Master of Biotechnology

Class of 2022
Student Profile Booklet
Co-op Program 2020-2021
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Perhaps the single most significant component of the MBiotech Program, at least from the point of view of our students each year, is the Co-op Placement Program. This suite of three courses (BTC 1900Y, 1910Y & 1920Y) earns students up to three full credits towards graduation and, critically, brings them into direct contact with the workplace as a Master’s student. Whilst the Program’s laboratory and classroom courses play important functions during the students’ first seven months with us, no campus-based activities can truly compare to the experiential learning provided “on the job” during the placements.

Over the past 15 years, MBiotech has built an enviably deep roster of sustained relationships with its many major sponsors in the industry, and continues to offer excellent opportunities to all of its students. Likewise, our sponsors are vocal about the benefits such placements bring to their operations. Many of the big players in the biopharmaceutical industry, in particular, are enthusiastic supporters of MBiotech, recognizing the unique blend of science and business skills that our co-op students can offer, and continue to post highly sought-after opportunities year in and year out.

Our goal is to give our students a firm foothold on the career ladder in biotech and biopharma, and this pledge is backed by an unbeaten track record of success for placements both in big, established Pharma, as well as in smaller biotech and health tech companies. Very many graduates leap straight into a full-time career with our sponsors, and nearly all find employment very quickly after graduation day. Conversely, MBiotech students on their co-op placements serve as ambassadors for the Program and reinforce our brand excellence, so it is critical to our future successes that our students represent your company, the University and the Program with commitment and professionalism.

Nazeem Shamsuddin, our Senior Research Associate, has a wealth of experience to help guide our students and employers through the application, interview preparation and decision-making process and will be on hand to offer advice at every stage. As with every MBiotech class, there will be hot competition, and some tough choices to make for all of our students and industry partners. I have actively encouraged all of our students to embrace these opportunities and to learn from them as they take the next steps towards their new careers; and I would like to take this opportunity to thank all of our corporate partners for their renewed support this year: You are fundamental to our success!

Dr. Leigh Revers, M.A. (Oxon), D.Phil.
Director, Master of Biotechnology
Associate Professor (Teaching Stream)

Jayson Parker, M.Sc., M.B.A., Ph.D.
Associate Director (Digital Health Technology)
Associate Professor (Teaching Stream)
**MBiotech: Where Science Meets Business**

The MBiotech Program is a 24 month, course-based professional degree program offered through the Institute for Management & Innovation at the University of Toronto Mississauga. Offering streams in both Biopharmaceuticals and Digital Health Technologies, the program incorporates both science and business courses with 8 to 12 months of work experience in industry. The carefully selected combination of courses, coupled with relevant industry experience and a strong focus on teamwork, provides our graduates with a truly interdisciplinary educational experience at a world-renowned university.

The program was launched in 2001, with the goal of developing biotechnology professionals with scientific and management skills for the biotechnology industry. The MBiotech Program is specifically tailored to meet the evolving needs of our students and those of the global biotechnology and health sciences sectors.

**MBiotech and IMI:**

**The Institute for Management and Innovation**

The Institute for Management & Innovation (IMI) is the centre for management education at the University of Toronto Mississauga (UTM). This collaborative institute provides students with access to professional masters programs in biotechnology, accounting, innovation and sustainability, and undergraduate programs in accounting, finance, marketing, and human resource management. IMI is a cross-disciplinary institute producing mission-focused managers and future leaders with a combination of management skills and depth in their chosen field. IMI also provides an academic platform to foster close interactions and sharing of expertise between the faculty, staff and students in these programs, along with our community partners.

The Institute for Management and Innovation unveiled a new concentration within the Master of Biotechnology- Digital Health Technologies (DHT) in May 2019.

**We are committed to:**

- Working closely with industry and developing a graduate program that meets the needs of current employers
- Providing a broad background of in-depth classroom and laboratory based courses relevant to the biotech industry
- Introducing students to a wide range of biotechnology niches in the workplace
- Developing strong business and interpersonal skills in our graduate students
- Interfacing with a wide range of biotechnology and pharmaceutical companies through internships
The MBiotech Program (Biopharmaceuticals stream) offers 13 graduate courses, in both science and business, over a 24-month period including:

**Science Courses:**
- Molecular Biology Laboratory
- Biomaterials and Protein Chemistry Concepts
- Biotechnology and Medicine
- Biotechnology & Drug Manufacturing
- Biotechnology in Agriculture & Natural Products

**Business Courses:**
- Effective Management Practices
- Fundamental of Managerial Concepts
- Society, Organizations and Technology
- Management of Technological Innovation

**Additional MBiotech Courses:**
- Biopartnering Seminar – full year required course
- Work Term I
- Work Term II
- Work Term III

**MBiotech is committed to:**
- Working closely with industry and developing a graduate program that meets the requirements of current employers
- Providing a broad background of in-depth classroom and laboratory based courses relevant to biotechnology
- Introducing students to a wide range of current and possible biotechnology niches in the workplace
- Developing strong business and interpersonal skills in our graduate students
- Interfacing with a wide range of biotechnology and pharmaceutical companies through internships

**Training today’s innovative scientists to become tomorrow’s business leaders**
STUDENT QUALIFICATIONS

Training today’s innovative scientists to become tomorrow’s business leaders.

Our interns bring with them a professional mindset, as well as a broad spectrum of learning acquired in both laboratories and the classroom. Our courses focus on topics of special relevance for today’s biotechnology and biopharmaceutical industries. Our current placements largely provide experience in the biopharmaceutical, medical device, diagnostic and related industries.

Our Students’ qualifications:

- Diverse graduate and undergraduate backgrounds in cell and molecular biology, human biology, chemistry, chemical engineering and more
- Highly qualified, bright, committed individuals eager to learn and make the most of their internship opportunity
- Well trained in the diverse aspects of modern biotechnology research and development
- Future team leaders with a firm understanding of organizational skills and the importance of working together to benefit your team

Our students have a professional mindset, as well as a broad spectrum of learning acquired in both laboratories and the classroom that focuses on topics of special relevance for today’s biotechnology and biopharmaceutical industries. Our current placements in the biotechnology industry include pharmaceuticals, medical devices, diagnostics and biofuels. Internships are arranged on a full-time, 4-month renewal basis and can be extended for up to 12 months. Placement timing is flexible and coordinated through the calendar year, commencing every January.

This Student Profile Directory is a guide created for employers and industry partners in order to introduce you to our students. The students presented in this guide are seeking 4, 8, or 12 month work terms beginning in January, May or September of 2020. Our students have multi-disciplinary science backgrounds combined with business aptitude, excellent communication skills and teamwork abilities. The versatile nature of MBiotech students will make them valuable contributors to your organization.

Why Hire An MBiotech Student?

Track Record of Excellence
- Repeat employers and supervisors testify the value of hiring our students

Excellent Recruitment Tool
- Students are rigorously pre-screened by the MBiotech team

Proven Past Employer Satisfaction
- Our 3-year average for placement duration of interns is 12 months (two 4 month renewals are usual)

Co-ops Are Competitive
- Our salary guidelines are in the range of $21-$25 per hour, and as they are students no benefits packages are needed

Fringe Benefits For You
- Employers can benefit from substantial tax incentives! See the section on salary guidelines for more information
As part of our unique program, students take up to three consecutive work-terms with top employers across Ontario and beyond. All internships are arranged through our Internal Relations Manager, where each placement is full time and a minimum of 4 months in duration. As such, co-ops can be extended/renewed up to a maximum of 12 months. Placement time is flexible and is coordinated throughout the calendar year.

**Scheduling Guidelines:**

In general, co-ops begin at the start of each academic term. MBiotech encourages start dates to begin in January for the first work term, though the specific date is to be set by the hiring company.

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**CRITERIA FOR CO-OP PLACEMENTS**

Each 4-month co-op placement is classified as a required course for the MBiotech program. As such, students receive academic credit for each placement they successfully complete. Specific criteria must then be satisfied to ensure students receive appropriate credit. Please see below for a full listing of required criteria.

**Co-op placements must:**

- Be full-time for a minimum of four months (greater than 35 hours per week)
- Have a designated, qualified person responsible for evaluating the student’s progress (please see adjacent section on ‘evaluation component’)
- Provide the student with in-depth exposure to the employer’s organization
- Be developed and/or approved as a suitable setting for higher learning
- Be monitored by the Placement and Employer Relations Coordinator
- Completion of Employer-Student Evaluation. For each 4-month work term the direct supervisor is required to submit the MBiotech program Employer-Student Evaluation
The work terms for MBiotech students are generally paid positions, with an average salary range of $21-$25 per hour. As MBiotech co-ops are students, salary packages generally do not need to include extended benefit plans. Employers may be eligible for the following tax incentive program, in regards to hiring MBiotech students:

**Cooperative Education Tax Credit**

The Co–operative Education Tax Credit (CETC) is a refundable tax credit. The CETC is available to employers who hire students enrolled in a co–operative education program at an Ontario university or college. The Canada Revenue Agency (CRA) administers the program on behalf of Ontario through the federal income tax system.

The CETC is based on salaries and wages paid to a student in a co–operative education work placement. The maximum credit for each work placement is $3,000. Most work placements are for a minimum employment period of 10 weeks up to a maximum of four months.


