

Rachael Jaffe

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Education

Dalla Lana School of Public Health

Toronto, ON

MSC HEALTH SERVICES RESEARCH

Sept 2021 - May 2023

- Institute of Health Policy Management and Evaluation (IHPME)
- Emphasis in Health Economics
- Thesis: Effect of Spinal Cord Injuries on Work and Earnings

University of Toronto

Toronto, ON

H.BSC IN GLOBAL HEALTH

2016-2020

- High Distinction
- Minors in Statistics and Economics
- Varsity water polo, captain 2018-2020

Research Experience

VHA Home Care

Toronto, ON

RESEARCH ASSISTANT

June 2023 - July 2024

- Responsible for the data analysis and modelling for all quantitative research projects
- Research pertains to the dynamic labor economic outcomes of Personal Support Workers in Ontario during Covid-19
- Relevant statistical / econometric modelling in R including applications of survival analysis

St. Michael's Hospital

Toronto, ON

RESEARCH ASSISTANT

May 2020 - present

- A member of the research lab exploring the effects of traumatic injuries of the head and spine.
- Responsible for completing specific projects in clinical epidemiology, econometrics, and economic evaluations examining the impact of spinal cord injury on clinical and economic outcomes.
- Performing data analysis with R, STATA.

Teaching Experience

Department of Statistical Sciences

Toronto, ON

TEACHING ASSISTANT

January 2022 - May 2023

- A TA for 'Introduction to Statistics' in Winter 2022, Fall 2022, and Winter 2023.
- Led discussion/tutorial groups weekly, assisted with office hours, and marked problem sets and final exams.

Department of Human Biology

Toronto, ON

TEACHING ASSISTANT

January 2022 - May 2023

- A TA for 'Introduction to Global Health' in Winter 2022 and Winter 2023.
- Guided students to complete tutorial exercises, assisted with office hours, and marked projects, case reports, and final exams.

Technical Experience

PROGRAMMING LANGUAGES

R

- ShinyApps / Dashboards
- Statistical / Econometric packages for modelling (plm(), lme4(), glm(), heemod())
- Data visualizations with ggplot()

PYTHON

- pandas / matplotlib
- Integration with AWS / SQL

STATA

- High proficiency implementing various econometric methodology

MICROSOFT OFFICE - EXCEL

- Data manipulation, plotting, vlookup

Awards

CANADIAN INSTITUTE OF HEALTH RESEARCH (CIHR) - CANADA GRADUATE SCHOLARSHIP-MASTER'S

2022-2023

- Value: \$17,500 CAD over 1 year
- These awards provide special recognition and financial support to students who are pursuing a Masters degree in a health-related field in Canada

CANADIAN STATISTICAL SCIENCES INSTITUTE (CANSSI) ONTARIO DATA ACCESS GRANT

2022

- Value: \$5,000 CAD
- Awarded to my thesis project to cover costs associated with accessing and working with large data sources, which are necessary to carry out data-intensive research and application

T-HOLDERS ACADEMIC EXCELLENCE

2019-2020

- 'Celebrated student athletes with outstanding academic achievements at the University of Toronto while competing for the Varsity Blues in the 2019-2020 scholastic year'

2ND OVERALL, U OF T DATAFEST

June 2020

- Website overview: <https://datafestuoft.github.io/>
- Our Project: https://rjaffe123.shinyapps.io/shiny_map_attempt/

FRANK PINDAR FEMALE ATHLETE OF THE YEAR

2019-2020

- Awarded to the top achieving female athlete at the University of Toronto

MEMBER OF THE CANADIAN WOMEN'S NATIONAL TEAM (WATER POLO)

Sept 2021 - current

- Competed at various international tournaments
- Currently receiving support from AAP Sport Canada at the Senior level

CURRENT AND PAST PUBLICATIONS

- For a full list of publications see here: <https://scholar.google.com/citations?user=FuxjlpsAAAAJ&hl=en>