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DIRECTOR’S MESSAGE

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.

Commencing this academic year, our new Digital Health Technologies (DHT) stream prepares a new generation of professionals working in healthcare with a curriculum that has three main pillars: data science, healthcare regulation and business training. Students learn an eclectic array of skills to tackle problems in the healthcare industry such as: machine learning, coding, data visualization, data cleaning, web design, medical device reimbursement, social media analytics and healthcare product regulation. Candidates for the DHT stream have some knowledge of the life sciences coupled with evidence of a strong aptitude for analyzing data.

Nazeem Shamsuddin, our Internal Relations Manager, 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.

### 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  
Internal Relations Manager  
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 organizational and problem-solving skills demonstrated through the planning and execution of various individual and team projects throughout undergrad
• Wrote an effective thesis paper and presented findings at the Biology Undergraduate Symposium resulting in an outstanding evaluation from a panel of professors
• Strong project management skills acquired through leading a team of 4 students at College Pro
• Demonstrated critical and innovative thinking developed through designing and performing my own set of experiments at various lab positions
• Invited to be a member of the Golden Key International Honour Society for being in the top 15% of high achieving students in my undergraduate program

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science, Molecular Biology and Genetics, McMaster University, Class of 2018

EXPERIENCE AND QUALIFICATIONS

• Undergraduate Honours Thesis, McMaster University – Conducted an independent study on how genetic background interacts with various alleles in the Drosophila melanogaster system
• Undergraduate Lab Based course, McMaster University – Applied various molecular biology and genetics techniques such as CRISPR mutagenesis, cloning, EMSA and reporter gene fusion. Improved my communication and leadership skills by working in teams on multiple projects
• Manager Assistant, College Pro – Developed and scheduled work plans while managing a team of 4 students. Recommended potential services to management by collecting customer information and analyzing customer needs
• Dental Assistant Volunteer, Mi Clinic – Set up and cleaned after various procedures and was responsible for the sterilization department. Organized schedules and patients’ files for increased efficiency. Showed empathy when providing health care

PERSONAL INTERESTS

• Basketball/Soccer
• Swimming
• Reading
• Historical documentaries
• Listening to classical music
**Summary of Skills and Achievements**

- Highly-motivated and results-driven individual with an ability to work in a fast and dynamic environment comprised of various types of teams.
- Strong collaboration, leadership, and time-management skills exemplified through experience in the Logistics department at Zimmer Biomet, a biomedical device company.
- Exceptional communication and interpersonal skills demonstrated through different sales roles and by continuously exceeding sales targets.
- Able to critically analyze a problem, interpret large bodies of data, and arrive at a meaningful solution illustrated through research projects as part of the Music and Cognition Laboratory at the University of Toronto.
- Awarded the Ontario Volunteer Service Award for mentoring physically and mentally disabled individuals through one-on-one sessions and group activities for 5 years.

**Education**

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021.
- Honours Bachelor of Science with Distinction in Life Sciences, University of Toronto, Class of 2017.

**Experience and Qualifications**

- Surgical Coordinator, Zimmer Biomet – Documented and maintained real-time whereabouts of instrumentation sets and implant kits by using inventory software OpsKwan and AS400.
- Sales Associate, Pier1 Imports – Provided shoppers with detailed product information while exceeding goals for monthly sales, items per transaction, and subscription captures.
- Research Assistant, Music and Cognition Laboratory – Conducted research under Dr. Glenn Schellenberg on how changes in key and tempo of musical pieces affect recognition and memory, resulting in a publication in *Music & Science*.
- Club President, Lifeline – Managed blood donation clinics, stem cell swabbing events, and volunteer recruitment on university campus in conjunction with Canadian Blood Services.
- Day Surgery Assistant, Credit Valley Hospital – Attended to patients post-surgery and relayed information to their families to allow for a smooth recovery and exit from the hospital.

**Personal Interests**

- Basketball, comedy shows, jazz music, and trying new cuisines.
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Strongly self-motivated, personable, and innovative individual passionate for adapting to new challenges, helping others, and aiming for the highest standard of excellence
• Superb collaboration skills obtained through a number of co-op positions: medical associate in pharmaceutical marketing, clinical trial recruitment, and research projects in pharmacology, toxicology, and molecular biology
• Proficient at creating pharmaceutical medical marketing documents such as clinical brochures, and informational slide decks for various products
• Over 200 successful PAAB submissions exhibiting the ability to follow regulatory guidelines in medical documents
• Excellent verbal and written communication; French, English, and Greek

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Health Sciences, Biology & Pharmacology co-op, McMaster University, Class of 2019. Dean’s Honours List

EXPERIENCE AND QUALIFICATIONS
• Medical Associate, ANTIBODY Healthcare Communications — Collaborated with a variety of pharmaceutical clients to create medical, educational, and promotional projects that were strategically aligned with brand objectives including considerations from a regulatory perspective
• Research Assistant & Undergraduate Thesis Student, McMaster University Department of Obstetrics and Gynecology — Studied the effects of environmental toxicants on a third trimester placental cell line to determine the impact on oils sands mining activities on mammalian reproduction
• Research Student, UHN and Princess Margaret Cancer Centre— Screened, recruited, and enrolled patients in a Phase III RCT investigating how two exercise delivery methods can help improve the side effects experienced by men with prostate cancer on androgen deprivation therapy
• VP Events/Marketing, McMaster Biology and Pharmacology Society — Launched promotional campaigns for the events run by the society and maintained professional social media pages for the program and society. Organized the 12th Annual Denis Crankshaw Lectureship with a guest speaker from Merck Pennsylvania and 50 guests in attendance

PERSONAL INTERESTS
• Astronomy, hiking and wilderness exploration, archery, swimming, reading, and travel
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Dedicated and highly motivated individual passionate for taking on challenges and aiming for excellence
• Inherits a sincere interest in people as exemplified through continuous involvement at Grand River Hospital and Movement Disorders Research and Rehabilitation Centre
• Exceptional critical thinking and attention to detail abilities developed during health science coursework and experience as a Personal Care Attendant
• Strong project management and time management skills established through year-long research projects in parallel with volunteer involvement
• Recipient of the Faculty of Science Students Association competitive Research Assistant Scholarship and Research Funding, Wilfrid Laurier University (2019)
• Dean’s Honour List, Wilfrid Laurier University

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science in Health Sciences, Minors in Biology and Chemistry, Wilfrid Laurier University, Class of 2019

EXPERIENCE AND QUALIFICATIONS
• Independent Undergraduate Honours Thesis, Wilfrid Laurier University – Initiated and developed thesis project investigating the relationship between cognition and proprioception on falls in Parkinson’s Disease
• Undergraduate Research Assistant, Wilfrid Laurier University – Lead researcher for collecting data for an “Intervention Study”; coded episodes for harmful events and proposed interventions in order to write a manuscript for publication
• Biology Instructional Assistant, Wilfrid Laurier University - Delivered tutorials and presentations for 40+ students and facilitated student learning by answering questions and grading student assignments
• Inpatient Oncology Unit; Adult Inpatient Mental Health Unit Volunteer, Grand River Hospital – Organized and executed weekly games/crafts nights for patients with a variety of mental illnesses resulting in high participation amongst patients, and provided emotional support to individuals undergoing chemotherapy resulting in positive recognition from nurses and patients
• Personal Care Attendant – Delivered the highest standards of one-to-one care to meet the needs of an individual with Cerebral Palsy; responsible for aiding in day-to-day tasks including cooking, housekeeping, and personal/hygienic needs

PERSONAL INTERESTS
• Regenerative medicine, travelling, personal fitness, reading, community involvement
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Solution-oriented self-starter with strong interpersonal skills who has a keen interest in the commercialization of biopharmaceutical products
• Exhibited strong project management skills by demonstrating effective prioritization of time and resources to achieve project successes in both senior thesis and Molecular Biology Laboratory course
• Took initiative in various professional experiences such as co-founding co-op academic journal club as an intern at CDRD to increase knowledge of current biopharma research landscape
• Received Third Place in Poster Presentations at McMaster University’s Biology Undergraduate Symposium