**SAMPLE CO-OP POSITION TITLES**

MBiotech students, through our industry partners, have had the opportunity to work in all facets of the biotechnology sector. Each employer has the ability to structure and form their work placement(s) as it suits their needs and opportunities. The following placements act to serve only as an example of the types of opportunities previously made available through the MBiotech co-op program:

- Associate Medical Scientist
- Business Development Associate
- Business Development Assistant
- Clinical Trials Coordinator
- Clinical Study Associate
- Compliance Intern
- Consulting Intern
- Equity Research Associate
- International Study Management
- Marketing Assistant
- Marketing Research Assistant
- Medical Affairs
- Medical Sales Representative
- Operations & Support
- Pre–Clinical Biochemist
- Policy Associate
- Project Administrator
- Program and Commercialization Officer
- Quality Control Coordinator
- Reimbursement & Market Access
- Regulatory Affairs Associate
- Research Analyst for Biotech Sector
- Research Associate
- Statistical Process Control Analyst
For more information on hiring an MBiotech student:

Nazeem Shamsuddin  
Senior Research Associate  
Master of Biotechnology  
INSTITUTE FOR MANAGEMENT & INNOVATION  
Innovation Complex, KN 2258  
3359 Mississauga Rd | Mississauga, ON L5L 1C6 | Canada  
905-569-4736 | nazeem.shamsuddin@utoronto.ca  
www.mbiotech.ca
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Exceptional managerial skills developed through overseeing the operations of a consulting company, and through managing a team of 10+ consultants
- Strong written communication skills exemplified by publishing a first author original biomedical research article in a peer reviewed journal (article cited 6 times to date)
- Excellent interpersonal communication skills exemplified through developing relationships centered on active listening with 300+ long-term patients with cancer or renal failure
- Innovative problem-solving skills developed by leading multiple biomedical research projects
- Outstanding presentation skills refined by presenting 10+ consulting courses (50-70 students/course)

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- HBSc – Pathobiology Specialist, Biochemistry Major, Immunology Minor – U of Toronto, Class of 2016

EXPERIENCE AND QUALIFICATIONS

- Lead Operations Manager, MedGetters – Managed the organizational operations of a consulting company including product development, service marketing, hiring, and event planning. Managed a team of 10+ consultants to help 200+ students gain admission to competitive healthcare programs
- Marketing Team Leader, Globalfaces – Led a team of 5 marketing representatives by managing daily business development operations. Established relations with 90+ new long-term clients and achieved projected earnings of $100,000+. Recognized for outstanding abilities in client relations
- Clinical Research Coordinator, St. Michael’s Hospital – Coordinated a clinical study by recruiting participants, managing study operations, and gathering data from 200+ patients across 6 health sites
- Patient Care Supporter, Princess Margaret Cancer Center and St. Michael’s Hospital – Developed long-term relations with 300+ patients with cancer or renal failure to improve patient experience.
- Bioinformatics Diabetes Project Manager, Irwin Lab, University of Toronto – Led a bioinformatics project by leveraging big data techniques and discovering novel changes in Insulin Receptor Substrate (IRS) genes. Published results in research conference and in original article as 1st author

PERSONAL INTERESTS

- Health & fitness, soccer, nanomedicine, entrepreneurship, and precision medicine
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Motivated and passionate individual that continuously seeks personal growth and development
• Proven ability to lead and motivate others while promoting harmony developed through over 3 years of leadership experience
• Exceptional teamwork skills as evidenced by group awards that recognized the Ryerson Biomedical Science Course Union (Collaborator Award, Best Professional/Industry Event and Best Academic Event)
• Superb public speaking skills which were recognized by receiving an Outstanding Presentation Award in Microbiology during the Science at the Interface Research Symposium at Ryerson University
• Proficient in scientific literature review and possesses excellent written communication and technical skills developed through research and technician positions
• MBiotech Class Representative for the Class of 2022

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science with Distinction, Major in Biomedical Sciences, Minor in Psychology, Ryerson University, Class of 2020
• Dean’s List, Ryerson University (2017-2020)

EXPERIENCE AND QUALIFICATIONS

• Undergraduate Honours Thesis Student, Foster Microbial Pathogenesis Lab – Studied how differential microenvironmental conditions of the human host affect the expression of virulence factors and pathogenesis in enterohemorrhagic E. coli building off my previous work
• Research Assistant, Foster Microbial Pathogenesis Lab – Investigated the function of a specific two-component system in enterohemorrhagic E. coli associated with an innate immunity resistance phenotype
• Production Lab Technician, ExCellness Biotech – Prepared biomimetic, elastic cell culture substrates in various formats while meeting strict quality control standards and maintaining records
• VP Academic, Biomedical Science Course Union – Regularly consulted with the program director and department on academic affairs. Coordinated and assisted with initiatives that supported academic and professional interests, including networking events and town halls
• Undergraduate Representative, Chemistry and Biology Departmental Council and Biomedical Science Curriculum Committee – Represented the Biomedical Sciences undergraduate student body

PERSONAL INTERESTS

• Outdoor activities, social events, gardening and science communication
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Exceptional communication and interpersonal skills – developed through working within dynamic teams in the workplace and laboratory.
• Ambitious and high achieving – shown through the consistent maintenance of Dean’s Honour List while managing a specialized full-time course load in addition to extra circulars.
• Excellent performance under pressure – able to excel in fast-paced academic and professional environments, developed through laboratory and work experience.
• Outstanding scientific writing – commended by undergraduate supervisors, professors and peers.

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science, Biotechnology Specialization, Queen’s University, Class of 2020

EXPERIENCE AND QUALIFICATIONS

• Undergraduate Honours Thesis, Queen’s University – Project focused on Human Insulin and IGF-1 expression in C. elegans. Responsible for scientific investigation, interpretation of results, literature review, and scientific writing.
• Customer Service Representative, Unilock Ltd. – Developed customer service skills and gained sales experience. Critically viewed costumer needs and tailored product advice to build rapport. Demonstrated adaptability through quickly integrating into a dynamic work environment.
• Integrated Life Sciences Laboratory Course, Queen’s University – Conducted team-based research in physiology, pharmacology and neuroscience. Critical thinking skills used for the development of arguments, assumptions, and information required to evaluate concepts and hypotheses.
• Event coordinator, Queen’s Medical Makers – Organized and attended an annual 3D printing workshop. Centered around creating medical supplies in an innovated and cost-effective manner.
• Student Mentor, Queen’s Biology Undergraduate Society – Provided guidance and support to second year undergraduate students. Fostered community and open conversations surrounding coursework and the biology program as a whole.

PERSONAL INTERESTS

• Psychology and neuroscience
• Drawing, painting, yoga, running and baking
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Self-motivated and passionate individual who is highly adaptable and hardworking
• Outstanding organizational and time management skills evident by balancing the completion of an undergraduate thesis project, while managing a rental property and volunteering at a long-term care facility
• Developed strong interpersonal and communication skills through interacting with a diverse population of patients and staff to complete a wide range of requests in the fast-paced environment of a hospital, and interacting with tenants as a property manager
• Exceptional scientific research and writing abilities developed through the successful completion of an undergraduate thesis project and multiple laboratory-based courses
• Demonstrated robust analytical skills and attention to detail throughout the completion of an undergraduate thesis project

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honors Bachelor of Science, Honors Specialization in Genetics and Major in Medical Sciences, University of Western Ontario, Class of 2020

EXPERIENCE AND QUALIFICATIONS

• Undergraduate Thesis Student, University of Western Ontario – Independently investigated and compared the presence of tumour infiltrating lymphocytes and PD-L1 expression in primary lung adenocarcinoma to secondary metastasis in the brain using immunohistochemistry and QuPath imaging software
• Rental Property Manager – Successfully coordinated property upgrades to improve marketability, managed lease negotiations, and maintained property to achieve a maximal occupancy rate
• Volunteer, Toronto General Hospital – Supported nursing staff in triage of the emergency department with reception, registering patients and providing navigation instructions. Provided administrative support in the gynecologic oncology/urology inpatient unit by responding to patient calls, interacting with visitors and patients, and preparing documentation required for incoming patients
• Horticultural Therapy Volunteer, Mount Hope Centre for Long Term Care – Assisted in the facilitation of horticultural therapy for residents in the long-term care facility on a weekly basis

PERSONAL INTERESTS

• Video games, cooking, personal fitness, technology, law, music
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Superb time-management skills with the ability to prioritize and strive under pressure signified by partaking 3 part-time jobs, 2 research projects, and outreach initiatives while maintaining academic excellence
• Goal oriented and highly adaptable, with expertise in chemical and biological research, along with an aptitude to tackle new challenges
• Excellent communication skills, demonstrated through presenting at 5 conferences (100+ attendants), writing manuscripts and SOPs, and teaching experience
• Highly collaborative and cross functional with outstanding organization and coordination skills established through administrative TA experience and MBiotech teamwork
• Exceptional critical thinking and problem-solving skills shown through robust troubleshooting of experimental procedures and data-driven agility in the lab

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Master of Science, Chemical Biology, University of Toronto, Class of 2019
• Recipient of Leslie Gladstone Cook Memorial Fellowship ($5000), based on academic merit
• Honours Bachelor of Science with High Distinction, Molecular Biology specialization and Chemistry minor, University of Toronto, Class of 2018 – Dean’s Honours List

EXPERIENCE AND QUALIFICATIONS

• Biomedical Data Analyst, BenchSci – Analyzed and categorized biomedical data from millions of scientific articles to train AI algorithms on labeling biological assays
• Pedagogical Research Assistant, University of Toronto – Aligned students’ misconceptions with curriculum maps to develop 4 concept assessment tools
• Teaching Assistant, University of Toronto – Liaised between instructors and teaching assistants to organize and execute course functions for 2 undergraduate classes (100+ students); planned and directed tutorials and lab sessions for 6 courses (24+ students)
• Pre-Production Associate, Hoya Vision Care – Led a cross-organizational project through collaboration with various departments and consultation with opticians, resulting in the reduction of lab errors by 10%, thereby granting accurate lens production
• Graduate Research Assistant, University of Toronto – Led 2 projects focused on the development of selective anti-cancer agents by reviewing literature, developing SOPs and troubleshooting experiments

PERSONAL INTERESTS

• Hiking, languages, puzzles, reading, science education and outreach
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Highly motivated, hard-working and detail-oriented individual
- Exceptional critical thinking and analytic skills honed from troubleshooting experiments, conducting scientific research and analyzing large datasets
- Strong project management skills developed from managing several ongoing projects, presentations and assignments with competing deadlines and priorities
- Excellent written and oral communication cultivated through writing reports and manuscripts, and delivering presentations at seminars and conferences
- A team player with a passion for learning, helping others and challenging oneself

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- Master of Science, Department of Molecular Genetics, University of Toronto, Class of 2020
- Honours Bachelor of Science with High Distinction, Molecular Genetics Specialization, University of Toronto, Class of 2016

EXPERIENCE AND QUALIFICATIONS

- GMCA miniMBA, University of Toronto – Worked in a team of four to deliver a business strategy and presentation to improve the business and management of Whole Foods Market after Amazon’s acquisition to a panel of industry consultants.
- Receptionist, Midland & Ellesmere X-ray and Ultrasound Clinic – Scheduled patients’ appointments. Clearly communicated the requirements and preparation for each examination. Assisted with OHIP, third party and out of pocket billing.
- Volunteer Tutor, Saturday Program, University of Toronto – Mentored and taught high school students in Math and Chemistry. Communicated difficult concepts in an understandable manner.

