

Anita Farahmand

(519) 820-2242 | Anitaf@my.yorku.ca | 75 Springhead GDNS, Richmond Hill, ON

EDUCATION

York University

Faculty of Science, B.Sc., Honours, Biology

Langstaff Secondary School

Completion of OSSD

North York, Ontario

Sep 2024 - present

Richmond Hill, ON

Sep 2023 - Jun 2024

EXTRACURRICULAR ACTIVITIES

Volunteer Research Assistant

Supervisor: Dr. Gordon Guyatt

McMaster University

Jan 2026 - Present

Project 1: Functional Outcomes of Minor Ischemic Stroke

- Assist in a systematic review of functional outcomes after minor ischemic stroke, focusing on symptom and impairment statistics reported as patient proportions
- Completed 310 full-text eligibility assessments using pre-specified inclusion and exclusion criteria
- Extracted 30 key study characteristics and outcome data using NIHSS thresholds, mRS-based outcomes, and follow-up timepoints into standardized forms

Project 2: (CHART) Extension for Individual Patient Health Advice

- Assist in a scoping review to identify and characterize studies evaluating the performance of LLMs in providing health advice for individual patients
- Conduct 47 extractions on the characteristics of LLMs, prompting strategies, and evaluator metrics
- Carry out consensus on 60 articles to resolve extraction discrepancies and ensure accuracy and consistency across reviewers

Research Assistant

Supervisor: Dr. Nikola Kovinich

York University

May 2026 - Present

- Assisting a graduate student in investigating transcription factor hierarchies regulating expression of phytoalexins in *Arabidopsis thaliana*
- Perform RNA extraction, cDNA synthesis, and quantitative RT-PCR (qRT-PCR) following protocols
- Process and analyze gene expression data to evaluate the effects of gene knockout and overexpression on transcriptional regulation pathways.
- Assist in the workflow of plasmid construction by doing E.coli transformation, Colony PCR, Miniprep extraction, and analyzing Sequencing data

Bethune Peer Tutor

Volunteer Tutor

York University

Sep 2026 - Present

- Provide support for assignments and exams through crafting 20+ unique lesson plans that targeted student motivation and preparedness
- Arrange one-on-one tutoring sessions in subjects including First year Biology (1000 & 10001) and target academic obstacles through student-tailored methods

University Square Pharmacy

Pharmacy Assistant

Guelph, Ontario

July 2023 - Aug 2023

- Assisted with reception duties and packaged prescriptions accordingly for direct distribution to patients, while adhering to all safety protocols
- Responded to phone inquiries and processed vaccination dates in an orderly manner while recording all immediate transactions and patient billing information

AWARDS

- President's Honour Roll (2025,2026)
- Craggs Scholarship for Academic Excellence (2025, 2026)
- Joyce Aspinall Book Prize in the Department of Chemistry (2025)
- Faculty of Science Entrance Scholarship (2024)