

Robert Joshua Redelmeier

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Education

McMaster University, Bachelor of Arts and Science (Honours)

Expected: May 2019

- GPA: 3.97
- Enrolled in interdisciplinary Arts and Science program, specializing in Mathematics and Statistics
- Courses include: Inquiry: Global Challenges, Social and Political Thought, Advanced Calculus, Statistical Methods and Applications

University of Toronto Schools (UTS), Ontario Secondary School Diploma

June 2015

- Graduating average: 95.8
- Grade of 5 (Highest) on AP Calculus AB, AP Physics 1, AP Chemistry, AP Biology

Awards

FCCP Education Foundation Scholarship in Arts and Science	2017
Alec John Royston MacMillan Memorial Community Contribution Award	2017
McMaster Dean's Honour List	2017
DeltaHacks III: Best Hack Addressing Online Harassment	2017
Arts and Science Program Book Award	2016
McMaster Dean's Honour List	2016
McMaster President's Scholarship	2015
Canadian Computing Competition, Senior Level: Top 25 th Percentile	2015
National Biology Competition: Scholar with Distinction	2015
SHAD Waterloo Investment Challenge: Greatest Investment Readiness	2015
SHAD Cup: 3 rd Overall, Best Application to Theme	2014

Publications

1. Redelmeier RJ, Naylor CD. Changes in Characteristics and Time to Recognition of Medical Scientists Awarded a Nobel Prize. JAMA. 2016;316(19):2043-2044. [doi:10.1001/jama.2016.15702](https://doi.org/10.1001/jama.2016.15702)

Employment

Research Assistant, *University of Toronto, with Dr. David Naylor, MD DPhil OC*

March 2015 - Present

Made major contributions to two projects on major medical awards, including data analysis and editing.

- On the Recognition of Global Excellence in Medical Research
 - Constructed table with extensive details on medical awards, which was included in final draft
 - Acknowledged for “outstanding assistance in preparing [the] article”

- See Naylor CD, Bell JI. On the Recognition of Global Excellence in Medical Research. JAMA. 2015;314(11):1125-1126. doi:[10.1001/jama.2015.10696](https://doi.org/10.1001/jama.2015.10696).
- Changes in Characteristics and Time to Recognition of Medical Scientists Awarded a Nobel Prize
 - Led all data collection and analysis, including figure construction
 - Designed a new methodology for estimating the scientists' year of landmark publication
 - Drafted and edited manuscript for final publication

Research Associate, Sunnybrook Hospital, with Dr. Edward Etchells, MD

May 2016 - Present

Contributed to a meta-analysis focusing on predictive indicators for the diagnosis and prognosis of patients admitting with Syncope appropriate for clinical use.

- Developed and refined screening criteria with specific quality appraisal guidelines.
- Screened over 6000 articles, appraised quality for 103 studies, and evaluated data for 45 studies.
- Coordinated responsibilities and documents between physicians and residents on the project team.

Social Systems Evidence Undergraduate Lead, McMaster Health Forum

September 2016 - Present

Led a team of undergraduates in the formation of Social Systems Evidence, a one stop shop for research evidence relating to social systems intended to aid policymakers and other policy stakeholders.

- Helped recruit, train, and guide a team of 6 fellow undergraduates.
- Created an entirely new hand search collection processes using Excel and VBA, saving coworkers hundreds of tasks.
- Co-operatively designed custom search strategies for ProQuest, EBSCOHost, and Web of Science databases.

Volunteer and Extracurricular Experiences

Senior Program Advisor, McMaster University Society of Arts and Science Students

May 2017 - Present

Elected by fellow members of the Arts and Science program to work with the program director in shaping the program's continued development.

Student Committee Member, Canadian Mathematical Society

May 2017 - Present

Worked with other committee members to support undergraduates across the country and help develop the community of Canadian mathematics students, including by helping organize the Canadian Undergraduate Mathematics Conference.

Undersecretary General: IT, Southern Ontario Model Assembly

April 2012 - April 2015

In charge of website development and organizing all technological requirements for a 600-person conference.

- Liaised with teacher-supervisors, student delegates, and fellow staff members
- Set up projectors, laptops, microphones and addressed issues throughout the conference