PERSONAL INTERESTS

- Travelling, singing, reading, calligraphy and baking
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Promoted strong communication and organization skills in a team environment to ensure efficient and smooth operation as an Optometric and Laboratory Assistant
• Skilled in presenting and technical writing with over 5 years’ experience, including the creation of a training document for medical physics graduate students in a hospital setting, as well as reporting scientific research in an academic setting
• Developed a strong global perspective with experience as a consultant and research assistant in Hong Kong, Shanghai, and Canada to achieve project deliverables
• Excellent independent learner with outstanding problem-solving skills, demonstrated through the self-learning of python coding for hereditary disease prediction with efficiency and effectiveness
• Trilingual in English, Cantonese, and Mandarin; Elementary in German

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science in Molecular Biology and Genetics with High Distinction, McMaster University, Class of 2020; Deans’ Honour Lists (2016-2020)

EXPERIENCE AND QUALIFICATIONS
• Consultant Contractor, ARNO Group – Coordinated project issue management across various cities in Canada including Toronto, Montreal, and Vancouver to ensure high quality deliverables and tight deadlines were met. Oversaw after-sales service regarding marketing displays and retail designs for retailers
• Senior Honours Thesis Project, McMaster University – Genomic Assessment of Mismatch Repair Genes in High Grade Serous Ovarian Cancer for the Prediction of Hereditary Cancer
• Teaching Assistant, McMaster University – organized and supervised 60 students in 1st and 2nd year biochemistry wet labs. Guided students in proper data collection, writing lab reports, and statistics
• Research Assistant, University of Hong Kong – Achieved over 90% purity from culturing and isolating receptors of H3, PR8, and SFTS virus in a Biohazard Level 2 environment at Prof. KY Yuen’s Lab. Collaborated with a team of researchers for downstream data analysis
• Youth Group Leader, Chinese Martyrs Catholic Church – Coached leadership skills for 200+ youths through prepared training and lessons. Used teamwork and interpersonal skills to organize community events such as charity fundraising and workshops

PERSONAL INTERESTS
• Badminton, cooking, Formula 1, PC building, personal finance and fitness, piano, and travelling
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent planning and time management skills demonstrated through the maintenance of Dean’s Honour List standing while committing to part-time work, volunteer positions, and extracurriculars
- Comfortable communicating with clients and customers through experience interacting with veterinarian clients regarding sample submission details at the Animal Health Lab
- Effective troubleshooting skills developed by conducting challenging research and diagnostic experiments throughout academic and professional experiences
- Strong verbal communication and leadership skills refined through experience training new students to conduct and understand various laboratory techniques at the Animal Health Lab

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- Bachelor of Science with Distinction, Honours Biological Science with a Minor in Biotechnology, University of Guelph, Class of 2020

EXPERIENCE AND QUALIFICATIONS

- Laboratory Assistant at the University of Guelph’s Animal Health Laboratory, Virology Department – Conducted diagnostic viral and bacterial screening on large numbers of samples and organized results using various software applications. Worked within a team to meet strict sample turn-around times
- Vector-Borne Disease Student at the Middlesex-London Health Unit – Worked in a team of students to reduce West Nile Virus vector species through larvicide water treatments. Carried out public education events to inform the community on how to protect themselves from West Nile Virus and Lyme Disease. Helped write and edit the Health Unit’s Vector-Borne Disease report
- Clinic Assistant at Canadian Blood Services – Provided information to University of Guelph students about donation eligibility and assisted in clinic organization and advertisement
- Conservation Services Intern at the St. Clair Region Conservation Authority – Assisted with the planning and execution of various local conservation projects including freshwater mussel relocation and the monitoring and controlled release of turtle species
- Administrative Assistant at G2G Driving Academy – Organized company customer information and license status by communicating with students, filing, and updating the MTO driver’s portal

PERSONAL INTERESTS

- Former member of the University of Guelph’s competitive tap dance team, “Tap Pak”
- Fishing, boating, kayaking, baking, researching virology/vaccines
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent communication skills developed through first-author publications and various symposium presentations.
- Dedicated to leadership and mentorship – experienced STEM tutor; committee member of Graduate Association Student in Physiology (GASP), University of Toronto; high school music instructor for 6 years.
- Proficient technical skills – critical/analytical thinking, mathematics, statistics and applicable software (Prism, Excel, R, Python, SPSS).

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022.
- Master of Science, Physiology, University of Toronto, Class of 2019.
- Honours Bachelor of Science with High Distinction, Physiology & Neuroscience, University of Toronto, Class of 2017; Dean’s List Scholar (2014-2017).

EXPERIENCE AND QUALIFICATIONS

- Graduate and Undergraduate Researcher, Brubaker and Belsham Labs, Department of Physiology, University of Toronto – Spearheaded 2 long-term projects using complex cell and animal models to study obesity-linked neuroinflammation, circadian disruption, and insulin resistance; published 3 peer-reviewed research articles, delivered more than 10 presentations at national and international conferences.
- Co-Founder, STEM & Leaf Tutoring – an online tutoring company delivering quality STEM education at the high school and undergraduate levels.
- Undergraduate Researcher, Ernst and Enenkel Labs, Department of Biochemistry, University of Toronto – Carried out an independent research project establishing T4 lysozyme as a standard for EPR intramolecular distance measurements.
- Resource Office Staff, Elections Ontario – Performed a multidisciplinary role including recruiting, data entry, payroll, and revision work.
- Music Instructor, St. Michael’s College School – instructed more than 70 students over 6 years in the competitive drumline, leading to 5 national championships.

PERSONAL INTERESTS

- Other interests: drumming, basketball, running, tabletop gaming.
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Able to effectively communicate scientific information orally, visually and in writing to various audiences
- Superior leadership abilities while also being a charismatic and inclusive team member
- Quick enthusiastic learner, capable of delivering high-quality work independently or part of a team
- Prepared a seminar presentation based on my undergraduate thesis project’s scientific findings followed by a questioning period by fellow peers and professors and received the top grade on this presentation among ~50 other students across various fields
- Assisted in developing front-end receiving, accessioning and viral RNA extraction workflows for processing of COVID-19 samples in a clinical diagnostic setting and contributed to risk assessments for test onboarding

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- Honours Bachelor of Science, Molecular Biology & Genetics, University of Guelph, Class of 2018

EXPERIENCE AND QUALIFICATIONS

- Medical Genetics Laboratory Technician, LifeLabs Medical Laboratory Services – Performed various pre-analytical lab work for various genetic assays including NIPT, COVID-19 testing, pharmacogenomics, nutrigenomics and hereditary variant confirmations
- Research Assistant, University of Guelph – Examined the role of a neurotransmitter receptor protein (NPY5R) in hypoxic human breast carcinoma cellular migration and proliferation in normoxic and hypoxic conditions
- Project Support Coordinator, Canadian Imperial Bank of Commerce (CIBC) – Created and distributed weekly variance reports for over 16,000 project tasks working on the second largest project in CIBC’s history (ECCO); managed and updated timeline spreadsheets and slide decks for upcoming project objectives and phases
- Fourth Year Representative, MBG Students Association, University of Guelph – Served as class representative for the Molecular Biology & Genetics major, gave announcements to classmates on MBG events and voiced student concerns to MBG Student Association; participated in senior student panels to advise first and second-year students on program-related questions
- College of Biological Science Roll of Distinction, University of Guelph – Received in four consecutive semesters for exemplary cumulative average in senior courses

PERSONAL INTERESTS

- Personalized medicine, urban planning, cycling, basketball, travel
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Diligent, highly motivated, excellent student (4-time Dean’s List Scholar 2017-2020)
- Strong research skills in clinical trial design and molecular biology developed through undergraduate thesis and research projects
- Excellent leadership, communication and teamworking skills enhanced through Resident Spirit Assistant role and undergraduate research projects
- Commended by supervisors and colleagues for superb work ethic, critical thinking skills and attention to detail as an undergraduate thesis student, science and mathematics tutor and facilitated study group leader

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- Honours Bachelor of Science with High Distinction, Biotechnology Specialist & Chemistry Minor, University of Toronto Mississauga (UTM), Class of 2020

EXPERIENCE AND QUALIFICATIONS

- Undergraduate Thesis Student, UTM – quantified the risk of clinical trial failure for new drug development in acute lymphoblastic leukemia (ALL). Examined whether clinical trial design choices including biomarker usage, drug mechanism of action and line of treatment reduced the risk of a clinical trial in the ALL indication.
- Undergraduate Research Assistant, Molecular Biology Laboratory, UTM – performed genetic crosses using fruit flies (Drosophila melanogaster) to recover the desired temperature-sensitive mutant phenotype; extracted RNA from Drosophila embryos.
- Private Science & Mathematics Tutor – provided weekly science and math tutoring for local high-school students and helped students increase their academic performance.
- Residence Spirit Assistant, UTM Student Housing & Residence Life – collaborated with 5 fellow student leaders to plan, market, implement and assess the residence-wide intramural program hosting both athletic and non-athletic events. Facilitated weekly team meetings.
- Facilitated Study Group Leader, UTM – led weekly facilitated study groups for 2 chemistry courses to foster collaboration and active learning among students. Received positive feedback from attendees on an improved understanding of the course material.

