

# Peter MacKenzie

Economics PhD Candidate

Toronto, ON, Canada

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## PERSONAL INFORMATION

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**Date of Birth:** October 31st, 1997

**Sex:** Male

**Citizenship:** Canadian

## EDUCATION

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**York University**, Toronto, ON, Canada

Sep 2020 – Expected May 2025

Ph.D. in Economics

Specialization: Econometrics

Advisor: Prof. Joann Jasiak

**Saint Mary's University**, Halifax, NS, Canada

Sep 2019 – Aug 2020

Master of Applied Economics

Honors: Dean's List, Master's Scholarship Recipient

**St. Francis Xavier University**, Antigonish, NS, Canada

Sep 2015 – May 2019

Bachelor of Arts in Economics (Minor in Mathematics)

## JOB MARKET PAPER

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### “Digital Divide: Empirical Study of CIUS 2020”

This paper examines the socio-economic and demographic factors influencing the digital divide in Canada. Using data from the 2020 Canadian Internet Use Survey and a combination of econometric and machine learning methods, I identify key determinants of digital engagement.

## PROFESSIONAL EXPERIENCE

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**Bank of Canada**, Ottawa, ON, Canada

Oct 2024 – Present

*Economics PhD Intern*

- Analyzed the Canadian Financial Monitoring Survey.
- Developed survey weights and performed econometric analysis using R.
- Collaborated with senior economists and presented findings.

**University of Toronto**, Toronto, ON, Canada

Jul 2022 – Mar 2023

*Data Analyst*

- Analyzed datasets for Social Work and Health Economics projects.
- Presented results to community organizations such as Dnaagdawenmag Binnoojiiyag Child & Family Services.
- Co-authored publication in number one rated social work journal.

**York University**, Toronto, ON, Canada

Jan 2022 – Present

*Research Assistant*

- Conducted research on central bank digital currencies.
- Applied econometric techniques to analyze digital technology impacts.
- Co-authored paper under second round revision for the *Canadian Journal of Economics*.

**Statistics Canada**, Ottawa, ON, Canada

Jan 2022 – Present

*Deemed Employee*

- Hold Reliability Status security clearance.
- Access to confidential datasets at Statistics Canada research data centres.

**York University**, Toronto, ON, Canada

Jan 2021 – Present

*Teaching Assistant*

- Assisted in courses: Financial Econometrics, Public Economics, Econometrics, and Mathematical Economics.

## PUBLICATIONS

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### Published and Submitted

- Jasiak, J., MacKenzie, P., & Tuvaandorj, P. (2023). “Digital Divide: Empirical Study of CIUS 2020.” *Canadian Journal of Economics*. (Second Revise and Resubmit)
- Lwin, K., Hoagland, A., Antwi-Boasiako, K., MacKenzie, P., & Fallon, B. (2022). “Examining the Role of Child Welfare Worker Characteristics in Their Substantiation Decision.” Published in *Child Abuse and Neglect*.

- Mishra, S., Duvvury, N., Fallon, B., MacKenzie, P., & Essue, B. M. (2023). “The Cost of Gender-Based Violence and Childhood Victimization in Canada.” Submitted to *The Lancet Public Health*.
- MacKenzie, P., Jasiak, J., & Tuvaandorj, P. (2023). “Business Efficiency and Cybersecurity: An Analysis of Canadian Businesses.” Working Paper.

## CONFERENCE PRESENTATIONS

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<b>Canadian Econometrics Study Group Conference – Poster Presentation</b> , Toronto, ON, Canada	2024
<i>“Business Efficiency and Cybersecurity: An Analysis of Canadian Businesses”</i>	
<b>Canadian Economics Conference – Econometrics Session</b> , Toronto, ON, Canada	2024
<i>“Business Efficiency and Cybersecurity: An Analysis of Canadian Businesses”</i>	
<b>Bank of Canada Seminar Presentation</b> , Ottawa, ON, Canada	May 2023
<i>“Digital Divide: Empirical Study of CIUS 2020”</i>	
<b>Canadian Econometrics Study Group Conference – Poster Presentation</b> , Hamilton, ON, Canada	2023
<i>“Digital Divide: Empirical Study of CIUS 2020”</i>	
<b>Canadian Economics Conference – Bank of Canada Session</b> , Winnipeg, MB, Canada	2023
<i>“Digital Divide: Empirical Study of CIUS 2020”</i>	
<b>Atlantic Economics Conference</b> , Halifax, NS, Canada	2022
<i>“Digital Divide: Empirical Study of CIUS 2020”</i>	
Recipient of Best Student Presentation Award	
<b>Center for Quantitative Risk Analysis (CEQURA) Conference</b> , Online	2022
<i>“Digital Divide: Empirical Study of CIUS 2020”</i>	

## AWARDS AND HONORS

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<b>Mitacs Accelerate Grant Recipient</b>	2024
<b>Best Student Presentation Award</b>	Atlantic Economics Conference, 2022
<b>York PhD Fellowship Recipient</b>	2020
<b>Master’s Scholarship Recipient</b>	2019

## SKILLS

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- **Programming:** R, Python, Stata, MATLAB, SAS, SQL
  - **Econometric Techniques:** Survey Data, Panel Data, Instrumental Variables, Time Series
  - **Other:** Excel, microsoft office suite, L<sup>A</sup>T<sub>E</sub>X