

# Daniel B. Zackon

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## EDUCATION **University of Toronto**

Master of Science (M.Sc.), Mathematics, 2019 (expected)  
Supervisor: Prof. Stevo Todorčević

## **McGill University**

Bachelor of Arts (B.A.), Mathematics and Philosophy, 2017  
Exchange semester at University of Bristol, Winter 2016  
Independent reading course in Category Theory, Supervisor: Prof. Michael Barr  
Independent reading course in Modal Logic, Supervisor: Prof. Dirk Schlimm

## **John Abbott College**

Diplôme d'études collégiales (DEC), Liberal Arts, 2014

## RESEARCH **Department of Mathematics, Ben-Gurion University of the Negev**

EXPERIENCE Research Intern, Combinatorial Set Theory, May 2018–August 2018 (Supv.: Prof. Menachem Kojman)

## **Department of Linguistics, McGill University**

Research Assistant, Formal Semantics, May 2017–September 2017 (Supv.: Prof. Brendan S. Gillon)

## TEACHING **Department of Mathematics, University of Toronto**

EXPERIENCE Teaching Assistant, MAT 136: *Calculus 1B*, Prof. Sarah Mayes-Tang, Winter 2019  
Teaching Assistant, MAT 135: *Calculus 1A*, Prof. Sarah Mayes-Tang, Fall 2018

## **Department of Mathematics and Statistics, McGill University**

Course Assistant, MATH 203: *Principles of Statistics 1*, Dr. José Andrés Correa, Winter 2018  
Course Assistant, MATH 204: *Principles of Statistics 2*, Prof. Russell Steele, Winter 2018  
Course Assistant, MATH 323: *Probability*, Prof. David B. Wolfson, Fall 2017  
Course Assistant, MATH 203: *Principles of Statistics 1*, Prof. Yi Yang, Winter 2017

## **Philosophy Students' Association, McGill University**

Tutor, PHIL 210: *Introduction to Deductive Logic*, Fall 2016

## SUMMER **Institute for Mathematical Sciences / National University of Singapore**

SCHOOLS IMS Graduate Summer School in Logic, July 2019 (upcoming)

## TALKS

*Another Thing Erdős Did*, 44th Annual New York State Regional Graduate Mathematics Conference, Syracuse University, March 2019, Syracuse, NY  
*Colouring, Compactness, and Cardinals*, Mathematics Graduate Student Seminar, University of Toronto, January 2019, Toronto, ON  
*Everything You Wanted to Know About Canonical Ramsey Theory\* (\*But Were Afraid to Ask)*, Mathematics Graduate Student Seminar, University of Toronto, October 2018, Toronto, ON  
*An Excursion in Dynamic Logic*, Séminaires universitaires en mathématiques à Montréal, Concordia University, Montreal, QC, January 2018  
*Combinatorial Methods in Knot Theory*, Canadian Undergraduate Mathematics Conference, Université du Québec à Montréal, Montreal, QC, July 2017  
*On the Fundamentals of Ordinal Arithmetic and Hydra Decapitation*, Séminaires universitaires en mathématiques à Montréal, McGill University, Montreal, QC, January 2017

**OTHER**  
**CONFERENCES** CMS Summer Meeting 2019, Regina, June 2019 (upcoming)  
Logic Fest in the Windy City, University of Illinois at Chicago, May–June 2019 (upcoming)  
50 Years of Set Theory in Toronto, Fields Institute, Toronto, May 2019 (upcoming)  
PyCon Canada, Toronto, November 2018  
Fields Medal Symposium, Fields Institute, Toronto, November 2018  
Mathematical Association of America Seaway Meeting, Mississauga, October 2018  
Mathematical Congress of the Americas, Montreal, July 2017  
Séminaires universitaires en mathématiques à Montréal, Montreal, January 2016

**HONOURS**  
**AND AWARDS** Full Graduate Scholarship, University of Toronto, February 2018  
Globalink Research Award, Mitacs Canada, January 2018  
Hannah and Nathan Yaphe Memorial Scholarship, JCF Montreal, September 2017  
Mobility PBCSE Undergraduate Award, McGill University, September 2015  
Departmental Academic Excellence Award, John Abbott College, June 2014  
Award for Outstanding Contribution to the Liberal Arts Program, John Abbott Coll., June 2014  
Peace Studies Certificate Award, John Abbott College, June 2014  
Academic Honour Roll, John Abbott College, Winter 2014 / Fall 2013  
Ellen Moore Latin Award, John Abbott College, June 2013

**EDITORIAL**  
**ACTIVITIES** **McGill Journal of Undergraduate Mathematics**  
Founding Editor, January 2017–December 2018

**PROFESSIONAL**  
**SERVICE** **Canadian Mathematical Society**  
Organizer, Student Research Session, CMS Summer Meeting 2019, June 2019 (upcoming)  
Organizer, Student Research Session, CMS Winter Meeting 2018, December 2018  
Member, Student Committee, May 2018–present

**Association for Women in Mathematics, Montreal Student Chapter**  
Director (Academic Affairs), Fall 2017–Winter 2018

**Séminaires universitaires en mathématiques à Montréal 2018**  
Member, Organizing Committee, Fall 2017

**Society of Undergraduate Mathematics Students, McGill University**  
Vice-President (Executive), Fall 2015  
Vice-President (External), Fall 2014–Winter 2015

**UNIVERSITY**  
**SERVICE** **McGill University Senate**  
Member, Committee on Student Discipline, Fall 2016–Winter 2017

**Faculty of Arts, McGill University**  
Student Representative, Faculty of Arts Curriculum Committee, Fall 2015–Winter 2016  
Student Representative, History and Philosophy of Science Program Committee,  
Fall 2014–Fall 2018  
Student Representative, Faculty of Arts Council, Fall 2014–Winter 2017  
Member, Arts Undergraduate Improvement Fund Committee, Fall 2014–Winter 2015

**Arts Undergraduate Society, McGill University**  
Deputy Returning Officer, Elections AUS, Fall 2016–Winter 2017  
Councillor, AUS Legislative Council, Fall 2014–Winter 2015  
Member, AUS Academic Affairs Committee, Fall 2014–Winter 2015

**LANGUAGES**  
**AND SKILLS** English (native), French (fluent), Hebrew (fluent), Latin (translational), Yiddish (beginner)  
 $\text{\LaTeX}$ , SageMath, Python, Java, Mathematica, R, Wikitext, HTML