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science in Molecular Biology and Genetics, with distinction, McMaster University, Class of 2018
• Dean’s Honour List, McMaster University, 2014-2018

EXPERIENCE AND QUALIFICATIONS

• Screening Intern, adMare (former CDRD) – Assisted in target validation efforts for a small molecule inhibitor against α-synuclein fibrils to provide preliminary data in the development of a Parkinson’s treatment
• Senior Honours Thesis Project, McMaster University – Identified and characterized PRY-1/AXIN-regulated genes in Wnt-mediated developmental processes in Caenorhabditis elegans
• Promotional Team Outreach Coordinator, Science Initiative Fund, McMaster University – Developed and executed strategic marketing initiatives to increased fund awareness, which led to 63% increase in applications and 100% increase in online recognition
• Research Assistant, Department of Palliative Care, Princes Margaret Hospital – Developed content and designed website interface for an online cancer survivor self-help platform, resulting in increased accessibility of self-care information to recovering patients

PERSONAL INTERESTS

• Travelling, board games, reading suspense novels, and camping
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Exemplarily leadership and driven to take on new initiatives
• Excellent organization and problem-solving skills
• MBiotech Class Representative for the Class of 2021
• Recipient of the Department of Residence Years of Service Award, Wilfrid Laurier University
• Recipient of the Team Player Award, Wilfrid Laurier University
• Recipient of The Evelyn M. Barrett Scholarship Award

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science in Kinesiology, Wilfrid Laurier University, Class of 2018
• Deans Honour List (2017–2018)

EXPERIENCE AND QUALIFICATIONS

• Leadership Program Advisor – Hired and managed a council of 21 students to organize events focused around leadership development in the Laurier community. Over 15 events with 400+ participants were executed successfully, with regards to budgeting and student participation.
• Senior Residence Staff Member at Wilfrid Laurier University – Lead 56 first year students in issues related to academics, personal, social and financial matters. Additionally, trained and mentored incoming residence staff members.
• Faculty of Science Representative for Wilfrid Laurier University Residence’s – Planned science-based initiatives for first year students to grow interest in biology, chemistry, robotics and entrepreneurship. Ran successful programs with the cooperation of Laurier Faculty and Alumni.
• Mailroom Attendant for WLU Department of Residence – Organized and maintained incoming mail for over 150 students. Accurate logs were made daily, and all parcels successfully reached the intended recipient.

PERSONAL INTERESTS

• Hockey, Basketball, Music, Cooking, Community & Family Events
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Superb self-management skills acquired through troubleshooting complex problems during undergraduate thesis project and adapting to change across multiple settings
• Excellent communication skills developed through thesis presentations, seminar courses, and addressing a group of 40+ volunteers weekly
• Strong time management and organization demonstrated by successfully balancing a part-time job, extracurricular activities, and academics
• Proficient at project management through leadership roles in extracurricular activities and academics
• Creative, analytic thinking exemplified through high performance in business and entrepreneurial courses; recipient of the Marketing Excellence Award from the Smith School of Business at Queen’s University

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science, Biology, Queen’s University, Class of 2019

EXPERIENCE AND QUALIFICATIONS

• Co-President, Society for Conservation Biology, Kingston Chapter – Lead an executive team of 8 students and oversaw multiple projects and volunteers, as well as wrote funding proposals, to increase biodiversity in Kingston; increased club participation from 5 members to 40+ within one year
• Undergraduate Honours Thesis, Queen’s University – Investigated how bacteria contributes to frost damage in genetically modified freeze-tolerant plants; developed a novel method of assaying plant-bacterial interactions relevant to the agricultural biotechnology sector
• Circle Leader, Queen’s Students for Literacy – Fostered literacy skills in children residing in women’s shelters while managing tutoring volunteers and developing long-lasting community relationships
• Campus Observation Room Volunteer, Queen’s University – Increased safety on campus by assessing and monitoring intoxicated students in a confidential, friendly, and non-judgmental environment

PERSONAL INTERESTS

• Walking my dog
• Biodiversity and conservation
• Space exploration
• Artificial intelligence
• Global health
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Robust learning and analytical skills cultivated through diverse research experience in microbiology, population genomics, and synthetic organic chemistry
- Dynamic ability to communicate to a range of audiences through written and oral mediums developed through experience in academics, entrepreneurship, and student organizations
- Adept at working in teams as demonstrated in academic and extracurricular experiences
- Institute for Infectious Disease Research Summer Student Fellowship ($1,000) awarded for research aptitude, personal leadership, extracurriculars, academic achievement, and an outstanding project proposal
- Natural Sciences and Engineering Research Council Undergraduate Student Research Award ($4,500) recipient based on research aptitude and academic achievement

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
- Honours Bachelor of Health Science, Biomedical Discovery and Commercialization, McMaster University, Class of 2019

EXPERIENCE AND QUALIFICATIONS

- Honours Thesis Project, Brown Lab, McMaster University – Exelled in communicating microbiological data from research on antibiotic resistant pathogens with highly graded (>90%) academic papers and presentations
- Student Competitor, Synapse Life Science Competition – spearheaded market research independently to create a pricing strategy for NERv Technology Inc. as part of a commercialization plan that earned a second place prize of $10,000 in cash and $5,000 worth of in-kind services
- Undergraduate Researcher, Meyre Lab, McMaster University – Orchestrated primary screens as part of two systematic reviews and meta-analyses on the heritability of separate anthropomorphic traits while managing a second reviewer to demonstrate strong analytical and project management skills
- NSERC USRA Recipient, Atkinson Lab, Brock University – Sought out and incorporated feedback from the principal investigator and colleagues to independently synthesize a compound with no prior documented synthesis
- Director of Online Publications, McMaster Canadian Society for Epidemiology and Biostatistics – Managed a group of blog writers, which improved interpersonal skills in a professional context and resulted in weekly epidemiology blogs targeted towards laypeople to generate undergraduate interest in epidemiology

PERSONAL INTERESTS

- Competitive running, triathlon, hiking, camping, popular science
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Highly dedicated and self-motivated individual with a passion for learning as demonstrated by academic record and work experiences
• Excellent time management and organizational skills cultivated through working for a medical agency with numerous clients and tight deadlines
• Proven communication and interpersonal competence built through interdepartmental collaboration and participation in group meetings and client calls with external pharmaceutical departments
• Strong leadership and team skills developed by working in numerous teams in the workplace, undergrad and extracurricular sports
• Superb analytical and critical thinking abilities acquired in academic and industry lab positions

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science with Distinction, University of Guelph, Class of 2018
• Recipient of Dean’s Scholarship from the College of Engineering and Physical Sciences for highest academic performance
• Dean’s Honour List (2015 – 2018)

EXPERIENCE AND QUALIFICATIONS
• Junior Medical Writer, INVIVO Communications – Created medical content for pharmaceutical companies with platforms ranging from augmented reality applications to PowerPoint presentations, demonstrating the capability to research and understand a wide range of medical/scientific concepts
• Plasma Proteins Analytical Technician, Therapure Biopharma Inc. – Conducted analytical assays in the Plasma Proteins Research and Development Department, quantifying and qualifying new plasma protein therapies such as Human Serum Albumin and Immunoglobulin G
• Honours Thesis Project, Van Der Kraak Lab, University of Guelph – Conducted a research project analyzing the gene expression of enzymes involved in prostaglandin synthesis in zebrafish exposed to different chemical compounds
• Corporate Research and Development Lab Assistant, The Woodbridge Group – Assisted a team in the development of a foam product that retains quality but at a lower production cost through polymer organic chemistry and particle analysis

