

Rohan Alexander

Assistant Professor, Information and Statistical Sciences, University of Toronto

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Academic appointments

Assistant Professor, Information & Statistical Sciences, University of Toronto 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.

Assistant Director, CANSSI Ontario September 2021 - *Current*

Senior Fellow, Massey College September 2021 - *Current*

Faculty Affiliate, Schwartz Reisman Institute August 2020 - *Current*

Post-doctoral Fellow, Information July 2019 - July 2020

Education

PhD (Economics), Australian National University February 2015 - December 2019

Dissertation title: Essays on Applied Historical Labour Economics.

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

M. Economics, Australian National University February 2012 - November 2012

B. Economics, University of Queensland February 2004 - November 2008

Books

Alexander, Rohan, *Telling Stories with Data*, (accepted for publication by CRC Press in May 2021).

Kennedy, Lauren, Rohan Alexander, and Andrew Gelman, (editors), *Multilevel Regression and Poststratification: A Practical Guide and New Developments*, (accepted for publication by Cambridge University Press in July 2021).

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

U of T Faculty of Arts & Science Pedagogical Innovation and Experimentation Fund \$10,000 to continue developing the DoSS toolkit. Co-PIs: Rohan Alexander, and Samantha-Jo Caetano.	2021
CANSSI Ontario Workshop/Lecture (COWL) Program \$1,000 to support an undergraduate. PI: Rohan Alexander.	2021
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.	2021
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.	2020
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.	2020

Teaching experience

UNIVERSITY OF TORONTO

(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

Zedan Xu, Information	September 2020 - Current
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MASTERS

Elisa Du, Applied Computing	March 2021 - Current
A Mahfouz, Information (co-op)	Summer 2020
Ke-Li Chiu, Information (co-op and work-study)	July 2020 - February 2021
Paul Hodgetts, Information (co-op and work-study)	July 2020 - February 2021

BACHELOR

Jeremy Hunt, Engineering (senior thesis)	September 2020 - April 2021
Yian Wang, Statistical Sciences and Economics (work-study)	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

Member, BI Recruitment and Admission Committee, Information	July 2021 - Current
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

JOURNAL ASSOCIATE EDITOR

Journal of Statistics and Data Science Education

Summer 2021 - *Current*

JOURNAL REFEREEING

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