PERSONAL INTERESTS

- Basketball, tennis, volleyball, badminton, personal fitness, board games and playing the violin
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Strong foundation in research and scientific writing as a result of 3+ years as a research assistant which includes an honors thesis project and second-author publication
• Effective time management and multi-tasking abilities exemplified by balancing part-time work, research projects, and hobbies while achieving a 4.0 GPA in final year of undergraduate studies
• Track record of excellence demonstrated through multiple academic merit and research-based awards
• Excellent communication skills, both verbal and written, developed through conferences/symposiums, thesis project, seminars, journal clubs

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Merck Graduate Scholarship ($2,300) and Ontario Graduate Scholarship ($15,000) recipient based on academic merit and research contributions
• Honors Bachelor of Science, Biomedical Sciences, Ryerson University, Class of 2019
• NSERC Undergraduate Student Research Award (2-time recipient; $4,500), Dean’s List

EXPERIENCE AND QUALIFICATIONS

• Neuroscience Research Assistant, SickKids – Conducted research focused on understanding the neural and molecular mechanisms underlying social memory; prepared written reports of research findings, supervised and trained students conducting undergraduate research projects
• Cell Biology Research Assistant, MaRS Discovery District – Collaborated in a project that led to the discovery of a novel molecular mechanism used by immune cells to enhance cellular stress response, resulting in a peer-reviewed second author publication (doi.org/10.1371/journal.pbio.3000535)
• Market Research Recruiter, Quality Response – Oversaw numerous market research studies in which I recruited candidates primarily through telephone and e-mail communication to participate in in-person focus groups and online research studies, all while meeting recruiting targets
• Director of Events, Biomedical Science Course Union, Ryerson University – organized, promoted and executed a multitude of academic and social events. Over 5 events with 50+ individuals were executed successfully with regards to budgeting and student participation. Event promotion resulted in 15% more attendees compared to previous years.

PERSONAL INTERESTS

• Science Communication & Outreach, Board Games, Travelling, Graphic Design
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly motivated and determined individual with the ability to quickly learn, adapt, and take initiative in fast-paced work environments
• Strong communication and oral presentation skills, developed through academic, industry, and community experiences, exemplified by winning the best presentation in a Biotechnology and Drug Discovery course
• Exemplary teamwork, interpersonal, and active listening skills, honed through group projects and extra-curricular activities
• Proven leadership skills, demonstrated while acting as a mentor in both academic and work settings, as well as running a mentorship program for biochemistry students
• Demonstrated creative problem-solving and critical thinking skills to create innovative solutions in various courses, thesis projects, and while working at Janssen

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science, Biochemistry with a Biomedical Research Specialization (Co-op), McMaster University, Class of 2020
• Concurrent Certificate in Immunology, Microbiology, and Virology, McMaster University
• McMaster’s President’s Award, Deans’ Honour List (2016–2020)

EXPERIENCE AND QUALIFICATIONS

• Medical Sciences Intern (Co-op), The Janssen Pharmaceutical Companies of Johnson & Johnson – Developed Medical Science tools and resources to assist MSLs in shaping the medical narrative. Was a member of various cross-functional teams, often working with external vendors
• Honours Thesis Project, McMaster University – Investigated establishing a platform for the capture and expression of natural products in Actinomycetes, in the lab of Dr. Gerry Wright
• Laboratory Assistant (Co-op), SickKids Hospital – Responsible for determining and maintaining the genotypes of the mouse colony, in the lab of Dr. Cynthia Guidos
• Summer Research Student, University of Toronto Department of Medical Genetics – Performed a genetic screen to identify genes required for growth under stress in fungal pathogens, in the lab of Dr. Leah Cowen.
• Vice-President of Mentorship ‘Broteins’, McMaster Biochemistry & Biomedical Sciences Society – Facilitated a mentorship program for over 100 students, hosting social events and course review sessions.
• Peer Supporter, McMaster QSCC – Received mental health support and inclusivity training for the role

PERSONAL INTERESTS

• Cooking, Travel, Electoral Politics, Theatre, Television, Reading, and Community & Family Events
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Intrinsically motivated and dependable individual with a focus on self-development and a penchant to excel in challenging environments
- Exceptional communication and interpersonal skills exemplified through liaising with an interdisciplinary team in the establishment of a design validation program as a Clinical Research Assistant
- Exhibited strong time management and organizational skills to deliver timely and personalized client solutions ultimately resulting in enhanced client satisfaction at Medcan
- Outstanding ability to adapt to uncertain circumstances and shifting priorities highlighted by the impact of the COVID-19 pandemic on Medcan as a Client Success & Operations Coordinator
- McMaster's Honours Award Entrance Scholarship, University Senate Scholarship
- Bilingual – English & Russian

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- Honours Bachelor of Science with distinction, Biochemistry, McMaster University, Class of 2019
- Dean’s Honour List (2014–2019)

EXPERIENCE AND QUALIFICATIONS

- Client Success and Operations Coordinator, Medcan – Maintained a portfolio of 200+ mental health and dermatology patients and provided multifaceted administrative support for existing and new clientele
- Clinical Research Assistant, Laborie Medical Technologies – Collaborated with various departments in a cross-functional project to develop a proprietary design validation program for a next-generation urodynamic device
- Undergraduate Thesis Student, McMaster University Stem Cell and Cancer Research Institute – Investigated the role of an Autism Spectrum Disorder risk gene in a stem cell-derived neuron model to determine aberrant neuronal development mechanisms
- Marketing Student Associate, Exclusive Educational Consultants – Conducted a detailed market analysis and developed a structured and actionable marketing plan to increase revenue and customer retention
- Research Student, SickKids Research Institute – Analyzed phenotypic differences in an Autism Spectrum Disorder mutant stem-cell derived neuron model following a small molecule drug screen
- Junior Product Safety Officer, Health Canada – Diligently conducted product inspections and held compliance outreach workshops that promoted the importance of consumer product safety

PERSONAL INTERESTS

- Cosmetic art, travelling, board games, poetry and mental health activism
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Committed and reliable team member, with experience working in a range of dynamic teams including research lab groups, academic teaching teams, and an Evidence Synthesis team
• Ability to perform well under pressure and adapt to changing priorities of multiple project timelines in a fast-paced environment
• Exceptional project management skills developed through organizing community events, and prioritizing time and resources as a pharmaceutical consulting intern
• Dedicated and detail-oriented individual, with strong analytical skills cultivated through research experiences requiring extensive literature searches and data analysis
• Proactive and motivated individual, always open to new challenges and consistently seeking to improve through constructive criticism, setting goals, and independent learning

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Recipient of the Amgen Canada Fellowship in Biotechnology (2020–2021)
• Honours Bachelor of Science, Chemical Biology Co-op, McMaster University, Class of 2020
• Dr. H.L. Hooker Scholarship (2019), University Senate Scholarship (2017), McMaster President’s Award (2015), Dean’s Honour List (2016–2020)

EXPERIENCE AND QUALIFICATIONS

• Research Assistant, Cornerstone Research Group – Conducted systematic literature reviews and meta-analyses in chronic disease areas with the Evidence Synthesis team; Collaborated with Amgen Inc. to publish a review and scorecard on the burden of illness of osteoporosis in Latin America
• Honours Thesis Student, Magarvey Lab, McMaster University – Utilized a computational reductive strategy to identify novel chemistry of the human microbiome; Identified and isolated two novel metabolites from human lung bacteria
• Chemistry Lab Teaching Assistant, McMaster University – Organized and directed undergraduate chemistry labs, explained experimental theories and created a positive learning environment
• QC and Microbiology Assistant, Gum Products Intl. – Performed GMP-compliant microbiological and chemical analyses of food additives, while maintaining detailed records of results and data analyses
• Outreach Volunteer, Canadian Association for Girls in Science – Organized creative and educational STEM events for girls aged 7–16 to encourage their interest in the field

PERSONAL INTERESTS

• Volleyball, hiking, camping, baking, cake decorating, and event planning
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly ambitious with strong self-management skills learned through independently designing a model cancer patient drug progression using social media listening software. Also learned how to troubleshoot problems with data software.
• Reliable, committed, and hardworking team player who is willing to put in what it takes to get the desired results.
• Proven communication and interpersonal competence built through volunteering with patients in a hospital environment and working in the service industry.
• Excellent written and oral communications skills cultivated through numerous presentations and projects.
• Always willing to take on a challenge to learn and expand his horizons through getting involved in various projects, such as a recent start-up program for encouraging STEM and activity in youth.