PERSONAL INTERESTS
• Golf, Basketball, Hockey, Reading, Cooking and Video Games
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly motivated individual with excellent time management skills, supported by an outstanding academic record
• Exceptional critical thinking and creative problem solving skills developed through handling the daily operations of a logistics company
• Strong analytical skills, with an attention to detail, cultivated through academic experiences requiring extensive data analysis and literature searches
• Refined written and oral communication skills developed through various presentations and reports during the course of an undergraduate degree, as well as interactions with clients
• Passionate and highly resilient individual with the ability to adapt to fast-paced environments, acquired through years of customer service experience

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science, Double Major in Biology and Psychology with High Distinction, University of Toronto Mississauga, Class of 2018

EXPERIENCE AND QUALIFICATIONS

• Operations Manager, Popular Motor Express Inc. – Managed the daily operations of a logistics company. Implemented a new book keeping system, hired and managed employees across multiple departments, and dealt with government agencies to ensure all permits were up to date
• Research Assistant, CAMH – Recruited participants for research looking at symptoms of developing psychosis in high risk youth populations, conducted at the FYPP clinic. Collected and analyzed data to find new research trends, carefully following guidelines set by the Research and Ethics Board
• Health Fair Leader, Students Offering Support (Guatemala Trip) – Led a health fare to teach students in La Laguna San Marcos about the importance of good hygiene. Also constructed a garden using eco-bricks to allow the school to be self-sufficient and have access to high quality food
• Sales Associate/ Cashier, Call It Spring – Engaged with customers to make effective sales, going above and beyond daily sales goals, with recognition from the District Manager

PERSONAL INTERESTS

• Reading, cooking, roller blading, watching documentaries about current social issues, hiking, skating
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Innovative problem solver with a strong desire to explore new areas and take on new challenges
• Excellent organizational and project management skills exemplified by the successful management of multiple timelines and prioritization of work as a Medical Affairs intern
• Reliable and committed team player able to thrive and adapt in a dynamic work environment
• Strong analytical and statistical data management skills gained by analyzing large data sets with SAS programming software and Excel while completing an undergraduate thesis
• Outstanding written and oral communication skills acquired through conference presentations, course work and years of experience in the service industry

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Recipient of the 2019 Merck Graduate Scholarship in Biosciences and Biotechnology
• Honours Bachelor of Science, Life Sciences Specialization, Queen’s University, Class of 2018
• Queen’s University Dean’s List 2014-2018

EXPERIENCE AND QUALIFICATIONS

• Medical Affairs Intern, Gilead Sciences Canada, Inc. - Prepared and collated reports, slide decks, and spreadsheets, performed extensive literature searches, provided support cross-functionally to the Medical Affairs, Market Access and Commercial Operations teams
• Contract position, Gilead Sciences Canada, Inc. - Worked independently to write, prepare and review 3 situational analyses for 1 pipeline drug across 3 therapeutic areas used to educate peers and senior management
• Undergraduate Thesis Student, Queen’s University - Investigated chronic hepatitis C testing patterns in a sample of individuals who had ever been incarcerated in Ontario and identified gaps in the cascade of care
• Head Coach, Students for Special Olympics Queen’s University Chapter - Planned and executed weekly basketball/soccer practices, oversaw a team of 6 coaches to instruct and motivate 12 Special Olympics athletes
• Server/Supervisor, Beertown Public House - Worked in a team of 20 servers to provide excellent customer service, addressed guests’ inquiries and issues using effective oral communication, managed closing duties

PERSONAL INTERESTS

• Reading, playing soccer, travel, movies
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Outstanding leadership, management and collaboration skills
• Exceptional Communication and presentation skills
• Exceptional customer service skills developed by working as a pharmacy assistant
• Strong work ethic acquired through working in the sale and marketing of highly sensitive products
• Strong Project management skills through organizing and overseeing multiple humanitarian projects
• Highly adaptable and resilient personality
• Bilingual: Arabic (mother tongue), and English

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Bachelor of Pharmacy, Al-Hawash Private University (Syria), class of 2017

EXPERIENCE AND QUALIFICATIONS
• Pharmacy Assistant, Walmart – Acquired great customer service skills, attention to detail while also gaining insights into the Canadian pharma industry
• Medical Delegate, Nestlé – Responsible for the ethical detailing of Nestlé’s infant formula products to more than 250 health care providers
• Head of Student’s Union, Al-Hawash Private University – Organized multiple events and coordinated between committees to address students’ concerns through negotiating with the pharmacy department’s faculty and staff, while in charge of managing 5 committees made up of more than 50 acting members
• Project Manager, Roman Orthodox Archdiocese – Managed multiple projects and events to completion working primarily with displaced families and children. Provided financial and emotional support to children orphaned by war, and organized educational presentations about health, common diseases, and hygiene to families without access to proper education

PERSONAL INTERESTS
• Playing the piano, singing, playing basketball and tennis, classical music, cooking, live music, dancing
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Strong time management skills demonstrated through involvement in an undergraduate thesis project, part-time work and community service activities while maintaining a GPA of 3.88/4 in the final two years
• Developed exceptional communication skills through interactions with physicians, nurses and patients, as well as through years of providing outstanding customer service
• Excellent public-speaking skills strengthened by delivering oral presentations at various conferences and seminars
• Self-motivated team player with outstanding collaborative skills demonstrated by working in dynamic teams at the workplace and in the Master of Biotechnology program.
• Fluent in English, Spanish and Arabic. Basic knowledge of spoken and written French.

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science with Distinction, Biology Specialist & Chemistry Minor, University of Toronto, Class of 2018

EXPERIENCE AND QUALIFICATIONS
• Pharmacy Technician – Entered, billed and filled prescriptions requiring attention to detail, problem solving skills, and an understanding of the regulations around certain drugs and insurance policies
• Undergraduate Research Assistant – Completed a demanding research project within 8 months and presented findings at two conferences. Used pigment analysis as a proxy for determining the stress tolerance of 10 different genotypes of White Spruce.
• Facilitated Study Group (FSG) Leader – Designed and executed weekly help sessions for students in Spanish for Beginners and Intermediate Spanish at the University of Toronto to ensure an improved understanding of the course material
• Infection Prevention and Control Volunteer – Created monthly reports of incidence rates of various infectious diseases at the Milton District Hospital and Oakville Trafalgar Memorial Hospital. Shadowed Infection Control Practitioners (ICPs) in micro and macro surveillance and assisted with Hand Hygiene Auditing.

PERSONAL INTERESTS
• Pharmacy counseling, entrepreneurship, acrylic painting, travel, learning languages, yoga and personal fitness
**SUMMARY OF SKILLS AND ACHIEVEMENTS**

- Over 2 years of industry experience in pharmaceutical consulting at Intertek Scientific and Regulatory Consultancy, with experience in drug submissions, scientific writing, regulatory affairs, and project management
- Experience in 3 different research positions: as a clinical research assistant in 2 laboratories and as an undergraduate research student (with authorship on a publication)
- Excellent written and oral communication skills, specializing in scientific data
- Proactive and motivated self-learner, always open to new challenges and consistently seeking to improve through discussion of drafts with colleagues, setting goals, and independent learning
- MBiotech Class Representative for the Class of 2021

**EDUCATION**

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
- Honours Bachelor of Science, Double Major in Pharmacology and Ecology & Evolutionary Biology, University of Toronto, Class of 2017

