

McMaster University

2026 Summer Program: Medical Research & Digital Health

Founded in 1887, our purpose at McMaster is the discovery, communication and preservation of knowledge. In our teaching, research and scholarship, we are committed to creativity, innovation and excellence, as our researchers confront some of the world's most urgent challenges – including health innovation, AI, advanced materials and manufacturing, social justice, and more.

McMaster University is:

- **Ranked among the top 100 public universities globally** in the 2025 Times Higher Education Ranking
- No. 5 on the Maclean's 2025 Ranking of Canadian Universities
- Consistently ranked as Canada's most research-intensive, medical-doctoral university by Research Infosource since 2017
- Home to **three Nobel prize-winners**: McMaster Professor Bertram Brockhouse (Physics in 1994), McMaster graduates Myron Scholes (Economics, 1997), Donna Strickland (Physics, 2018)
- Known for top-rated programs in: **Business, Engineering, Health Sciences, Humanities, Science, and Social Sciences**

Further, **McMaster's Michael G. DeGroote School of Medicine** is known around the world for its innovative method of small group, problem-based education, with a focus on self-directed, lifelong learning, which is pivotal from the day students enter our schools and throughout their professional careers.



"I truly appreciated the professors' lectures from various fields and their kind encouragement. I am thankful for this opportunity to challenge myself and to get to know more peers from different schools. I felt greatly impacted by their knowledge, research experience and ways of thinking. The program also showed me new customs and culture and grew my interest in medical systems. I will always remember this precious experience at McMaster campus."
-Zitang ZHOU
Shanghai Jiao Tong University School of Medicine



Summer English Program with a Medical Research & Digital Health Focus

This program is designed to provide participants with a strong foundational approach to Medical Research and Digital Health. The program will include approaches to evidence-based medicine, digital health, and health statistics, alongside discussions of health research methods and how to be a good medical researcher. Our program begins with two weeks of intensive English language-skills practice (in the health sciences context), preparing students to participate effectively in their Medical Research and Digital Health lectures and activities.

Program Features:

- Lectures by expert faculty from McMaster's Faculties of Health Sciences, Science, and Business
- Highly qualified and experienced English language instructors
- Progress Report and Certificate of Graduation
- Access to university facilities and services
- Visit to hospital, historical/recreational places
- Welcome / Farewell Ceremonies

Program Dates: July 12 - August 9, 2026

Program Fee: \$5,600.00 CAD

fees include: tuition, accommodation, limited meal cards, airport pick-up and drop-off, weekend excursions, access to university facilities and university health insurance



Contact:

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<https://global.mcmaster.ca/oia-summer-programs/>



OFFICE OF
INTERNATIONAL AFFAIRS

2026 Summer English Program with a Medical Research & Digital Health Focus

July 12 – August 9, 2026

WEEKS ONE & TWO: ACADEMIC ENGLISH LANGUAGE INTENSIVE

Sun Jul 12	Arrival		
Mon Jul 13	9:30am-10am Program Briefing	12:15pm Welcome Reception	2pm-4:30pm Campus & Neighbourhood Tour
Tues Jul 14	9am-12pm English Class	1:30pm-4:30pm Independent Study	
Wed Jul 15		1:30pm-4:30pm Cultural Immersion Activities	
Thurs Jul 16		1:30pm-4:30pm Independent Study	
Fri Jul 17		9am-12pm Presentations	
Sat Jul 18	Free Activites		
Sun Jul 19	9am Niagara Falls	2:30pm Niagara-on-the-Lake Outlet Mall	
Mon Jul 20	9am-12pm Academic English Class	1:30pm-4:30pm Cultural Immersion Activities	
Tues Jul 21			
Wed Jul 22		1:30pm-4:30pm Independent Study	
Thurs Jul 23		1:30pm-4:30pm Bertrand Russell Archives & Tutorial	
Fri Jul 24	9am-12pm Presentations	1:30pm-4:30pm Independent Study	
Sat Jul 25	Free Activites		
Sun Jul 26	9am Toronto CN Tower	12pm Toronto Eaton Centre	



WEEKS THREE & FOUR: MEDICAL RESEARCH AND DIGITAL HEALTH PROGRAMMING

2024 RESEARCH PROGRAM			
Mon Jul 27	9am-9:30am Introduction to Medical Research and Digital Health Dr. David Chan	9:30am-12pm Evidence Based Clinical Practice (EBCP) <u>Learn One</u> Dr. David Chan	1:30pm-4:30pm EBCP Tutorial – <u>Do One</u>
Tues Jul 28	9am-12pm Health Research Methods Dr. David Chan		1:30pm-4:30pm Tour of Health Sciences Facilities
Wed Jul 29	9am-12pm Digital Health Dr. David Chan		1:30pm-4:30pm Using AI in Clinical Practice Dr. Ian Pun & Dr. Kevin Lai
Thurs Jul 30	9am-12pm P4 Medicine (Personal, Participatory, Predictive, Preventative) Dr. Herb Schellhorn		1:30pm-4:30pm Formulating Your Research Question – Team Tutorial
Fri Jul 31	9am-12pm Medical Research – Lab Science Dr. Herb Schellhorn		1:30pm-4:30pm Student Team Presentations on Research Proposals Dr. David Chan
Sat Aug 1	9am Canada’s Wonderland		
Sun Aug 2	Free Activities		
Mon Aug 3	Civic Holiday Visit to Toronto		
Tues Aug 4	9am-12pm Health Statistics Dr. Keiwan Wind		1:30pm-4:30pm Medical Research on Pediatric Behaviour Dr. William Mahoney
Wed Aug 5	9am-12pm Artificial Intelligence Dr. Keiwan Wind		1:30pm-4:30pm Team Presentation Preparation
Thurs Aug 6	9am-12pm Clinical Research in the Real World – Trials in Stroke Rehabilitation Dr. Ada Tang		1:30pm-4:30pm Team Presentation Preparation
Fri Aug 7	9am-12pm Student Presentations & Program Wrap-Up		12:15pm Graduation/Farewell
Sat Aug 8	10am Toronto Centre Island		
Sun Aug 9	12pm Departure		



"Inspiring and exciting AI-medicine courses. The welcoming environment forged strong, international connections. The experience delivered exactly the experiences I sought: practical, forward-thinking, and collaborative. Essential for the future of healthcare."
-Xiyuan Cui, Shanghai Medical College, Fudan University