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science in Biology for Health Science and Chemistry, University of Toronto – Class of 2020

EXPERIENCE AND QUALIFICATIONS

• Research Opportunity Program Student, University of Toronto – Conducted exploratory research with Crimson Hexagon (Brandwatch) in creating a theoretical model of monitoring patient progression through social media listening.
• Project Developer, Canadian Multicultural Inventors Museum – Worked in a small team to startup a STEM and physical activity, after-school program by helping develop curriculum, and liaising with various education developers.
• Pharmacy/Emergency Volunteer, St. Joseph’s Health Center – Created Excel dashboards for the monitoring of narcotics and waste movement within the pharmacy, as well as created a prototype newsletter for hospital staff regarding content within the pharmacy and assisted nurses.
• Biography Writer, Canadian Multicultural Inventors Museum – Promoted diversity and inclusion through written, edited, and proofread biographical pieces on various disabled inventors.
• Calculus Tutor – Created and ran a private tutoring service which involved creating content and implementing more effective methods of learning for students, resulting in all students achieving 75%+

PERSONAL INTERESTS

• Soccer, Personal Fitness, Reading, Video Games
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly self-motivated individual with valuable experience in research laboratories and clinical trial operations
• Excellent time-management and organizational skills cultivated through balancing a high-achieving academic career concurrent with extracurricular activities and employment
• Strong leadership and team skills developed over years of team-based projects, ranging from scientific collaborations to community-based initiatives
• Demonstrated ability to work according to regulatory documents such as SOPs and produce high quality results under minimal supervision
• Acquired strong communication and public-speaking abilities through years of customer service, teaching, and delivering presentations in academic or professional environments

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science with distinction in Chemical Biology, Minor in Psychology, McMaster University, Class of 2019

EXPERIENCE AND QUALIFICATIONS

• Clinical Assistant, Clantha Research – Performed screening diagnostics for the selection of clinical trial participants, prepared study related materials, assisted in the data-entry of study results, and coordinated participants during confinement periods to regulate restrictions and ensure protocol, SOP, and ICH GCP compliance
• Honours Thesis Project, McMaster University – Designed and conducted experiments to successfully validate the proposed interactions between protein kinase A (PKA) and phosphodiesterase involved in the termination phase of cAMP-mediated signaling, as evidenced by personal data acquisition
• Teaching Assistant, McMaster University – Organized and supervised first year undergraduate chemistry labs
• Events and Marketing Club Executive, McMaster University – Worked with a team of 11 to execute various fundraising and awareness events to support The Citizen’s Foundation, where profits and event turnouts exceeded previous years. Strategically promoted club events by preparing various marketing plans that maximized the club’s social media exposure and campus presence.

PERSONAL INTERESTS

• Filming and editing videos, TV shows/documentaries, personal fitness, and travelling
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly motivated, dedicated and detailed orientated individual
• Strong ability to quickly adapt and respond to new environments and challenges
• Exceptional organizational and time management skills developed through balancing of academics, extracurriculars, part-time work and volunteer activities
• Strong oral communication skills developed through research presentations, club leadership positions and customer service experience
• Ability to work efficiently independently and as part of a team demonstrated through individual lab performance and past work and volunteer experience
• Genuine team player ready to do any and all tasks needed for team and organizational success

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Bachelor of Science (Honors), Specialization in Biochemistry, Queen’s University, Class of 2020
• Deans Honors List 2017–2020

EXPERIENCE AND QUALIFICATIONS

• Undergraduate Thesis Student, Queen’s University – successfully completed an individual research project under Dr. Mark Ormiston at Queen’s University investigating the BMPR2 signaling pathway in pulmonary arterial endothelial cells
• Summer Research Assistant, Queen’s University – paid research placement at Queen’s University developing a protocol for siRNA mediated knockdown of receptors contributing to Pulmonary Arterial Hypertension within pulmonary arterial endothelial cells
• Logistics Coordinator and Treasurer, Queen’s Biochemistry Student Council – successfully created and updated the yearly budget, organized and executed the department wide clothing order and collaborated with 25 council members to execute events
• Horticultural Summer Student, Town of Oakville – assisted full time gardening staff in the creation and maintenance of horticultural displays found in town parks resulting in beautiful green spaces enjoyed by town victors and rehiring for two summers
• Cast member of the Vogue Charity Fashion Show, Queen’s University – collaborated with 150 other students to successfully put on Canada’s largest student run charity fashion show; raising over $180,000 for mental health, sexual assault awareness and at-risk youth social services over three years

PERSONAL INTERESTS

• Personal fitness, health and wellness, sustainable living, and social activism
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Exceptional communication and collaboration skills as demonstrated through professional projects and extracurricular involvement
• Professional project management skills exemplified in the successful management of 22 FCA dealerships
• Top-performing sales professional; consistently surpassed sales targets at FCA resulting in a year-over-year wholesale increase of 37% and retail increase of 9%
• Strong problem-solving and analytical skills developed through a thesis project and training conferences
• Chosen as one of two Canadian delegates to represent FCA Canada at the training institute in Detroit, Michigan
• Recipient of the Nustadia Recreation Scholarship (2018), Student Leadership Award (2018), Gary Polonsky Award for Excellence in Leadership (2018), Athletic Leadership Award for the Varsity Women’s Rowing team (2018), and the OUA All-Academic Award (2015–2018)

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• University of Ontario Institute of Technology – Bachelor of Science, Honours – Class of 2018

EXPERIENCE AND QUALIFICATIONS

• District Sales Manager at Fiat Chrysler Automobiles – successfully helped dealers surpass their retail targets by analyzing Polk reports, assisting with inventory management, and consulting on marketing strategies
• Marketing Representative at The Princeton Review – Promoted preparatory courses to students; surpassed online sales target by 200%; the largest increase across Canada
• Research Facilitator – led workshops about sexual health and consent with groups of female athletes as part of a Canada-wide initiative; reported results to head researcher
• Undergraduate Honours Thesis, Faculty of Chemistry at UOIT – Explored a more efficient and convenient method of synthesizing amino acid methyl esters
• Vice President on the Inaugural Ridgebacks Leadership Council – organized 2 successful charity fundraisers and 3 social events to promote inter-team relationship building
• Captain of the Men’s Varsity Rowing team – coordinated communication about practice timings, constructive criticism, social events. Led strategy meetings and developed game plan for regattas

PERSONAL INTERESTS

• Softball, basketball, rowing, curling, camping, and swimming
• Reading crime fiction, listening to music, playing board games and video games
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Strong aptitude for collaboration through undergraduate and industry experiences in team settings at Eye Associates of Don Mills, RBC Capital Markets, and The Hospital for Sick Children
• Proven analytical skills cultivated by organizing and creating detailed reporting on RBC Research clientele as part of a detailed due diligence and account review project
• Excellent interpersonal skills built by working in a fast-paced, customer service centered optometry office
• Highly adaptable and resourceful with quick learning capabilities developed through years of work experience in the business and healthcare sectors
• Extensive project management and leadership ability demonstrated through developing, managing, and executing large campaigns as an executive member in multiple student clubs in undergrad.

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Bachelor of Science, Honors Specialization in Biology, Western University, Class of 2019

EXPERIENCE AND QUALIFICATIONS

• Ophthalmic Technician, Eye Associates of Don Mills - Worked alongside optometrists and opticians to provide direct care to patients by conducting pre-testing examinations, medical histories, and treatments
• Data Management Associate, RBC Capital Markets - Supported strategic performance management initiatives from senior management, liaised with various vendors and internal resources to ensure client information in internal CRM system was accurate
• Vice-President of Communications, Active Minds Western, Western University – Worked with other club portfolios to plan logistics for club events, online campaigns, and collaborations with internal and external parties to advocate for changes to be made for mental health on campus
• EMR Support Intern, The Hospital for Sick Children - Independently developed an in-depth understanding of Sickkids’ new electronic medical record-keeping system, Epic, and provided in hospital help to surgeons, nurses, and medical lab technologists on how to properly incorporate the system into their current workflow
• Project Coordinator, Solo Build Design - Developed and monitored custom home project timelines and budgets to ensure projects were delivered on time, within scope, and met overall client satisfaction

PERSONAL INTERESTS

• Painting
• Board Games
• Fashion
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent project management and scientific communication skills developed through experience as a research assistant working on simultaneous projects
- Highly flexible in the face of setbacks with innovative problem-solving skills honed through experience as a live audio technician
- Practical leadership and team-based competencies built through volunteering as a leader at a community youth drop-in center
- Strong attention to detail, commitment to excellence, and analytical skills exemplified through an exceptional academic record and research experience
- Proven organizational and communicative skills developed through work as an administrative assistant at a psychology clinic

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- Honours Bachelor of Science with Distinction in Biochemistry, University of Alberta, Class of 2019; The Dean’s Silver Medal in Science recipient

EXPERIENCE AND QUALIFICATIONS

- Research Assistant, Macauley Lab – Research lead in a collaborative project for the identification of immuno-oncological therapeutic agents and assisted development of a library of next-generation Siglec-Fc constructs for the study of glycan ligands
- Live Audio Technician – Worked with clients to strategically plan audio needs for live events such as concerts, weddings, or graduations; in collaboration with stage talent and technical teams, mixed front-of-house audio for events with upwards of 800 guests
- Administrative Assistant – Performed client intake, scheduling, and transactions while assisting psychologists with the preparation of confidential client files
- Leader at SideDoor Community Youth Centre – Helped create a safe place for community youth to grow and develop outside of school with friends and supportive adult figures
- Vice President Internal, University of Alberta Biochemistry Students’ Association – Coordinated grant applications and successfully obtained funding for club events

PERSONAL INTERESTS

- Live audio engineering and audio-visual production
- Community youth outreach
- Music, writing
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Dedicated and hardworking individual with a passion for learning and discovery, particularly in the fields of biotechnology and biopharmaceuticals
• Advanced problem solving, organization, and time management skills honed through the efficient completion of laboratory experiments as a research assistant at the University of Toronto and SickKids Hospital
• Excellent reading, writing, and oral communication skills acquired through the analysis of scientific journal articles, writing of laboratory reports, and delivery of presentations in both academic and workplace settings
• Driven team player with extensive experience collaborating in dynamic teams, both in laboratory workplace settings and as a student in the Master of Biotechnology program
• Recipient of the 2020 Merck Graduate Scholarship in Biosciences and Biotechnology based on academic merit