**EXPERIENCE AND QUALIFICATIONS**

- Toxicology Associate II, Intertek Scientific and Regulatory Consultancy (Pharmaceuticals & Healthcare) – Analyze, review, and summarized pharmacokinetic, pharmacological and toxicological studies for nonclinical and clinical data in drug submissions (eg. IND and NDA) to U.S. FDA and Health Canada, summarized data for and derived permitted daily exposures for toxicological risk assessments, prepared and reviewed literature searches, and presented key conclusions of large bodies of scientific information
- Clinical Research Assistant, Toronto General Hospital (Renal Physiology Lab) – independently and collaboratively screened patient charts, organized lab samples, and entered data for a study investigating effects of adding empagliflozin on top of ACE inhibition on renal hyperfiltration in Type I Diabetes
- Undergraduate Research Student, University of Toronto – Independent research project on limitations of assisted gene flow due to phenological mismatch in Brassica rapa. Co-author on a publication relating to my research and presented on my work at the Undergraduate Research Conference
- Clinical Research Assistant, St. Michael’s Hospital (Echocardiogram Lab) – Recruited participants and arranged study times for the NHL Cardiac Ultrasound study
- Drug Policy Forum Planning Committee, Canadian Harm Reduction Network – Organized “First, Do Less Harm” Forum on future of Canadian drug policy; presented on upcoming forum at Toronto City Hall

**PERSONAL INTERESTS**

- Snowboarding, running, reading, playing piano, and exploring nature
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly motivated, and hardworking individual with an extensive background in cancer research and passion in medical biotechnology
• Strong foundation in research and scientific writing from experience being part of three research groups
• Published manuscript on Analyst as 2nd author – “Paper-based platform for detection by hybridization using intrinsically labeled fluorescent oligonucleotide probes on quantum dots”
• Demonstrated exceptional communication, leadership and management skills coordinating clinical research and managing a business
• Commended by supervisors and colleagues for demonstrating great initiative and critical thinking ability solving complex scientific problems and providing innovative ideas
• Self-motivated and reliable team member, with a strong sense of responsibility and the ability to adapt to a new and changing environment

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honors Bachelor of Science with Distinction, Specialist in Biotechnology & Minor in Chemistry, University of Toronto, Class of 2019

EXPERIENCE AND QUALIFICATIONS

• Clinical Research Intern, The Hospital for Sick Children – Screened and recruited child cancer survivors into clinical research, managed sensitive patient information and clinical data using hospital database. Developed and organized SOPs, regulatory binders, questionnaires, reports and other miscellaneous paperwork to coordinate clinical research.
• Research Assistant, University of Toronto – Conducted interdisciplinary research on a photoresponsive drug delivery system using upconverting nanoparticles as a drug carrier. Learned a multitude of product characterization techniques such as nuclear magnetic resonance, mass spectroscopy, and analytical HPLC.
• Undergraduate Thesis Student, University of Toronto – Developed and optimized synthetic reaction scheme for photoresponsive linker, O-nitrobenzyl, from vanillin for utilization in photoresponsive drug delivery. Supervised by Dr. Ulrich Krull and Dr. Patrick Gunning.
• Regional Manager, College Works Paintings – Managed regional sales and marketing in the Greater Vancouver area, leading a small marketing team and overseeing hiring process for painters. Analyzed regional market demands and formulated market reports.

PERSONAL INTERESTS

• Cooking, kitchen gardening, travelling, basketball, regenerative and precision medicine, entrepreneurship
Ellie M. Kubisz

BIOPHARMA

SUMMARY OF SKILLS AND ACHIEVEMENTS
• Exceptional collaboration and communication skills within a GMP-compliant environment
• Technical writing and GDP experience from authoring development reports, creating poster presentations and slide decks, and coordinating GMP document inventory
• Strong project management skills, developed as President of Biology Students’ Association to host networking events, seminars, and workshops
• Proven leadership skills as Lead Mentor of Volunteer Mentors at the Department of Student Life, and as President of the Biology Students’ Association
• Professional disposition and interpersonal skills, displayed as a Peer Academic Coach and Employment Peer Coach

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science, Specialization in Molecular Biology & Biotechnology, University of Toronto, Class of 2019
• University of Toronto Scarborough Dean’s List and graduation with high distinction

EXPERIENCE AND QUALIFICATIONS
• Co-op Student, Sanofi Pasteur, Analytical Research & Development – Created and characterized new mollicute stocks for use in method validation and to support communications with regulatory bodies
• Co-op Student, University of Toronto, Department of Biological Sciences – Optimized fluorescent microscopy sample preparation of Arabidopsis thaliana chromosomes to prepare an improved protocol for the study of meiotic progression
• Employment Peer Coach, University of Toronto, Academic Advising & Career Centre – Critiqued student resumes and cover letters in one-on-one sessions to increase student employability and enhance own ability to give effective feedback
• Lead Mentor, University of Toronto, Department of Student Life – Coached Volunteer Mentors individually and at monthly mentor roundtable meetings to support first-year undergraduate students
• President, University of Toronto, Biology Students’ Association – Directed major operations and events such as Graduate School Fair, and led round-table meetings with 22 Executive Members to build on team performance

PERSONAL INTERESTS
• Mentoring and coaching, playing and teaching piano, strength training, hiking, creating travel plans, project management

Where science meets business.
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Keen ability to learn and adapt to new situations – Developed a proficiency in the environmental engineering industry and the biochemical laboratory
• Strong scientific communication – Acquired from presenting a research thesis in multiple settings, educating and technical consulting
• Customer focused mindset with an aptitude for building relationships – Demonstrated in multiple customer service roles such as Environmental Technician and Education Coordinator
• Professional project management skills and attention to detail – Exemplified in the management of two home renovation projects and the conduct of a thesis project
• Intermediate oral and written proficiency in French; fluency in English
• Dean’s Honour List, Queen’s University

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science, Chemistry, Queen’s University, Class of 2018

EXPERIENCE AND QUALIFICATIONS

• Environmental Technician, Soil Engineers Ltd. – Managed client relationships acting as the first point of contact, resulting in 50+ satisfied clienteles; Drafted 100+ technical papers and reports based on the analysis and interpretation of environmental data
• Research Assistant, Queen’s University (Chemistry) – Discovered a novel enzyme catalyzed phosphonate degradation pathway through wet lab experimentation and detailed data analysis
• Undergraduate Research Thesis, Queen’s University (Chemistry) – Designed a research project which resulted in the co-supervision of the thesis; Leveraged the unique possibility of observing the interactions between enzyme (PhnZ) and substrate (Glyphosate) through O17 NMR spectroscopy
• Education Coordinator, Queen’s Solar Design Team – Designed and executed workshops to teach community members about green home technology
• Construction Project Manager, Infinity Property Investments Ltd. – Managed 10 contractor relationships ensuring the timely completion of two renovation projects

PERSONAL INTERESTS

• Outdoor Activities, Hiking, Performing Music, Running, Cuisine, Ballroom Dance
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent organizational and time management skills demonstrated through balancing part-time employment while achieving 4.0 GPA
- Ability to perform well under pressure to adapt to multiple product timelines in a fast-paced environment as an intern at Janssen Inc.
- Strong problem solving and analytical mindset developed through independent research projects focusing on analytical chemistry throughout undergraduate education
- Highly motivated individual willing to take initiative to help advance team performance
- Effective communication and interpersonal skills refined through customer service roles, volunteering, and academic research presentations and published papers

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
- Ontario Graduate Scholarship ($15,000), awarded to one student in the Master of Biotechnology program, based on academic merit, research contributions, and career aspirations (2019)
- Honours Bachelor of Science, Chemistry Co-op, McMaster University, Class of 2019

EXPERIENCE AND QUALIFICATIONS

- Medical Sciences Intern, Janssen Inc. – managed progression of ongoing clinical trial, developed iPad app with an external vendor, coordinated meetings between cross-functional teams
- Junior Product Safety Officer, Health Canada – assisted on inspections, compliance verifications, and enforcement actions to maintain and improve the health of Canadians
- Undergraduate Honours Thesis, McMaster University – characterization of the plasma metabolome for elucidating the deleterious effects of acute inactivity among the elderly (DOI:10.3390/metabo9070134)
- Teaching Assistant, McMaster University – organized and supervised first year undergraduate chemistry labs
- Research assistant – validation of methods to analyze muscle tissue samples to determine mechanisms of bicarbonate ingestion on strenuous interval exercise (DOI: 10.1021/acs.analchem.9b00149)

