

# William Arbour

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*PhD Student*

## Education

(current) **PhD in Economics**, *University of Toronto*, Toronto.

2018 **MA in Economics**, *Université Laval*, Quebec.

Thesis : *Impact of Economic Conditions and Marriage Market on Inmates' Recidivism* [\[link\]](#)

Advisors : Prof. Guy Lacroix & Prof. Vincent Boucher

Fields : Applied Econometrics, Crime Economics, Marriage Market

Distinction : Graduate Studies' Honour List

2017 **BA in Economics and Mathematics**, *Université Laval*, Quebec.

Thesis : *Stock Volatility Prediction with k-state Hidden Markov Chains*

Advisor : Prof. Arnaud Dufays

Fields : Financial Econometrics, Statistics

## Research Interests

Primary Applied Econometrics

Secondary Crime, Education, Labour, Networks

## Work in Progress

*Impact of Economic Conditions and Marriage Market on Inmates' Recidivism*

*Impact of Participation in Reintegration Programs on Criminal Recidivism*, with Guy Lacroix and Steeve Marchand

*Assessing the Predictive Power of LS/CMI : a Machine Learning Approach*, with Guy Lacroix

## Technical Reports

ARBOUR, W., G. LACROIX and S. MARCHAND, *Évaluation des interventions axées sur la réinsertion sociale*, report submitted to Ministère de la Sécurité publique du Québec, October 2018. [\[link\]](#)

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🌐 <https://sites.google.com/view/william-arbour/homepage>

## Teaching Experience (TA)

2018–now **University of Toronto.**

- Quantitative Methods (for Prof. Jennifer Murdock)
- Introduction to Data Analysis and Applied Econometrics (for Prof. Jennifer Murdock)
- Applied Econometrics (for Prof. Jonathan Beauchamp, David Price and Angelo Melino)
- Economic Analysis of Law (for Robert Barber, lecturer)
- Principles of Microeconomics (for Kieran Furlong, lecturer)

2016–2017 **Laval University.**

- Principles of Microeconomics (for Prof. Vincent Boucher)
- Health Economics (for Nicolas Corneau-Tremblay, lecturer)

## Research Experience (RA)

2020–now **University of Toronto.**

- Prof. David Price (2020 – now)

2017–2019 **Laval University.**

- Prof. Guy Lacroix (2017 – 2019)
- Prof. Arnaud Dufays (2017)

## Referee Services

Insurance and Risk Management

## Public Communications

2020 Université Laval, Graduate Students in Economics of Education Zoom (GEEZ)

2018 An Introduction to  $\text{\LaTeX}$ (public workshop), Cégep Lévis-Lauzon, Université Laval

## Awards

2018 Master's Research Scholarship, *Social Sciences Faculty (Laval University)*

2018 Master's Research Scholarship, *CRREP*

2017 Admission Scholarship, *Economics Department (Laval University)*

2012 Lieutenant Governor's Medal

## Languages

English

French

Sign Language (level 3)

## Computer Skills

General Python, Fortran,  $\text{\LaTeX}$ .

Statistical R, Stata.

Mathematical Matlab, Maple.

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## Online Formation

The Data Scientist's Toolbox, *Johns-Hopkins University, June 2017*

R Programming, *Johns-Hopkins University, June 2017*

Introduction to Classical Music, *Yale University, ongoing*

## Interests

- Cinema and history of films
- Sociolinguistics
- Science history
- Badminton
- Classical music
- Gastronomy

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