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science in Life Sciences (Co-Op), summa cum laude, McMaster University, Class of 2019

EXPERIENCE AND QUALIFICATIONS

• Growth Factor Purification Research Assistant, University of Toronto – Prepared high purity samples of growth factor proteins with the overarching goal of identifying alternative growth factors fit for animal source-free clean meat production
• Learning & Development Co-Ordinator, United Cleaning Services – Acted as a primary point of contact for the L&D department, efficiently answering questions regarding training program requirements and maintaining accurate records of completed and missing training documents on Salesforce online platform
• Protein Purification Research Assistant, University of Toronto – Prepared high purity protein samples and initial protein crystallization screens of proteins involved in bacterial antibiotic resistance to assist senior laboratory technicians in the 3D protein structure determination process, contributing directly to solving the structures of 7 bacterial proteins
• Co-Op Research Student, SickKids Hospital – Studied the principles of appetitive and aversive taste memory through observation of mouse models’ food and liquid consumption and the use of state-of-the-art in vivo and ex vivo brain imaging technologies

PERSONAL INTERESTS

• Soccer, volleyball, personal fitness, reading, and travel
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly motivated and innovative team-player with a background in immunology research and a passion for medical biotechnology
• Excellent communication and problem-solving skills refined through years of experience in mentorship, patient care, and customer service roles
• Strong project management and leadership skills as demonstrated through the successful coordination of large-scale events for various community and student organizations
• Awarded Western University’s Continuing Admission Scholarship ($10,000) and the Labatt Breweries of Canada Scholarship ($6,000) for academic excellence
• Experience with Python, Java and C programming languages

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Bachelor of Medical Science, Honours Specialization in Microbiology & Immunology, Western University, Class of 2020; Dean’s Honour List (2015–2020)

EXPERIENCE AND QUALIFICATIONS

• Immunology Honours Thesis Project, Western University – Managed an independent research project focused on designing and expressing a chimeric antigen receptor targeting the latent HIV reservoir. Delivered an oral presentation at the Western Student Research Conference.
• President of the Romanian Students Association, Western University – Successfully led a team of executives while organizing social events promoting Romanian culture. Facilitated strategic team meetings and oversaw the organization’s finances.
• Outreach Supervisor, Thames Region Ecological Association – Took on a primary role in organizing an event educating over 300 community members about environmentally sustainable practices. Acted as a liaison between organizations, initiated social media campaigns, and trained volunteers.
• Geriatric Psychiatry Program Volunteer, St. Joseph’s Health Care London – Developed leisure activities for patients and frequently coordinated with hospital staff to ensure activities met current patient needs.
• Academic Mentor, Western University – Mentored 12 undergraduate students in the Medical Sciences program, helping them identify their individual goals and develop targeted action plans to achieve academic success. Collaborated with other mentors to organize networking events for mentees.

PERSONAL INTERESTS

• Painting, Hiking, Piano, Baking
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Dedicated and proactive leader who is adaptive to changing priorities in a fast-paced environment.
• Dynamic public speaker with exceptional ability to effectively communicate to diverse audiences; acquired through poster presentations, seminar debates and facilitation of groups of 25+ people.
• Excellent time management and organizational skills demonstrated by successfully balancing academics, extracurricular activities, and part-time employment.
• Determined and goal-oriented individual with the ability to work in both independent and team-based settings as illustrated as a student in the Master of Biotechnology program.
• Strong critical thinking and problem-solving skills demonstrated by the completion of an undergraduate thesis project in Plant Biology.

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science, Double Major in Molecular Biology, Immunology and Disease and Neuroscience, University of Toronto, Class of 2020
• University of Toronto Dean’s List (2016 –2020), Graduated with High Distinction, 2020

EXPERIENCE AND QUALIFICATIONS

• Undergraduate Thesis Project in Plant Biology, University of Toronto – Investigated differences in cell death rates induced by hydrogen peroxide of various annual, perennial, and evergreen plants.
• Community STEM Club Facilitator, Visions of Science – Facilitated a positive learning environment for students. Simplified complex STEM concepts to groups of 8-15 students and encouraged critical analysis of these concepts through experiments.
• Research Assistant, The Laboratory for Infant Studies – Organized, collected, and documented data from numerous studies into the appropriate laboratory databases. Recruited and signed up participants for various experiments and collaborated with the manager to set up experiments.
• Get Started Coach, University of Toronto – Executed orientation activities with groups of 8 – 20 prospective students. Presented personal experiences and perspectives on student success at UTSC to large audiences of students and parents (30-150).
• Executive Event Director, Regenesis UTSC – Organized creative events which addressed environmental issues. Attended biweekly meetings and managed multiple projects prioritizing them based on upcoming timelines.

PERSONAL INTERESTS

• Carnatic Music, Singing, DIY projects, Camping, Skiing, and Swimming.
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Exceptionally dedicated, inquisitive, meticulous and adaptable individual striving for excellence with an earnest interest in discovering solutions to dynamic problems
- Developed excellent analytical research skills by conducting various individual and collaborative experiments in molecular biology and pharmacology leading to university and national research awards
- Proficient written and verbal communication skills cultivated as a researcher, club president, peer mentor and study group leader through scientific and professional writing in addition to public speaking
- Founded and led a cultural club and enhanced teamwork skills in synergy with various clubs to execute educational, social and charitable events
- Mentored younger students to excel in academics and other aspects of student life by hosting large study groups and interactive social events

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- Honours Bachelor of Science (High Distinction), Major in Biology for Health Sciences and Double Minor in Chemistry and Psychology, University of Toronto Mississauga, Class of 2020
- Dean’s List Scholar (2016-2020), NSERC USRA, Undergraduate Research Grant, Student Recognition Award of Achievement, Principal’s Involvement Award

EXPERIENCE AND QUALIFICATIONS

- Undergraduate Researcher, Dr. Short’s Aquatic Virology Lab, UTM – Gained 2 years of valuable experience in fundamental and advanced molecular techniques (NSERC USRA recipient, ROP and thesis student)
- Independent Research Project, Gerlai Behavioural Genetics Lab, UTM – Conducted pharmacological studies on zebrafish as the model to identify drug induced behavioural and neurochemical changes
- Founder and President, Tamil Students’ Association, UTM – Promoted Tamil culture by hosting over 15 cultural and non-cultural events to further diversify campus life and conducted over 5 fundraisers to aid individuals in developing countries
- Peer Mentor, Accessibility Services, UTM – Provided leadership, guidance, and support to students and served as a positive role model by engaging in academic and social activities with mentees regularly
- Sales Associate and Brand Ambassador, Banana Republic – Over the span of 2 years, enhanced professional skills and developed strong sales strategies resulting in top sales

PERSONAL INTERESTS

- Basketball, martial arts, health and fitness, music & travelling
- Community involvement, mentorship, personal development, finance & entrepreneurship

Where science meets business.
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Highly-motivated and solution-oriented individual passionate for adapting to novel challenges individually and in a team setting
• Highly resilient individual able to multi-task in fast-paced environment with a strong attention to detail
• Effective communication skills gained through interacting with physicians, nurses and patients in a hospital/long-term care environment for 3+ years
• Proficient in Python and R computer programming languages as applied to 4th year undergraduate thesis
• Excellent oral and written communication in English and French

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honour’s Bachelor of Science, Specialization in Biology (High Distinction), McMaster University, Class of 2020. Dean’s Honour’s List

EXPERIENCE AND QUALIFICATIONS
• Honour’s Thesis Student, McMaster University – Conducted an independent study on how the inhibition of matrix metalloproteinase-2 function affects extracellular matrix remodeling in Drosophila melanogaster.
• Lab Set-up Technician, McMaster University – Efficiently prepared the set-up and takedown of skills labs to facilitate smooth lab transitions. Swiftly and confidently provided IT support in lecture halls holding 300+ students
• Volunteer Leader for Hospital Elder Life Program, Hamilton Health Sciences – Trained new volunteers to ensure they skillfully provide care to elderly patients. Updated detailed documentation, lead range-of-motion exercises and orienting conversations in six hospital wards to prevent delirium onset.
• Volunteer, Shalom Village Retirement Home – Multi-tasked between various administrative duties at the reception desk while greeting newcomers in a professional manner. Lead one-on-one visits to physically and cognitively-impaired seniors to assist with daily tasks, facilitate friendly conversation, and accompany them on various outings
• Sub-Director, McMaster Arthritic Foundation, McMaster University – Implemented and organized information sessions and fundraisers hosting 70+ people to spread awareness of Arthritis to the McMaster community

PERSONAL INTERESTS
• Computer Programming, Cuisine, Documentaries, Live music
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Personable, committed, and resilient individual passionate for pharmaceuticals and patient care that aims for the highest standard of excellence.
• Diverse knowledge and in-depth understanding of the pharmaceutical industry gained through several co-op positions: research and development intern at Amgen, a clinical research associate at the Firestone Institute for Respiratory Health, and research projects.
• Collaborated with Boehringer Ingelheim, GlaxoSmithKline and Alkermes for pre-clinical and investigational drug studies with the Ask Laboratory.
• Obtained co-authorship on publication in British Medical Journal which aimed to look at mast cell degranulation and its role in the pathogenesis of pulmonary fibrosis.
• Excellent communication and leadership skills cultivated through years of molecular biology teaching assistant and residence community advisor experience.