PERSONAL INTERESTS

- Swimming, tennis, yoga, painting, movies, personal finance
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Excellent leadership skills and project management gained through working in a research lab team of 8 – learning and eventually leading analysis for a clinical trial
• Effective communication and teamwork skills developed during team-based research and working in a cross-functional team as an Operations intern at BASF
• Robust change management and adaptability skills learned by working in teams in the MBiotech program and leading academic and cultural on-campus organizations
• Strong analytical skills demonstrated through successful batch analyses for a clinical research trial at a St. Michael’s Hospital research lab
• Proficient in simplifying complex concepts and tailoring the delivery of these concepts to the general public; learned when consenting patients to a research study

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science, Double Major – Human Genetics and Molecular Biology, University of Toronto, Class of 2018

EXPERIENCE AND QUALIFICATIONS

• Research Coordination – Designed a decisional aid video to educate patients about exome sequencing and completed the analysis of 7 participant batches within 8 months of starting the trial. Started as a research volunteer and presently, working part-time on data analysis at St. Michael’s Hospital
• Event Project Coordination – Successfully led a team of four to organize a large-scale event for a college at the University of Toronto (UofT). Accounted for resource allocation, marketing and budgeting; resulting in a sold-out event and a $5000 saving
• Research Collaboration – Presented a paper “Exploring healthcare providers’ perspective on the clinical utility of cfDNA testing” at CADTH. Created a comprehensive guide to aid cancer test development
• Marketing Management – Led a marketing team of three that was responsible for designing creative content for a UofT college event and Marketing Director for several on-campus clubs; leading to a significantly high volume turnout at these events
• Operations Internship – Cross-functional experience in various departments; production, sales, logistics and marketing at BASF – Chemical Company. Self-initiated the write-up of Standard Operating Procedures (SOPs) and creation of Workplace Safety slide decks leading to increased on-site safety

PERSONAL INTERESTS

• Personal Fitness, Hiking, Travelling, Problem-solving (Sudoku & Rubik’s Cube Solving)
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Excellent time management and prioritization skills
• Outstanding verbal and written communication skills
• Able to effectively work alone or as a team to accomplish large projects under pressure or deadlines demonstrated through involvement in the Brock University iGEM team and the project work accomplished in the Master of Biotechnology
• Developed strong leadership skills in a sales-driven environment due to work as a Shift Leader at Mastermind Toys
• Recipient of the Brock University Biological Sciences Year 4 Book Prize for having the best overall record in Biology

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science, Biochemistry, Brock University, Class of 2019
• Dean’s Honours List (2015-2019) and graduated with first-class distinction

EXPERIENCE AND QUALIFICATIONS
• Honours Thesis Project, Necakov lab, Brock University – Designed and performed independent research into the interactions between the Hedgehog and Notch signaling pathway in regards to intestinal stem cell proliferation/differentiation in the Drosophila melanogaster model using RNA interference.
• Research and Development Student, Norgen Biotek – Received the NSERC Experience Award to conduct industry relevant research in the optimization and development of DNA and RNA isolation and purification kits.
• Co-op Student, Errampalli lab, Agriculture and Agri-Food Canada – Conducted and presented research findings on the pathological factors causing ginseng replant disease, for the 2017 Meeting of the Southwestern Ontario Regional Association of the Canadian Phytopathological Society
• Undergraduate Research Assistant, Pilkington lab, Brock University – Selected for the NSERC USR Award based on academic success and research potential to fund independent research in synthetic inorganic chemistry ($5625)
• Shift Leader, Mastermind Toys – Led sales associates to meet daily sales goals and deescalated customer problems

PERSONAL INTERESTS
• Drawing, reading, hiking, camping
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Highly motivated leader with strong abilities to work effectively in a team and independently as demonstrated through course work and professional experience
• Top-performing sales professional, exceeding expectations for total sales by 238% (target of $70,000.00 achieved $165,000.00) as a Recruitment Consultant
• Strong interpersonal and communication skills demonstrated by the selection as top-performing and preferred representative for Labatt Breweries and was sent to the 2018 Super Bowl on behalf of Bud Light
• Effective time management and multi-tasking abilities exemplified by balancing part-time work, undergraduate extracurricular activities, and hobbies while achieving a 3.8/4.0 GPA in final year of undergraduate studies
• Skilled in computer coding in the Java Language and advanced skills in Microsoft office applications demonstrated through course work and professional experience

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• McGill University – Bachelor of Science, Pharmacology – Class of 2018

EXPERIENCE AND QUALIFICATIONS
• Completion of Canadian French Immersion program, achieving Bilingual Certificate of French and English (oral, written and reading competencies)
• Recruitment Consultant, Account Management with Michael Page – Demonstrated experience in inside and outside sales. Recognized for strong abilities in business development and client relations
• Pharmacy Research Intern with Trillium Health Partners – Demonstrated project management skills when leading a project on Hyper- and Hypoglycemia rates in in-hospital patients. Experience working alongside pharmacists and communicating with doctors and nurses on the topics of drugs and patient outcomes
• Lead and evaluated experiential marketing programs for various clients (i.e. Labatt Breweries, Coca Cola, Bank of Montreal, Ritual, etc.). Increased brand awareness and improved brand identity
• Developed strong relationships with McGill University Students as 3-year Orientation Leader for new students and the Vice President of Social Outreach for McGill’s Pencils of Promise

PERSONAL INTERESTS
• University of Toronto, Mississauga Eagles Varsity Cross Country, 2019
• Artificial intelligence, traveling, and mental health
• Fitness & exercise, and nutrition
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly motivated and disciplined individual with over 3 years of experience in labs and pharmaceuticals
• Collaborated with an interdisciplinary project team at Sanofi Pasteur, comprising members from R&D, quality control and regulatory affairs
• Acquired strong project management skills from co-op position involving method development for biochemical assays such as capillary gel electrophoresis and SDS-PAGE
• Demonstrated exceptional time management and organizational skills through consistent involvement in extracurriculars and part-time employment while exceeding academically
• Received best poster prize at the 102nd Canadian Chemistry Conference and Exhibition (CCCE)
• Recipient of the DPES Excellence and Leadership Award for making significant contributions to the Department of Physical & Environmental Sciences (DPES) at UofT Scarborough

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Recipient of the Amgen Canada Fellowship in Biotechnology, 2019-2020
• Honours Bachelor of Science, Biological Chemistry & Environmental Science Minor, High Distinction
• Dean’s List, University of Toronto, Class of 2019

EXPERIENCE AND QUALIFICATIONS

• Undergraduate Thesis Student, Kraatz Lab – Optimized the capture and electrochemical reduction of carbon dioxide into value-added materials using amine chemistry, and published in peer-reviewed journals
• Biochemistry Co-op Student, Sanofi Pasteur – Received a certificate of achievement for developing a feasible capillary gel electrophoresis method to replace the traditional SDS-PAGE purity assay. Ensured compliance of documentation and computerized systems to relevant regulatory requirements
• Immunology Co-op Student, Ostrowski Lab – Attempted stimulation of HERV-K-specific CD8+ T cell responses in PBMCs to hypothetically destroy cells infected with HIV and SIV
• Lab Assistant, Centre for the Neurobiology of Stress (CNS) – Effectively transfected neuronal cells to study the induction of HSPs as a potential treatment for neurodegenerative diseases
• Teaching Assistant for Organic Chemistry – Instructed students by demonstrating relevant lab techniques and assessed performance by marking and evaluating course work
• Customer Service Representative at Crate Designs Furniture – Demonstrated strong communication skills when delivering product information to customers

PERSONAL INTERESTS

• Scientific research, medical education, board games and movies
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Excellent interpersonal and time management skills enhanced by managing project milestones and inter-departmental teams (including QC, QA and production) to ensure regulatory compliance and successful submission of all applications

• Strong critical thinking and problem-solving skills garnered from establishing new procedures (SOPS) for acquiring and reporting chromatographic data, and redesigning research methodology, resulting in significant improvements in data integrity

