

Alireza Baghbanferdows

Toronto Metropolitan University

Department of Economics
350 Victoria Street
Toronto, ON M5B 2K3,
Canada

Personal Data

Cell: (416) 857- 6763
E-mail: abaghbanferdow@torontomu.ca
Website:
LinkedIn: <http://www.linkedin.com/in/abaghbanferdows/>

- Authorized to work in Canada (valid Study and Open Work Permits)

Major Fields of Concentration

✓ Macroeconomics ✓ Health Economics ✓ Public Economics

Education & Professional Development

Ph.D. in Economics | Toronto Metropolitan University, Toronto, Canada (expected) **2026**

MBA in Finance | Tehran University, Tehran, Iran **2010**

B.Sc. in Mechanical Engineering | Iran University of Science and Technology, Tehran, Iran **2007**

References

Professor Keyvan Eslami

Associate Professor
Department of Economics
Toronto Metropolitan University
k.eslami@torontomu.ca

Professor Kevin Fawcett

Assistant Professor
Department of Economics
Toronto Metropolitan University
fawcettk@torontomu.ca

Professor Claustre Bajona

Associate Professor
Department of Economics
Toronto Metropolitan University
cbajona@torontomu.ca

Dissertation: “*A Multidimensional Measure of Health Shocks and Their Relationship with Socioeconomic Background in Canada*”

Supervisor: Dr. Keyvan Eslami

Committee: Dr. Kevin Fawcett, Dr. Claustre Bajona

Expected Completion: Summer 2026

Awards & Grants

- Department of Economics Graduate Funding - Toronto Metropolitan University 2025–2026
- Toronto Met Graduate Scholarship (TMGS) - Toronto Metropolitan University 2024–2025
Competitive merit-based scholarship valued at \$15,000, awarded for academic excellence.
- Emerging Scholars Grant - Canadian Research Data Centre Network (CRDCN) 2024
- Minimum Annual Funding Commitment - Toronto Metropolitan University 2020–2024
Received minimum annual funding of approximately \$28,000 through a combination of Graduate Development Award (RGDA), Teaching Assistantship, and Research Assistantship.
- Ryerson Graduate Development Award (RGDA) 2020–2021
Awarded \$12,000 based on academic excellence upon entry into the PhD program.
- Received reduced International Tuition under the Ontario Tuition Waiver Initiative 2020–2024

Teaching Experience	
<ul style="list-style-type: none"> Course Instructor Toronto Metropolitan University Intermediate Macroeconomics II (CECN600) 	2025 - Present
<ul style="list-style-type: none"> Part-Time Lecturer Algoma University Current Topics in Administration, Precalculus, Calculus, Discrete Mathematics 	2024 - Present
<ul style="list-style-type: none"> Teaching Assistant Toronto Metropolitan University Courses: Intermediate Macroeconomics II, Intermediate Microeconomics I, Economic Development, Basic Math for Economics, Statistics for Economics I, Statistics for Economics II, Principles of Macroeconomics I, Principles of Microeconomics II, Economics of Immigration, Econometrics II, Advanced Macroeconomics. 	2021 - Present
Research Experience	
Research Assistant Toronto Metropolitan University	2022 - Present
<ul style="list-style-type: none"> Supervisor: Keyvan Eslami (Associate Professor of Economics at Toronto Metropolitan University) Research on health shocks and intertemporal income dynamics using linked administrative data. 	
Research Assistant Toronto Metropolitan University	2023 - 2024
<ul style="list-style-type: none"> Supervisor: Nicolas Li (Associate Professor of Economics at Toronto Metropolitan University) Effect of government transfers on health with a focus on northern territories in Canada 	
Research Assistant Toronto Metropolitan University	2022 - 2022
<ul style="list-style-type: none"> Supervisor: Nicolas Li (Associate Professor of Economics at Toronto Metropolitan University) Gathering food retail data using Web-scraping with Python 	
Papers & Research Projects	
Job Market Paper	
<ul style="list-style-type: none"> <i>Is the Canadian Health Care System Truly Equal? Health Types, Health Shocks, and the Crowding-Out Effect of Universal Health Insurance. (with Keyvan Eslami)</i> 	
Working Papers	
<ul style="list-style-type: none"> <i>Measuring Health Shocks in Canada: New Evidence from Linked Administrative Data on Socioeconomic Inequalities and Future Income. (with Keyvan Eslami and Hyunju Lee). Presented at the Canadian Research Data Centre Network (CRDCN) Conference, Ottawa — May 2025 (presented by candidate).</i> 	
Coauthored Paper	
<ul style="list-style-type: none"> <i>Geographic Disparities in Stroke Mortality: Examining Rural–Urban Trends and the Impact of the Stroke Belt. (with Mengyuan Cheng, Nasim Ferdows, and Amit Kumar).</i> 	
Other Projects & Theses	
<ul style="list-style-type: none"> Master’s Thesis: “Real Estate Pricing Using a Hedonic Model.” University of Tehran; Supervisor: Prof. M. Nazari. Bachelor’s Thesis: “Optimization of CMM Probe Movements.” Iran University of Science & Technology; Supervisors: Prof. A. Montazeri and Prof. M. Akbari. “Factor Analysis of the Iranian Stock Market.” — under Prof. Tehrani. <i>Productivity Analysis of Iranian Manufacturing Industries Using Data Envelopment Analysis. Co-authored with Prof. Ghazaei, Yazd University. (Published)</i> 	
Computer Skills	