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Health Science, Biology & Pharmacology Co-op, McMaster University, Class of 2020 – Deans Honours List

EXPERIENCE AND QUALIFICATIONS

• Research and Development Intern, Amgen – Gained extensive pharmaceutical research and commercialization experience in therapeutic areas involving immuno-oncology and metabolic disorders.
• Clinical Research Associate – Ask Laboratory, Firestone Institute for Respiratory Health – Researched and analyzed studies and medical data on Idiopathic Pulmonary Fibrosis (IPF) and worked on pre-clinical trials for various pharmaceutical collaborations.
• Molecular and Cell Biology Teaching Assistant, McMaster University – Tutored, lead student wet-lab related exercises and graded student lab reports.
• Undergraduate Thesis Student – Ask Laboratory, McMaster University – Undergraduate thesis worked to generate a human tissue microarray (TMA) to evaluate the pathological differences in various interstitial lung diseases.
• Residence Community Advisor, McMaster University – Worked to promote and enhance student community, wellness, health, and planned student events.

PERSONAL INTERESTS

• Hiking, collecting vinyl records, watching hockey and personal fitness
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly optimistic, adaptable and positive individual with a proven ability to produce quality work amidst the evolving circumstances faced during undergrad and the current pandemic
• Strong set of soft skills, mainly surrounding observation, active-listening and flexibility as developed through academic tutoring, teamwork, and professional collaborations respectively
• Valuable customer service skills pertaining to the pharmaceutical and retail sectors, with the ability to uphold company values without compromising customer satisfaction
• Outstanding prioritization and multi-tasking skills developed throughout senior years as well as MBiotech
• Proficient in communicating complex scientific concepts in a simplified manner to promote comprehension, developed over years of delivering academic and professional presentations
• Excellent writing and artistic skills developed as secondary author for a 2019 review manuscript in Mitochondrion (DOI: 10.1016/j/mito.2019.06.033

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science with distinction in Biomedical Sciences, University of Ottawa, Class of 2019

EXPERIENCE AND QUALIFICATIONS

• Pharmacy Assistant, Jean Coutu – prepared prescriptions requiring high levels of detail and efficiency under a dynamic environment; independently managed the ordering and PARATA-filling of over 100 “fast-movers”
• Honours Thesis, University of Ottawa – generated an extensive ACh receptor subunit phylogeny, consisting of 260+ representative paralogs. Used bioinformatics and alignment tools to decipher the structure-function relationship governing subunit compatibility
• NSERC–USRA Research Student, University of Ottawa – developed a strong set of practical molecular biology and cell culture skills while producing several oral/poster presentations
• Undergraduate Research Opportunity Program (UROP), University of Ottawa– independently preformed a literature review in anesthesiology to evaluate the robustness of the statistical significance; gained valuable communication and self-motivation skills by proactively organizing a research schedule to meet deadlines
• Undergraduate and High School Tutor – taught a variety of math and science classes during weekly one-on-one sessions and small groups. Greatly improved student academic success with significant changes in the student’s work ethic and self-confidence.

PERSONAL INTERESTS

• Mentoring and tutoring, professional growth, DIY projects, travelling, and outdoor sports
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Highly disciplined individual with flexible work ethic capable of functioning in both independent and team settings
- Strong written and oral communication skills obtained through report writing and presentations at Sanofi Pasteur in multiple departments
- Exceptional time management skills with the ability to adapt to differing priorities
- High self-awareness and ability to accept constructive criticism with a positive attitude learned through personal and professional experiences
- Excellent leadership skills demonstrated in a community involvement project where the Guinness World Record for the Longest DNA Model was broken by Ryerson University
- Fully understand the importance of data integrity, GDP, and GMP

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- Honours Bachelor of Science, Biomedical Sciences, Ryerson University, Class of 2020
- Dean’s Honours List, 2014-2020, Ryerson University

EXPERIENCE AND QUALIFICATIONS

- Contamination Control Intern in Quality Operations Sterility Assurance, Sanofi Pasteur – Developed a quality mindset from the Environmental Monitoring program, drafted and completed various reports requiring trend analysis and data management on the health of buildings site-wide, and assisted in FDA and Health Canada inspections
- New Vaccines Co-op Student in Manufacturing Technology, Sanofi Pasteur – Assisted with design and execution of studies related to product characterization, investigation of ALPO4 as an adjuvant, and assisted in a site-wide risk assessment of a cleaning validation study
- Chemical Analyst, Swift Medical – Designed and conducted laboratory work to create biological phantoms (skin-resembling entities) for research purposes and performed stability studies to measure phantoms’ health
- Research Assistant, St. Michael’s Hospital and MaRS Discovery District – Conducted lab experiments to analyze cell membrane receptors using SDS-PAGE and Western Blotting
- Tutor, Braeburn Boys and Girls Canada – Tutored students in Math, Physics, Chemistry, and Biology

PERSONAL INTERESTS

- Chess, photography, gardening, Competitive gaming (Call of Duty and Overwatch), travelling, sports in general, camping, hiking
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly motivated and ambitious with a strong work ethic, eager to learn and challenge myself
• Exceptional organization and time management skills developed through balancing undergraduate education and a demanding varsity hockey schedule
• Excellent communication and leadership skills developed through professional work and athletic experiences
• Proven team player excited to seek out and take on new opportunities
• Four year member and Captain of the University of Toronto Varsity hockey team
• U-Sports Academic All Canadian 2016-2020, Tanenbaum Scholarship, Tom Watt Men’s Hockey Award of Merit, John E Akitt Men’s Hockey Scholarship, Ace Baily Leadership Award

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science, Double Major in Biochemistry and Global Health, University of Toronto, Class of 2020 with High Distinction
• University of Toronto’s Dean’s List 2016-2020

EXPERIENCE AND QUALIFICATIONS

• Nutritional Science Summer Research Student, L’Abbe Lab at the University of Toronto – Statistically analyzed the healthfulness of over 8,000 Canadian food products displaying natural and organic claims, planned and executed research and statistical comparison of products, successfully developed and communicated my research findings
• ASAP Tutor, University of Toronto – Aided fellow varsity athletes in a variety of science subjects including chemistry and biochemistry, helped students understand and solve issues while engaging them in the learning of, and comprehension of the material
• Operation Coordinator, Golf Canada – Oversaw operations involved with Canada’s only PGA and LPGA events, supervised and managed a crew on different facets of the tournaments, coordinated with all essential personnel of the championships including volunteers, business suppliers, and players
• Volunteer with the Blues Buddy-Up Program – Mentored grade school youth within the community showing them the value of sport and promoting healthy living through participation in physically activity

PERSONAL INTERESTS

• Sports, Personal fitness, Cooking, Travelling, Global health
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly motivated and results oriented, with the ability to work individually and collaboratively with teams.
• Excellent interpersonal and problem-solving skills developed by communicating with clients, resolving client concerns/issues, and interacting with colleagues.
• Exhibited strong written and oral communication skills through producing a successful thesis and presenting findings at the QUBS (Queen’s University Biological Station) Annual Meeting, the Friesen Lab Journal Club, and the Queen’s University Thesis Poster Day.
• Outstanding organizational and time management skills developed through managing a successful academic career, along with part-time employment, voluntary opportunities, and extracurricular activities.
• Enhanced statistical analysis and computational proficiency through undergraduate honours thesis project using “R” software program for bioinformatics dataset analysis.

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science, Major in Biology, Queen’s University, Class of 2020
• Certificate in Entrepreneurship (In Progress), Queen’s University
• Dean’s Honour List, Queen’s University, 2019-2020

EXPERIENCE AND QUALIFICATIONS

• Undergraduate Honours Thesis Project, Friesen Lab, Queen’s University – Investigated the spatial genomic patterns in Black Guillemots (Arctic seabird) and their changing environment due to climate change, by conducting an environmental association analysis.
• Biology Departmental Student Council Treasurer, Queen’s University – Managed and tracked budget for the Queen’s Biology Departmental Student Council, performed bookkeeping duties, managed expenses, and managed budget for fundraising events.
• Recreation Center Manager, Pro-Recreation Management – Managed the daily operations of a pool/recreation center, in charge of ensuring safety and security of patrons, and maintained smooth operation of the facility.
• Entrepreneurial Venture, Swim Instructor Coordinator – Developed a marketing strategy for swimming lessons through canvassing the local area, generating pricing structure, organizing instructor schedules, and creating customized swimming curricula.

PERSONAL INTERESTS

• Sports (Swimming, Golf, Hockey, Tennis), Travelling, Community Involvement, and Film.
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly motivated and result-driven individual keen to accept challenging opportunities in the biopharmaceutical industry
• Strong organization and time management skills developed by overseeing research symposiums and workshops as part of a student-led organization
• Exhibited detail-oriented abilities and dedication by completing a senior thesis in a time-sensitive manner
• Demonstrated collaborative and teamwork skills by working effectively in teams at the undergraduate and master’s level
• Built strong written communication skills by producing a review article that received a positive evaluation from thesis supervisor and fellow lab members

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science, Biochemistry, McMaster University, Class of 2020
• Deans’ Honour List (2017–2020) and graduated with highest distinction

EXPERIENCE AND QUALIFICATIONS

• Undergraduate Thesis Student, Zhang lab, McMaster University- Developed and trained a machine learning algorithm, as a team, to recognize the presence of a lumen in spheroids to determine whether effects of cytotoxic drugs can be determined by studying cell morphology at scale
• Project Coordinator, McMaster STEM Fellowship- Worked as part of the executive team to recruit judges and mentors, organize workshops, and plan research conferences for undergraduate students to present new research
• Student Volunteer, PACE, McMaster University- Assisted individuals with spinal injuries in performing exercises to maintain and improve physical fitness. Worked with other volunteers and staff to create a positive and supportive environment for all clients
• Peer Mentor, Biochemistry Student Society, McMaster University- Mentored lower year students in transitioning and succeeding when entering the Biochemistry major

PERSONAL INTERESTS

• Observing capital markets, basketball, tennis, cooking, astronomy
SUMMARY OF SKILLS AND ACHIEVEMENTS

