

Neeloufar Grami

MD Candidate

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Education

University of Toronto, Temerty Faculty of Medicine

(expected June 2025)

Doctor of Medicine – MD Candidate

Wightman-Berris Academy (University Health Network and Sinai Health System)

McMaster University, Faculty of Science

Sept. 2018 – May 2021

Bachelor of Science, Life Sciences (Biochemistry Focus) – BSc

Thesis Supervisor: Dr. Guillaume Paré

Cumulative GPA: 4.00/4.00, graduated Summa Cum Laude

Skills and Certifications

- Strong community engagement, leadership, critical and creative thinking skills, and advocacy
- Fluent in English, French (French Immersion Diploma), and Farsi
- Completion of Tri-Council Policy Statement: Ethical Conduct for Research Involving Humans

Employment/Work Experience

- **Teaching Assistant – Molecular & Cellular Biology, McMaster University** Jan. 2021 – April 2021
 - Responsible for leading bi-weekly labs and bi-weekly tutorial lessons
 - Guided and demonstrated laboratory experiments, marked lab assignments and final lab reports, hosted office hours to facilitate student engagement and learning

Relevant Volunteering and Extracurricular Activities

Medical Education

- **Transition-to-Clerkship (TTC) Curriculum Developer** May 2023- Sep 2023
 - Designed and developed entirely the Paediatrics, Internal Medicine, & Emergency Medicine TTC Lecture Series now being used in the pre-clerkship curriculum
- **Students-as-Teachers (SAT) Program – Student Teacher In-Training** 2022 – 2023
 - Completed SAT Program Certificate further nurturing interest in medical education by providing early, extracurricular exposure to educational theory including but not limited curriculum development and design, effective feedback, small group teaching, and reflection; provided formal teaching session to junior medical students as final module.
- **Anatomy Tutor for U. of T.'s Faculty of Medicine Pre-Clerkship Anatomy (PREP Program) 2022 – 2023**
- **Pre-Clerkship Curriculum Development Associate - Humanities Component** 2022
 - Helped in the enhancement of the humanities companion (a literary piece that connects the student to a patient perspective and encourages students to think about the social structures that affect different patients) within the context of the Case-Based Learning (CBL) course of the pre-clerkship curriculum.

Leadership

- **Orientation Week Coordinator - Temerty Faculty of Medicine** May 2022 – May 2023
 - 600 hour+ commitment that included but is not exclusive to the following: spearheaded and emceed the University of Toronto Stethoscope Ceremony for 250+ incoming medical students and ~1500 guests, including family and faculty members; collaborated with four other medical students to organize the 6-day orientation week; designed and wrote sponsorship contracts and met one-on-one with all 5 major Canadian banks and various businesses in Toronto to raise a total of \$75,000 in sponsorship funds.

- **Clerkship Course Student Representative on Class Council for Dept. of EM at U. of T. 2023 – Present**

Mentorship

- **Advocacy Mentorship Initiative – Mentor for Child in Low SES 2022 – 2023**
 - AMI provided the opportunity to be a peer mentor to a youth raised in an at-risk environment. In addition, to bi-weekly sessions with my mentee, in this program I also completed advanced training in child development, child psychiatry, pediatric medicine, and the interplay of these fields with the social determinants of health.
- **Scaddingcourt Mentorship Program for Underprivileged Children – Mentor/Tutor 2021 – 2022**

During Undergraduate Degree:

- VP-Academic, Biochemistry and Biomedical Sciences Society, McMaster University 2020 – 2021
- Orientation Week Representative – McMaster University 2019 – 2021
- Upper Year Science Mentor – McMaster Mentorship Program 2019 – 2021
- Leadership Developer (Logistics) – McMaster Horizons Leadership Conference 2019
- Leadership Developer – McMaster Creating Leadership Amongst Youth Conference 2019– 2021

Research Experience

- **Research Assistant, Hospital for Sick Children – Paediatric Orthopedic Surgery May 2022 – Present**
 - Supervised by Dr. Mark Camp, working to decrease unnecessary orthopaedic technology, and radiology visits for paediatric femoral shaft fractures managed with spica casts.
- **Research Volunteer, Niagara Thrombosis Service - McMaster University March 2023 – March 2024**
 - Supervised by Dr. Leonard Blair, working to evaluate the usage of an electronic venous thromboembolism risk assessment tool in ambulatory oncology patients in community care settings.
- **Research Assistant, Population Health Research Institute, McMaster University May 2020 – Sept. 2021**
 - Supervised by Dr. Guillaume Paré at the Genetic Molecular Epidemiology Lab, examined multivariable Mendelian randomization to determine the biochemical mechanism by which cigarette smoking causes various cardiovascular diseases
- **Research Assistant, Population Health Research Institute, McMaster University May 2020 – Sept. 2021**
 - Supervised by Dr. Maura Marcucci, examined clinical data to determine how surgical delays attributed to COVID-19 impacted patient cognition and outcomes
- **Research Assistant, Farncombe Institute, McMaster University May 2019 – Sept. 2019**
 - Supervised by Dr. Alexander Hynes, investigated various wet-lab methods to streamline bacteriophage detection, screening, and analysis

Peer-Reviewed Publication

1. Benayon M, Latchupatula L, Graiss M, Graiss A, Sabac D, Sritharan P, Selznick A, Patel J, **Grami N**, et al. "Rationale, Methods, and Progress to Date of the Co-TELE-SURGE Study: Preoperative and Postoperative Cognitive Trajectories in Older Patients with Deferred Surgery due to the COVID19 Emergency", *Canadian Society of Internal Medicine Virtual Annual Meeting 2021* (ePoster)
2. **Grami N**, Trottier, E, Alabdulkarim Y, Bouchard M, Camp M, "Eliminating Routine Post-Operative Radiographs for Paediatric Diaphyseal Femur Fractures Treated with Spica Casting," *Hospital of SickKids Summer Research Symposium 2023* (In-Person Poster Presentation)
3. Khamar J, Sachdeva A, Burnley E, Tse B, **Grami N**, Leonard B, "Evaluation of the usage of an electronic venous thromboembolism risk assessment tool for ambulatory oncology patients at a Canadian community cancer centre", *Journal of Thrombosis and Thrombolysis* (Submitted March 2024)