• Outstanding ability to work within a team demonstrated by liaising between different departments to deliver projects ahead of schedule

• Enhanced leadership and communication skills by coordinating responsibilities amongst peers to steer the company’s action plan efficiently towards completion

• Focused on personal and team growth by providing and requesting feedback in order to increase work efficiency and productivity

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021

• Honours Bachelor of Science, Biology, University of Waterloo, Class of 2017

• Dean’s Honours List, University of Waterloo, 2015–2017

• Pharmaceutical Regulatory Affairs and Quality Operations Certification, Seneca College

EXPERIENCE AND QUALIFICATIONS

• Regulatory Affairs Specialist, Bio Agri Mix – Prepared and submitted regulatory applications to Health Canada and FDA in a time sensitive environment to expand company’s portfolio

• Co-Founder, Clean Strength Fitness – Developed a platform for drug-tested Powerlifting Athletes to compete and win financial rewards in Canada-wide Powerlifting competitions

• Research Laboratory Assistant, Wilfrid Laurier University – Focused on analyzing the adaptation of various zooplanktons to the shifting salinity levels in lakes on the Great Plains

• Sales Associate, Sunnybrook Health Sciences Center – Managed and supervised the Artisan Market, a shop owned and operated by the Volunteer Association, that sells merchandise created by veteran residents along with other gift shop items

PERSONAL INTERESTS

• Powerlifting, basketball, community service, traveling
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Highly driven, self-motivated individual with the aptitude to work in a variety of environments with a team or individually to achieve a goal
- Strong interpersonal, teamwork, and project management skills developed through industry experience at SQI Diagnostics, Apotex and SGS Life Sciences
- Excellent leadership and verbal communication skills honed from community involvement as a Residence Life Don and Teaching Assistant duties
- Detailed-oriented, with refined analytical problem-solving skills as exhibited during an undergraduate thesis project
- Extensive knowledge of current Goods Manufacturing Practices (cGMP) regulations, FDA & Health Canada guidelines, as well as, US and European Pharmacopoeia test methods
- Polished report writing skills acquired from assisting in the creation of SOPs while working in the pharmaceutical and medical devices industry

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
- Honours Bachelor of Science, Biochemistry, Specialization in Biotechnology (co-operative stream), Waterloo, Class of 2018

EXPERIENCE AND QUALIFICATIONS

- Biotechnology Technician at SQI Diagnostics- Primarily worked with the Manufacturing & Operations team to improve the production of IVD microarray kits in accordance to cGMP standards.
- Global Quality Control Method Optimization Chemist Student at Apotex- Assisted in the transfer of newly developed or optimized analytical protocols from the R&D lab to quality control lab as per USP guidelines.
- Undergraduate Thesis student- Operated under Smith’s Lab at the University of Waterloo, in conjunction with Environment Canada to monitor the phytoplankton activity in the Georgian Bay area.
- Residence Life Don at University of Waterloo Residence Life – Facilitated a sense of community and belonging with first-year students by planning and executing various residence and campus-wide initiatives.
- Biochemistry Laboratory Teaching Assistant at the University of Waterloo- Worked with laboratory instructors to coordinate weekly experiments and provide guidance and feedback to students.
- R&D Intern at SGS Life Sciences- Supported various members of the R&D team with test method development, validations, verification and equipment calibrations.

PERSONAL INTERESTS

- Marathon running, cooking, reading, travelling and infectious disease research
SUMMARY OF SKILLS AND ACHIEVEMENTS
• 1 year of biopharmaceutical experience at Sanofi Pasteur as a Co-op Student in Bioprocess R&D, supporting the development of a new vaccine candidate from Phase II to Phase III clinical trials
• Strong clinical background – held research positons at multiple steps in the clinical trial process, from obtaining patient consent to preparing Batch Production Records
• Strong written communication skills– contributed to work that led to two approved research grants while at St. Michael’s Hospital
• Proven leadership skills, both as a Co-op Mentor at the University of Toronto, and as a Planning Committee member for an R&D event at Sanofi Pasteur
• Proven strong work ethic – was invited back for a research course at St. Michael’s Hospital after successful qualitative research done as a student in the Keenan Research Summer Student Program

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science with Distinction, Double Major in Human Biology and Molecular Biology – Immunology and Disease, University of Toronto, Class of 2019

EXPERIENCE AND QUALIFICATIONS
• Co-op Student, Sanofi Pasteur (Clinical Manufacturing) – 1 year Co-op aiding in the development of a vaccine candidate by contributing to procedural documents, SharePoint creation, and process diagrams in a GMP environment
• Research Student, St. Michael’s Hospital – Assisted with qualitative and quantitative research related to osteoporosis management, conducting a secondary analysis of transcripts from previous studies in order to categorize risk factors
• Research Volunteer, The Hospital for Sick Children (SickKids) – Supported research initiatives in deep vein thrombosis, obtaining patient consent for a clinical trial and explaining mechanics of a research study to guardians
• 4th year presentation for a Genomics Seminar course – Explained complex concepts to a lay audience through successfully completing a report and presentation regarding pharmacogenomics in stroke treatment
• SPECTRUM Director, Environmental and Physical Sciences Student Association at U ofT Scarborough – worked in a dynamic team environment to recruit and review the work of prospective contributors to student-run science blog

PERSONAL INTERESTS
• Health and fitness, baking, travelling, epigenetics
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Strong analytical skills, demonstrated by over 5 years’ experience in academic/clinical research
• Established skills in leadership, public speaking, and teamwork through work placements in university governance, science instruction, and exam invigilation
• Entrepreneurial spirit demonstrated by founding a start-up tech company
• Multilingual in 5 languages: English, Pashto, Urdu, Hindi, Arabic

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Health Systems Consulting course (RSM2059), Rotman School of Management, 2019
• Honours Bachelor of Science (HBSc), Neuroscience, University of Toronto Scarborough, Class of 2017
• Dean’s List 2014 – 2017
• Nelson Mandela Award 2016 – 2017

EXPERIENCE AND QUALIFICATIONS
• Start-up Tech Company Co-Founder, University of Toronto Scarborough – Assisted in the development of a novel smartphone app on Android and iOS platforms with a commercial application in helping foster adaptive learning, and performed initial market research evaluation on app with university students as a test pool
• Clinical Neuropsychology Research Assistant & Undergraduate Thesis Student, Princess Margaret Cancer Centre, Department of Psychosocial Oncology – Assisted with systematic literature search and data analysis for a longitudinal study examining neurocognitive outcomes in young adults with cancer, utilizing SPSS and Microsoft Excel
• Co-opted Board Member of Academic Board, University of Toronto Governing Council – Actively voted on policies and governing decisions of academic importance at the University of Toronto, along with administrative staff, teaching faculty, officers, presidents, alumni, and the provost
• Organic Chemistry Supplemental Instructor, University of Toronto Scarborough – Taught 20 weekly voluntary peer-assisted instructional sessions for Organic Chemistry I, preparing students for the exams in the course, for which 80% of the students obtained at least an A grade in the course

PERSONAL INTERESTS
• Neuroscience, mixed martial arts (MMA), strength training, basketball, fantasy/science fiction literature, natural perfumery, camping
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly driven, assertive and resilient individual capable of quickly adapting and responding to new environments and situations
• Rich background in a wide variety of fields, along with a diverse cultural and life experience.
• Advanced organizational, interpersonal and time-management skills finely tuned by achieving balance in academic development, employment and personal activities
• As a Biomedical Researcher I successfully led two short research projects in Cancer Epigenetics and Nanotoxicology in a Biomedical Research Unit at Mexico’s biggest university
• Streamlined Quality Assurance System activity tracking and follow-up, and translated and issued Quality Certificates to clear for shipment of medical and research devices at Becton Dickinson

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Bachelor of Science – Biology, UNAM (Mexico), Class of 2014.
• Technical Studies – Basic Software Development, IPN (Mexico), Class of 2008.

