

Rohan Alexander

Assistant Professor, Information and Statistical Sciences, University of Toronto

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Academic appointments

UNIVERSITY OF TORONTO

Assistant Professor, Information & Statistical Sciences

July 2020 - *Current*

COVID-19: Between March and December 2020 I shared full-time childcare duties.

Parental leave: Between June and September 2021 I was on parental leave.

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

Book

Alexander, Rohan, *Telling Stories with Data*, (accepted for publication by CRC Press in May 2021), <https://www.tellingstorieswithdata.com>.

Papers

Alexander, Rohan, Samantha-Jo Caetano, Haoluan Chen, Michael Chong, Annie Collins, Shirley Deng, Isaac Ehrlich, Paul Hodgetts, Yena Joo, Marija Pejcinovska, Mariam Walaa, and Matthew Wankiewicz, 2021, 'An Introduction to DoSStoolkit', *arXiv*, 19 May, <https://arxiv.org/abs/2105.09347>.

Chiu, Ke-Li, and Rohan Alexander, 2021, 'Detecting Hate Speech with GPT-3', *arXiv*, 23 March, <https://arxiv.org/abs/2103.12407>.

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/>.

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.

Software

Alexander, Rohan, and A Mahfouz, 2021, *heapsofpapers*, <https://rohanalexander.github.io/heapsofpapers/>.

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

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|---|-------------|
| (Upcoming) Instructor, 'INF312: Worlds Become Data' | Winter 2022 |
| (Upcoming) 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

- | | |
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| Zedan Xu, Information | September 2020 - Current |
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Co-op

- | | |
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| 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

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

COMMITTEES

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

EXAM COMMITTEE

Member, Statistical Sciences PhD Oral Exam Committee, Alex Stringer
Member, Statistical Sciences PhD Oral Exam Committee, Arvind Shrivats
Member, Statistical Sciences PhD Oral Exam Committee, Zhen Qin

27 April 2021
12 February 2021
12 January 2021

REFEREEING

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