

# Rohan Alexander

Assistant Professor, Information and Statistical Sciences, University of Toronto

Room 637, 140 St George St, Toronto, Ontario, M5S 3G6, Canada

✉ rohan.alexander@utoronto.ca    🌐 RohanAlexander    🐦 rohanalexander    🌐 rohanalexander.com

## Academic appointments

### UNIVERSITY OF TORONTO

Assistant Professor, Information & Statistical Sciences

July 2020 - *Current*

Faculty Affiliate, Schwartz Reisman Institute

August 2020 - *Current*

Post-doctoral Fellow, Information

July 2019 - July 2020

## Education

### AUSTRALIAN NATIONAL UNIVERSITY

PhD (Economics)

February 2015 - December 2019

Dissertation title: Essays on Applied Historical Labour Economics.

Committee: John Tang (chair); Martine Mariotti; Tim Hatton; Zach Ward.

M. Economics

February 2012 - November 2012

### UNIVERSITY OF QUEENSLAND

B. Economics

February 2004 - November 2008

## Publications

Alexander, Rohan, and Zach Ward, 2018, 'Age At Arrival and Assimilation In The Age Of Mass Migration', *The Journal of Economic History*, 78(3), pp. 904-937.

## Working papers

Chiu, Ke-Li, and Rohan Alexander, 2021, 'On consistency scores in text data with an implementation in R', *arXiv*, 13 January, <https://arxiv.org/abs/2101.05225>.

Hodgetts, Paul A., and Rohan Alexander, 2020, 'cesR: An R package for the Canadian Election Study', *SocArXiv*, 3 September, <https://osf.io/preprints/socarxiv/a29h8/>.

## Grants

CANSSI Ontario Workshop/Lecture (COWL) Program

\$1,000 to support an undergraduate.

PI: Rohan Alexander.

CANSSI Ontario Multidisciplinary Doctoral (Mdoc) training program

\$10,000 annually for five years to support a PhD student.

Co-PIs: Rohan Alexander, and Monica Alexander.

U of T Faculty of Arts & Science Pedagogical Innovation and Experimentation Fund

\$15,000 to develop an applied statistics toolkit.

Co-PIs: Rohan Alexander, and Samantha-Jo Caetano.

UCL & U of T Strategic Partner Funds for AI collaborations

\$25,000 for 'AI Governance: Building ethical frameworks to balance risk and innovation'.

Co-PIs: Elizabeth Lomas, Kelly Lyons, Jenny Bunn, and Rohan Alexander.

## Teaching experience

### UNIVERSITY OF TORONTO

(*Upcoming*) Instructor, 'INF312: Worlds Become Data'

Winter 2022

|  |             |
|--|-------------|
| ( <i>Upcoming</i> ) Instructor, 'STA304: Surveys, Sampling and Observational Data' | Winter 2022 |
| Instructor, 'INF2178: Experimental Design for Data Science'                        | Winter 2021 |
| Instructor, 'STA304: Surveys, Sampling and Observational Data'                     | Fall 2020   |
| Instructor, 'INF2178: Experimental Design for Data Science'                        | Winter 2020 |

## Supervisory experience

### PHD

|                       |                                 |
|-----------------------|---------------------------------|
| Zedan Xu, Information | September 2020 - <i>Current</i> |
|-----------------------|---------------------------------|

### Co-op

|                            |             |
|----------------------------|-------------|
| A Mahfouz, Information     | Summer 2020 |
| Ke-Li Chiu, Information    | Summer 2020 |
| Paul Hodgetts, Information | Summer 2020 |

### WORK-STUDY

|   |                                |
|---|--------------------------------|
| Ke-Li Chiu, Information                       | September 2020 - February 2021 |
| Paul Hodgetts, Information                    | September 2020 - February 2021 |
| Yian Wang, Statistical Sciences and Economics | September 2020 - February 2021 |

## Service

### OUTREACH

|   |                                 |
|---|---------------------------------|
| Organiser, <i>Toronto Workshop on Reproducibility</i>     | 25 & 26 February 2021           |
| Co-founder and co-organiser, <i>Toronto Data Workshop</i> | September 2019 - <i>Current</i> |
| Co-organiser, <i>MRP Reading Group</i>                    | January 2020 - December 2020    |

### COMMITTEES

|  |                                |
|--|--------------------------------|
| Member, Search Committee, Information                                | November 2020 - <i>Current</i> |
| Member, Awards Committee, Information                                | July 2020 - November 2020      |
| Member, Graduate Committee, Statistical Sciences                     | July 2020 - <i>Current</i>     |
| Co-organiser, Interdisciplinary Seminar Series, Statistical Sciences | July 2020 - <i>Current</i>     |

### EXAM COMMITTEE

|   |                  |
|---|------------------|
| Member, Statistical Sciences PhD Oral Exam Committee, Arvind Shrivats | 12 February 2021 |
| Member, Statistical Sciences PhD Oral Exam Committee, Zhen Qin        | 12 January 2021  |

### REFEREEING

2020: Canadian Journal of Political Science (x2); Political Analysis; Harvard Data Science Review, The Economic Record.