EXPERIENCE AND QUALIFICATIONS

• Biomedical Researcher – Led the execution of research projects “The effect of TiO2 nanobelts on a lung emphysema mouse model” and “Analysis of methylation patterns on tumor-repressing genes SORBS3 and PDLIM2 in lung cancer patients” at UNAM-Iztacala’s Biomedicine Unit
• Quality Assurance (Becton Dickinson) – Streamlined Quality Assurance System activity tracking and follow-up, translated and issued Quality Certificates to clear for shipment of medical and research devices
• Creative Copywriter – Created novel content and concept for online marketing campaigns for headhunting, travel agency, catering, and stocks sales clients
• Freelance Content Editor – Created, curated, translated and proofread content for a wide variety of clients in topics like health, science, B2B technology, etc
• Technical Support Analyst – Granted remote assistance, account management, troubleshooting and maintenance for employees around the world
• Spanish Interpreter – Made communication possible between a diverse portfolio of US government and private agencies and non-English speakers in the US

PERSONAL INTERESTS

• Reading and writing fantasy and science fiction, playing videogames, cooking and baking.
Summary of Skills and Achievements

- Extensive experience in project management and leadership through collaborative efforts with teams focused on developing solutions for emerging issues within healthcare and organizing initiatives to support students in their transition to university.
- Developed analytical and critical thinking skills by interpreting data and troubleshooting for validation testing projects and academic lab experiments.
- Effective interpersonal skills demonstrated within residence advisor position by building trust with first year students and directing struggling students to appropriate academic and health resources.
- Excellent ability to adapt and learn quickly as exhibited by ease of transition into GxP environment and involvement in multiple manufacturing process optimization projects.
- Proven time management and organizational skills through handling of multiple projects in academics and process validation.

Education

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021.
- Honours Bachelor of Medical Sciences, Honours Specialization in Interdisciplinary Medical Sciences, Western University, Class of 2019.
- Dean’s Honours List, Western University, 2014, 2019.

Experience and Qualifications

- Analytical Process and Technology Intern, Sanofi Pasteur – Worked with research scientists and technologists to optimize and validate quality control procedures in vaccine manufacturing process.
- Interdisciplinary Medical Sciences Capstone Project – Investigated the effect of antioxidants on diabetic progression and proposed strategies to prevent progression and incidence on type 2 diabetes through lab research and literature reviews.
- Community Enriched Learning Project, Western University and St. Joseph’s Health Care London – Worked with nurses to research strategies for the implementation of psychological safety in error reporting procedures within healthcare network.
- Residence Advisor, Western Residence Life – Collaborated with staff to plan initiatives and events to support first year university students through academic, mental and physical health issues.
- Administrative Supervisor, City of Markham – Organized and coordinated summer camp programming which guided teams of counsellors in leading activities focused on child development.

Personal Interests

- Healthcare, civil rights, film, music and cooking.
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Self-motivated and hardworking individual who is always eager to learn and tackle new challenges
• Strong project management skills demonstrated through planning and coordinating an academic research lab to the successful completion of an Honours Thesis project
• Confident and adaptable team player
• Developed strategic thinking and marketing strategies by working as a sales advisor for Best Buy Canada which involved interacting with customers and numerous companies on how to market product successfully
• Excellent time management and organizational skills refined through balancing an academic career alongside part-time employment, extracurricular activities and volunteering
• Outstanding customer service and interpersonal skills developed through volunteering at Humber River Hospital in a fast-paced and dynamic environment
• Multilingual: English, Hindi & Punjabi

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science, York University, Class of 2019
• Dean’s Honour List, York University, 2017-2019

EXPERIENCE AND QUALIFICATIONS

• Multi-Channel Sales Advisor, Best Buy Canada – Maintained current knowledge of industry trends in order to provide tailored recommendations according to customer needs and worked alongside numerous companies to ensure marketing campaigns of products and demos were followed correctly
• Independent Honours Thesis Project, York University – Coordinated research on how to differentiate rat myoblast cell line (H9C2) into a functional heart cell by supplementing it with differentiating factors
• Research Internship, Tsushima Lab, York University – Researched and examined the biophysical properties and cellular regulation of cardiac and pancreatic ion channels
• Volunteer & Co-ordinator, Humber River Hospital – Organized and coordinated orientation and training sessions regarding volunteer services and emergency codes to incoming volunteers. Volunteered over 350 hours in various departments resulting in increased productivity and an improved patient/visitor experience
• Logistics Planner, AH Transfers & Cartage Inc – Coordinated transportation planning activities by managing fast paced inbound/outbound calls to book freight with carriers alongside recording detailed shipment/carryer information into a transportation management system

PERSONAL INTERESTS

• Community involvement, stem cell therapy, hockey, hiking, travelling, and entrepreneurship
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Highly motivated with a proven ability to collaborate effectively and adapt to changing environments
- Advanced critical thinking and problem-solving skills demonstrated while helping develop unique and innovative product solutions as a part of Research and Development team
- Outstanding organizational and time management skills demonstrated through maintaining top grades in school while acting in executive roles in various extracurricular organizations
- Excellent interpersonal skills demonstrated through multiple positions requiring client consultation
- Strong entrepreneurial spirit and an aptitude for business that has been developed while working at an innovative digital start-up
- Trilingual: English, Russian, Ukrainian

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
- Honors Bachelor of Science, Biology, Western University, Class of 2019
- Dean’s Honors List, Western University 2017-2019, Florence Bucke Undergraduate Scholarship 2019

EXPERIENCE AND QUALIFICATIONS

- Marketing Intern, Coupgon Inc. – Conducted research of cloud-based server providers specialized in real-time-data-analytics, developed a matrix for analyzing competitors’ products and offerings
- Communicated directly with clients and assisted with the creation of customer satisfaction surveys
- Managed the company’s social media presence on various platforms
- Research and Development Intern, Apollo Health and Beauty Care – Researched competitor products for reformulation and improvement of Apollo’s, analyzed and implemented client needs
- Consulted with chemical suppliers on new and innovative ingredients and cutting-edge product development processes
- Administrative Assistant, Polar Dental – Assisted with the day-to-day operations of the business, including booking, appointment set up and monitoring of the client base
- Utilized exception interpersonal skills while communicating directly with cliental
- Volunteer Coordinator, Shoebox Project Charity – Identified corporate sponsors, assisted in the organization of philanthropic events, conducted inspections of donations and coordinated their delivery
- Jr. VP of Events, Heart and Stroke Foundation Western University – Organized charitable events and engaged participation from fellow students and local businesses as part of the executive team.

PERSONAL INTERESTS

- Personal fitness, traveling, tennis, running, wake surfing, baking
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Self-motivated and driven individual capable of thriving in both individual and team environments
- Strong analytical and laboratory skills obtained through extensive benchwork and compiling large data sets for academic publication
- Exceptional written and oral communication skills cultivated through several contributions to peer-reviewed manuscripts and presenting research at regional conferences
- Valuable organizational and business administration experience acquired through handling government-funded grants and organizing payments to scientific distributors
- Recognized for exceptional leadership with two letters of accomplishment for individual and group leadership signed by Amit Chakma, former president of Western University

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
- Honours Bachelor of Science, Western University, Class of 2019
- Dean’s Honour List: 2016–2019

EXPERIENCE AND QUALIFICATIONS

- Lab Technician & Research Assistant, Western University – Collaborated with government organizations on a Genome-Canada project investigating the molecular biology and physiology of invasive species in Canada as part of the Western Internship Program. Data generated have been prepared into a manuscript
- Visiting Researcher, Great Lakes Forestry Centre – Completed full comprehensive course in measuring and analyzing metabolic rate data in animals provided by Sable Systems International
- Honours Undergraduate Thesis, Western University – Managed an independent research project investigating the metabolic and physiological processes involved in freezing and recovery from injury in ectotherms
- Leadership Education Program, Western University – Completion of leadership program aimed towards strengthening individual and group leadership skills with extensive workshops about conflict management, public speaking and team building
- Crew Leader, Total Tech Pools – Responsible for managing and supervising a team to ensure efficient completion of pool maintenance projects

