David Silver), September 2023, NBER WP No.29877.

Can Educational Outreach Improve Expert Decision Making? Evidence from a National Opioid Academic Detailing Program, August 2023.

Sliding into Safety Net Participation: A Unified Analysis Across Multiple Programs (with Derek Wu), October 2023.

Intergenerational Mobility of Refugee Immigrants: An Analysis of Linked Landing Files and Tax Records (with Wifag Adnan and Angela Zheng), September 2023.

Emergency Department Visits as a Near-Term Predictor of Suicide and Fatal Overdose (with Mathew V. Kiang, Keith Humphreys, and Holly Elser), January 2023.

Research  
In Progress

Impact of Healthcare Providers on Non-Health Outcomes (with David Chan)

Returns to Primary Care (with Yiqun Chen)

Impact of Suicide Prevention Hotlines (with David Chan)

Substance Use and Newborn and Child Outcomes (with Gaëlle Simard-Duplain & Angela Zheng)

Mental Health Treatment and Economic Outcomes (with Sarah Eichmeyer)

Racial Disparities in Disability Insurance Receipt (with David Silver & Derek Wu)

Grants,  
Funding  
& Contracts

Concussion Foundation, Economic Burden of Concussions to Military Personnel (\$29,025 CAD, co-PI with M. Grignon) 2023-2024

SSHRC Conference Attendance & Representational Activities Grant (\$4,000 CAD) 2023

SSHRC Insight Development Grant (\$36,881 CAD, sole PI) 2022-2024

SSHRC Explore – Standard Research and Creation Grant (\$6,997 CAD, sole PI) 2021-2024

VA Health Economics Federal Contracts 2020-2023

VA Opioid Safety Initiative Comprehensive Addiction and Recovery Act (\$160,000 with S. Eichmeyer) 2018-2019

Honors  
& Awards

McMaster Faculty of Social Science Early Career Researcher Award 2023

Leonard W. Ely and Shirley R. Ely Graduate Student Fellowship 2019-2020

VHA Health Services Research Conference: Best Presentation 2019

Stanford Centennial Teaching Assistant Award 2019

Stanford Outstanding Teaching Assistant Award (2x) 2017, 2018

Stanford Department of Economics Fellowship 2014-2016

Stanley W. Nash Medal, UBC 2014

Teaching

**McMaster University**

Instructor, Graduate Health Economics (Econ 788) 2021, 2022, 2023

Co-instructor, Topics in Graduate Health Econ (Econ 791) 2022, 2023, 2024

Instructor, Undergraduate Health Economics (Econ 3Z03) 2021, 2022, 2023

**Stanford University**

TA, Econometrics I, Econ 102A, S. McKeon (3x) 2017-2019

TA, Econometrics II, Econ 102B, S. McKeon 2018

TA, Health Economics, Econ 126, J. Bhattacharya (2x) 2018, 2020

### University of British Columbia

TA, Applied Linear Algebra, Math 317 2012-2013

TA, Differential Calculus, Math 180/184 2012-2013

### Prior Experience

Graduate Researcher, Veteran Health Administration (WOC) 2018-2020

Economics Research PhD Intern, Core Data Science, Facebook 2018

Research Assistant for Gavin Wright, Stanford University 2016-2017

Research Assistant for Dave Donaldson, Stanford University 2015-2016

Research Assistant for David A. Green, University of British Columbia 2013

NSERC USRA, UBC (Supervisor: Nancy E. Heckman) 2013

NSERC USRA, UBC (Supervisor: Alexandre Bouchard-Côté) 2012

### Seminars & Conferences

(Including scheduled; C: Coauthor *conference/workshop* presentation)

**2024:** BU-Harvard-MIT Health Economics Seminar (Harvard Kennedy), Singapore Management University, RAND Corporation (Pittsburgh), University of Colorado Denver, University of Pennsylvania: Perelman School of Medicine

**2023:** Aarhus University, American Society of Health Economists Annual Meetings (St. Louis, MO), Atlanta Workshop on Public Policy and Child Well-being (PPCW), Canadian Research Data Centre Network (CRDCN) Conference, International Health Economics Congress (Cape Town, RSA), IRDES Workshop on Applied Health Economics and Policy Evaluation (Paris, FR), Lund University, NBER Summer Institute (C, Economics of Health), Queen's-Toronto Labor Workshop on the Economics of Inequality and Discrimination (C), Soldiers Workshop-VIVE Copenhagen, Université Laval, University of Chicago Health Economics Workshop, University of Copenhagen CEBI, University of South Carolina, VA HERC Health Economics Cyberseminar (Virtual), Workshop on Economics and Brain Health (Québec City)

*Discussant:* ASHEcon (4x), IRDES AHEPE

*Session chair:* ASHEcon (2x)