Stata, R, Python, SAS, SPSS, MATLAB, LaTeX, Microsoft Office

Abstracts

Job Market Paper

Is the Canadian Health Care System Truly Equal? Health Types, Health Shocks, and the Crowding-Out Effect of Universal Health Insurance

Universal health insurance is intended to provide equal access to care, yet substantial health and income inequalities persist. This paper combines a structural model with new empirical evidence from linked Canadian administrative data that incorporates objective measures of major health shocks. The analysis shows that the distribution of health shocks varies sharply by socioeconomic background, consistent with the presence of long-term differences in accumulated health capital. Building on the health-capital framework of Grossman (1972) and recent macroeconomic extensions, we model two types of health spending, preventive and curative, and examine how universal insurance changes incentives for each. The model demonstrates that by subsidizing medical care after a shock, insurance can reduce incentives for preventive investment, particularly among lower-income households that face tighter liquidity constraints and lower expected returns on health investment. Using Canadian data, we find that this crowding-out effect is strongest for chronic conditions that cause permanent reductions in health, while higher-income groups respond with modest increases in preventive investment. The results suggest that universal insurance equalizes prices at the point of care but not the long-term evolution of health capital. Policies that support early-life and preventive investment are therefore essential to narrow the persistent differences in health types that drive inequality over time.

Working Paper

Measuring Health Shocks in Canada: New Evidence from Linked Administrative Data on Socioeconomic Inequalities and Future Income

Understanding how socioeconomic status and health interact throughout life is essential for improving health equity and guiding effective policy. This study develops an objective and multidimensional measure of health shocks based on the Charlson Comorbidity Index, allowing for precise identification of severe health events and their cumulative impact. By linking the Discharge Abstract Database, which contains detailed hospitalization records, with the Longitudinal Administrative Databank, a rich source of socioeconomic information, we connect individual health histories with long-run income trajectories. The results show that health shocks substantially reduce future income, even after controlling for prior income, family characteristics, age, and sex, indicating that serious illness imposes lasting economic costs. The effects differ across groups: lower-income and older individuals experience sharper income declines after a shock, while higher-income groups show greater resilience. These findings highlight how socioeconomic status influences both exposure to and recovery from adverse health events. By combining objective health and income data over two decades, this paper provides new evidence on the mechanisms through which health shocks reinforce inequality and shape intergenerational economic outcomes.