• A highly driven and innovative individual adept in teamwork as demonstrated through two separate interdisciplinary undergraduate research projects in impactful areas of microbiology and genetics
• Strong project management and event planning skills developed through two independent research projects and as the sole producer and host of a highly profitable monthly variety show
• Proven interpersonal and communication skills built through presentation to, and collaboration with interdisciplinary colleagues, as well as various extracurricular activities
• Excels in fast paced environments, through dedication and organizational skills is able to execute multiple high demand project at once while maintaining an exceptional academic record
• IMI Graduate Student Committee (GSC) Junior Representative for the MBiotech Program

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honors Bachelor of Sciences – First Class Honors in Microbiology, University of Alberta, Class of 2020
• Recipient of the Bill Paranchych Memorial Scholarship in Cell Biochemistry

EXPERIENCE AND QUALIFICATIONS

• Honors Thesis Student, Dennis Lab, University of Alberta – Conducted a multifaceted research project on the bacteriophage (phage) of the *Burkholderia cepacia complex (Bcc)*, handled high volumes of data to determine the host ranges of 12 phage and developed a novel procedure to delete phage gene segments for use as an antimicrobial therapy for Bcc infection in Cystic Fibrosis patients
• Undergraduate Research Assistant, Sauvageau and Stein Labs, University of Alberta – Orchestrated an investigation into the bacteriophage of methanotrophic bacteria, developed innovative techniques to increase productivity leading to the discovery and classification of 6 novel bacteriophage
• Volunteer, University of Alberta Students Union (UASU) – Facilitated events organized by the UASU; lead 20+ students through orientation week and worked with a team to ensure various events success
• Show Producer, Evolution Wonderlounge – Produced and hosted a monthly event which maximized profitability for the event and the venue. Creating a unique and exciting event for hundreds of attendees
• Programming Staff, Calgary Society of Community Opportunities – Provided daily support, programming, and mentoring to adults with mild to severe developmental disorders

PERSONAL INTERESTS

• Arts & Music, Cooking, Running & Hiking, Entrepreneurship, Personal Development, Event planning.
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Exceptional communication skills obtained through delivering scientific and medical information to researchers, patients and physicians using reports, posters and presentations at meetings and conferences
• A collaborative team member demonstrated through providing key contributions to large scale research projects and delivering tangible results with consistent leadership attributes and interpersonal relationships
• Strong analytical and problem-solving abilities used to present evidence-based conclusions generated from large data computational analyses at project meetings and in peer-reviewed publications
• Developed a wide array of technical skills including Microsoft Office (Word, Excel, PowerPoint), Adobe Illustrator, GraphPad Prism and programming languages R and Excel VBA

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Master of Science, Faculty of Medicine, Molecular Genetics, University of Toronto, Class of 2019
• Competitive federal and provincial graduate scholarships awarded, including Ontario Graduate Scholarship Program – 2018/2020 ($30,000 in total), Canadian Institutes of Health Research (CIHR) – Frederick Banting and Charles Best Canada Graduate Scholarships – 2017 ($17,500) and Faculty of Medicine Merit Entrance Scholarship – 2016 ($2,000)
• Honours Bachelor of Science, Cell and Molecular Biology Specialist, University of Toronto, Class of 2016

EXPERIENCE AND QUALIFICATIONS

• Master of Science Thesis, Moffat Lab, University of Toronto – Designed and conducted therapeutic discovery in patient glioblastoma cell lines using experimental and analytical approaches. Conducted exhaustive literature searches and interpreted datasets to provide evidence-based conclusions to stakeholders. Contributions resulted in 3 high-impact co-authorship publications including Nature (in press), G3: Genes, Genomes, Genetics (2017) and Science (second co-author, under review)
• Research Technologist, Donnelly Centre – Pitched a research proposal to an industry partner (PTC Therapeutics Inc.), raising $100K for a therapeutic discovery project in medulloblastoma
• Scientific Advisor, Genecis Bioindustries Inc. – Delivered an elaborate scientific proposal based on bacterial genomic engineering, successfully raising $250K for the Synthetic Biology Platform from granting agencies
• Undergraduate Thesis, Poussier Lab, Sunnybrook Health Sciences Centre – Awarded the Davis + Henderson Sunnybrook Research Institute Award for two consecutive years ($6,400) to conduct research on repurposing maraviroc for type 1 diabetes in a preclinical mouse model and presented a research poster

PERSONAL INTERESTS

• Innovation and start-ups, volleyball, basketball, badminton, piano, mentorship, health advocacy
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Values-driven professional and committed to life-long development and opportunities to solving challenging problems in industry
- Results-driven and demonstrates excellent project management through completing a research project in 8 months, resulting in authorship on a publication
- Highly adaptable and reliable individual - able to work independently and cohesively in team environments exemplified through undergraduate research positions
- Strong work ethic and time management skills acquired through managing Co-op and school, while maintaining academic excellence
- Exceptional critical thinking skills with a passion for learning developed through problem and case-based learning courses

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
- Honours Bachelor of Health Sciences, Biology & Pharmacology Co-op, McMaster University, Class of 2020. Dean’s Honours List

EXPERIENCE AND QUALIFICATIONS

- Senior Honours Thesis Project, Michael G. DeGroote Institute for Pain Research and Care – Collaborated with researchers to determine the anti-hyperalgesia and anti-inflammatory properties of THC and CBD (10.1371/journal.pone.0234176)
- Research Assistant, McMaster University – Conducted independent research, designed and oversaw animal behaviour testing and histological analysis
- Research Assistant, University of Toronto – Performed in vitro experiments to investigate the rescue of dopamine transporters as a treatment for Parkinson’s disease
- Discovery Project, McMaster Immunology Research Center – Conducted research and experiments as a team on the influence of age and the microbiome on the colonization of the upper respiratory tract by *Streptococcus Pneumonia*
- Social Media Strategist, Canadian Obesity Network – Conducted evidence-based research to eliminate misconceptions related to health and nutrition, and shared educating content on various social media platforms.

PERSONAL INTERESTS

- Running, squash, hiking, cooking, and baking/trying new recipes
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Reliable and committed team player who thrives in a dynamic, fast-paced work environment
• Extensive project management experience including monitoring recruitment goals and study timelines, organization of scientific events, leading on-boarding training and implementing pilot projects
• Outstanding written and oral communication skills honed through contributions towards grants and reports, academic and professional presentations, and cross-functional collaboration
• Effective time management and organizational skills demonstrated through balancing course work, research, and extracurricular activities while achieving a 4.0 GPA in final year of undergraduate study
• Highly motivated individual who is determined to meet and exceed expectations, translating to strong performance both academically and professionally

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science in Biology with Distinction, McMaster University, Class of 2018
• Provost Honour Roll (2017-2018), Dean’s Honour List (2016-2018)

EXPERIENCE AND QUALIFICATIONS

• Clinical Research Project Coordinator, The Hospital for Sick Children – Collaborated with over 30 primary investigators worldwide to facilitate recruitment of pediatric stroke patients, and managed database of ~250 participants for the NIH funded study.
• Clinical Research Project Assistant, The Hospital for Sick Children – Implemented a Class III medical device and coordinated a symposium attracting 80 attendees to launch the research initiative. Developed study related documents for research ethics board application submissions.
• Undergraduate Research Assistant, McMaster University – Investigated processes underlying cellular quiescence through wet lab experimentation and data analysis.
• Advanced Medical First Responder, St. John Ambulance – Attended public events across Ontario providing casualty care necessary to prevent further injury.
• Outreach Volunteer, Let’s Talk Science – Worked independently and as a team to lead educational STEM workshops in classrooms, community groups and hospitals.
• Medical Documentation Coordinator, Direct IME – Interpreted and reviewed patient medical records for accuracy and completeness, and assembled documentation into electronic medical briefs for assessors.

PERSONAL INTERESTS

• Cooking, baking, hiking, community involvement, and neuroscience.
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Highly motivated, solution-oriented individual with a strong scientific background and experience working in corporate, clinical and academic operations
• Effective verbal and written communicator demonstrated through the completion of an honours thesis, presentation of results at weekly lab meetings and participation in journal club discussions
• Proven problem-solving and analytical abilities derived from troubleshooting experiments, translation of raw experimental data into quantitative insights, and simplification of complex STEM concepts to facilitate appropriate age-adjusted teaching
• Dynamic team player with excellent time management skills refined from collaborating on multiple projects with competing priorities in the workplace and academia

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2022
• Honours Bachelor of Science, Molecular Biology & Genetics Co-Op, McMaster University, Class of 2020
• Deans’ Honour List, 2018-2020

EXPERIENCE AND QUALIFICATIONS
• ASPIRE Intern, Toronto Finance International – Supported a cross-functional team on the launch and implementation of an online learning simulation and the execution of a 3-day business development conference attended by over 50+ students and industry experts
• Clinical Embryology Co-op Student, Anova Fertility – Maintained over 100+ patient files on the Accuro EMR system and provided administrative support within the nursing and embryology departments
• Honours Undergraduate Thesis, Richards Lab, McMaster University – Conducted a study on the regulation of gp130 cytokines in response to influenza infection in murine models
• Research Assistant, Richards Lab, McMaster University – Collaborated with a Masters’ student with the investigation of the regulation of FIZZ1 in response to Th2-skewed inflammation in murine lung, resulting in co-authorship of a journal publication in Cells
• Program Coordinator, STEM Camp – Trained and supervised a team of 5 counsellors to lead camp programming and inquiry of STEM concepts to a group of 50 campers aged 5-13

PERSONAL INTERESTS
• Hiking, podcasts, travelling, trying out new restaurants
University of Toronto Mississauga
www.mbiotech.ca

For more info:
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