**2022:** American Society of Health Economists Annual Meetings (Austin, TX), Brock University, Canadian Economics Association Annual Meetings (Ottawa, ON), Canadian Health Economics Study Group (Ottawa, ON), Electronic Health Economics Colloquium (Virtual), European Economic Association (Milan, IT), Indiana University Bloomington O'Neill SPEA, NBER Summer Institute (Public Economics), University of Toronto, University of Waterloo, Workshop on the Economics of Risky Behavior (Honolulu, HI)

*Discussant:* ASHEcon (2x), CEA, Workshop on the Economics of Risky Behavior

*Session chair:* ASHEcon

**2021:** American Society of Health Economists Annual Meetings (Virtual), Carleton University, National Tax Association Annual Meetings (Virtual), NBER COVID-19 and Health Outcomes Conference (Spring 2021), NBER Summer Institute (Aging), Simon Fraser University (Virtual), Singapore Management University (Virtual), Society of Labor Economists Annual Meetings (C, Virtual), Southern Economics Association Annual Meetings (Houston, TX)

*Discussant:* ASHEcon, NTA

**2020:** International Online Public Finance Seminar Series (C, Virtual), McMaster University, McMaster CHEPA, NBER COVID-19 and Health Outcomes Conference (Fall 2020), Princeton University: Center for Health and Wellbeing, Ryerson University, University of Alberta, University of Pennsylvania: Wharton, VA HERC Health Economics Cyberseminar (Virtual)

**2019 and earlier:** San Jose State University, Stanford University, VA Palo Alto Health Services Research Conference

### Media Mentions & Impact

**2023:** *Medscape, National Academies of Sciences, Engineering, and Medicine* (50:17, 56:09, 58:03)

**2022:** *Health Affairs (Podcast)*

**2021:** *New York Times, Washington Post, Philadelphia Inquirer, Pew Charitable Trust, Connecticut Public Radio, US News, Princeton News, Becker's Hospital Review, CDC, Kaiser Family Foundation*

Reviewing Experience	<p><b>Economics &amp; Related:</b> American Economic Journal: Applied Economics, American Economic Journal: Economic Policy, American Economic Review, American Economic Review: Insights, American Journal of Health Economics, Canadian Public Policy, Demography, Health Economics, Journal of European Economic Association, Journal of Health Economics, Journal of Human Resources, Journal of Policy Analysis and Management, Journal of Political Economy: Microeconomics, Journal of Public Economics, Management Science, Review of Economics and Statistics</p> <p><b>Medicine &amp; General Science:</b> Addiction, Addiction Science &amp; Clinical Practice, American Journal of Preventive Medicine, BMC Health Services Research, BMJ, Canadian Journal of Psychiatry, Health Services Insights, Health Services Research, Frontiers in Psychiatry, JAMA Network Open, Journal of Head Trauma Rehabilitation, Milbank Quarterly, Science Advances</p> <p><b>Grant Organizations:</b> National Science Foundation, Patient-Centered Outcomes Research Institute (PCORI), Research Grants Council of Hong Kong, Russell Sage Foundation</p>
Undergraduate Publications	<p>Genetic variation, simplicity and evolutionary constraints for function-valued traits (with Joel G. Kingsolver, Nancy Heckman, Patrick A. Carter, Jennifer L. Knies, John R. Stinchcombe, and Karin Meyer), <i>The American Naturalist</i>, 15(6), 2015.</p> <p>Prinsimp (with Nancy Heckman, Davor Cubranic, Joel G. Kingsolver, Travis Gaydos, and J.S. Marron), <i>The R Journal</i>, 6(2), 2014.</p>
Statistical Software	<p>Prinsimp: Finding and plotting nearly-null space basis (with Davor Cubranic, Nancy Heckman, Travis Gaydos, and J.S. Marron), <i>The Comprehensive R Archive Network</i>, 2013.</p>
Student Advising	<p><b>PhD:</b> Rabiul Islam (PhD 2023), Akwugo Balogun (PhD 2024), Zichun Zhao (PhD 2024), Li-Hsin Lin (PhD 2026)</p> <p><b>MA</b> (2 semester course paper): Jaimin Jethva (MAEP 2022), Candace Milinkovic (MAEP 2022), Hayley Touchburn (MAEP 2023)</p> <p><b>BA</b> (undergrad thesis): Marius Ygonia (BSc 2023)</p> <p><b>Pre-Docs:</b> Sam Bock and Kemin Wang (joints hires with David Chan)</p>
Service	<p>American Society of Health Economists Annual Meetings 2023, Program Committee (Chair for <i>Consumer Decision Making in Health Care</i>)</p> <p>McMaster Recruitment Search Committee, 2022-2023</p>
Professional Membership	<p>American Economic Association, American Society of Health Economists, Canadian Economics Association</p> <p>Data Clearance: Statistics Canada RDC, PopData BC</p>