PERSONAL INTERESTS

- Sports, cooking, travelling and music
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Detail-oriented, fast learner who is flexible in dynamic environments, demonstrated through completing various research projects and facilitating numerous science outreach events
• Exceptional critical thinking and analytical skills refined through troubleshooting experimental procedures with cost-effective ideas, to optimize product purity and yields within set financial budgets
• Strong interpersonal skills developed through scientific project collaborations and community engagements
• Excellent communication and public speaking skills cultivated through years of teaching classes of 30 to 50 students and presenting scientific workshops to 100s of students

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science in Biochemistry and Molecular Biology, University of Toronto, Class of 2019
• Dean’s Honours List 2015–2019, University of Toronto

EXPERIENCE AND QUALIFICATIONS

• Research Assistant, University of Toronto – Performed extensive literature research and developed standard operating procedures for the synthesis of a wide variety of anti-cancer reagents, both individually and as a team player. Troubleshooted procedures to ensure 90% purity and 80% yields for products in a cost-effective manner that did not exceed set financial budgets
• Honours Thesis Project, University of Toronto – Investigated the effects of reactive oxygen species on root development in annual and perennial flax, by designing and implementing innovative hydroponic systems
• Research Assistant, Cardiovascular Health Awareness Program – Assisted researchers and nurses in data collection and translation between Tamil and English to understand non-English speaking senior participants. Addressed concerns and educated seniors about cardiovascular disease prevention interventions
• Tutor/Discussion Sessions Leader, Young Scholars Learning Center and University of Toronto – Mentored and instructed individuals with learning disabilities on a one on one basis, as well as classes of 30 to 50 students at the undergraduate level, high school and elementary level. Sessions resulted in improved grades in advanced bio-organic chemistry, science, mathematics and English
• Team Leader, University of Toronto – Collaborated with faculty and volunteers to orchestrate interactive scientific workshops to 100s of elementary, high school and undergraduate students, with the intent to invoke students’ interest in science

PERSONAL INTERESTS

• Piano, traveling, reading
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Passion for process optimization, as shown in the development of advanced automated yield calculations, and more efficient note keeping for medicinal chemistry research work
• Highly motivated in pursuing projects outside of current comfort zone such that new perspectives and skills could be attained
• Excellent ability to function in a team setting and manage project timelines, which was developed from pharmaceutical work in industry and academia, as well as in the MBiotech program
• Developed new research avenues for the Gunning Group through the success of a personal thesis project, which encompassed exploration of new synthetic routes for small molecule drugs
• Strong ability to communicate ideas effectively, attained from research presentations and projects within MBiotech, as well as working in a pharmaceutical start-up

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honors Bachelor of Science, Chemistry and Biology for Health Science, University of Toronto, Class of 2019

EXPERIENCE AND QUALIFICATIONS

• Research Scientist, Chemistry – Dalriada Therapeutics – Theorized and managed the synthesis of several advanced pre-clinical drugs, which contributed to a measurable increase in workflow within the drug pipeline of the start-up
• Research Student, Chemistry – Gunning Group, University of Toronto – Managed and worked on personal thesis project concerning the development of fine-tuned therapeutics
• Laboratory Assistant – University of Toronto – Assisted senior laboratory staff with the proper set-up’s for undergraduate lab courses, as well as administrative duties including labeling, organizing, and categorizing reagents
• Science & Mathematics Tutor – Queen Elizabeth Tutors – Functioned as an effective communicator for students who are struggling with challenging concepts in school

PERSONAL INTERESTS

• Reading (business & personal development)
• Hiking, Guitar, International food, Snowboarding
SUMMARY OF SKILLS AND ACHIEVEMENTS
• Highly motivated and versatile with 2+ years of professional experience in a variety of roles within the biopharmaceutical industry
• Well rounded interpersonal and communication skills refined over 4+ years working in the service industry
• Excellent written and oral communication developed through detailed reports and delivering seminar presentations in both a professional and academic capacity
• Strong project management and leadership abilities
• Bilingual in English and Macedonian

EDUCATION
• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honours Bachelor of Science, Double Major in Biology and Medical Science, University of Western Ontario, Class of 2016

EXPERIENCE AND QUALIFICATIONS
• Clinical Research Coordinator, EBT Medical – Conducted and managed a 40+ patient clinical trial assessing the effects of a neuromodulation therapy on pelvic floor disorders while communicating data through professional reports
• Clinical Research Coordinator, BioPharma Services Inc. – Coordinated study activities for BE/BA, Phase 1 and Human Abuse Liability studies by ensuring conduct of clinical trials in accordance to regulatory guidelines and SOP’s. Coordinated with cross functional teams to minimize and resolve Monitor queries
• Research Assistant, Lunenfeld-Tanenbaum Research Institute – Investigated the role of SUP-46 in developmental timing and stress resistance while determining interacting proteins that might underlie stress granule localization in C. elegans
• Research Assistant, Healthy Cow – Researched and reported findings on bovine metabolomic, microbiomic and inflammatory interactions using scientific literature
• Volunteer, Social Media Lead, CRAM – First learning festival of its kind in Canada. Part of the social strategy team in capturing the innovative and interactive events and lectures at Toronto’s four universities
• Vice President of Finance of the Macedonian Student Association, University of Western Ontario – Managed annual budget and reviewed financial statements, maximizing revenue throughout the year. Ensured financial stability by raising money through sponsorships, grants and fundraising events exceeding year-end club goals

PERSONAL INTERESTS
• Basketball, morning coffee, exploring beaches around the world, travelling, competitive skiing
SUMMARY OF SKILLS AND ACHIEVEMENTS

• Highly dedicated and self-motivated individual with exceptional time-management and organizational skills refined through balancing an academic career concurrent with a self-started business and extracurricular activities
• Excellent written and verbal communication skills, as well as ability to work in a team setting and individually achieved through 8 years of sales, teaching, and customer service experience
• Diverse scientific research and technical problem-solving experience
• Strong entrepreneurial spirit obtained through launching and managing a private business in science education
• Awards and Honors Achieved: Helen I. Battle Gold Medal and Scholarship in Zoology, The Western Scholarship of Distinction, Dean’s Honor List
• Multilingual in English, French, Spanish and Russian

EDUCATION

• Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
• Honors Bachelor of Science, Western University, Class of 2018

EXPERIENCE AND QUALIFICATIONS

• Biology Honors Research Thesis, Western University – Managed an independent research project assessing tissue isotopic discrimination and metabolic turnover, in association with its applications for tracing long-distance movements and presented findings in a final presentation on Biology Research Day
• Founder of a science-based tutoring and homeschooling company “Expert Private Tutor: Math, Science, English & more!”, GTA – Built the company website, launched various online marketing campaigns, prepared educational materials and tests tailored to addressing weaknesses of each student for individualized learning, recruited and expanded the client base receiving excellent feedback with an overall business rating on Google of 5.0
• Science Camp Coordinator, Le club de Débrouillards, UQTR, Quebec – Led and facilitated various science experiments and associated events for a group of students, conducted presentations and arranged special activities with invited speakers
• Volunteer at The Molecular Mechanisms of Morphogenesis laboratory, London – Worked with a PhD student looking at the molecular basis of the body plan of Drosophila melanogaster and used various gene silencing procedures to analyze their functions in growth and development, as well as obtained first-hand experience of working with a PhD level researcher

PERSONAL INTERESTS

• Team sports, languages, piano, clothing design, organization of events, sporting activities, cooking, baking and travel
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Diverse knowledge and in-depth understanding of pharmaceutical industry gained through three years of post undergraduate work experience as well as summer internships
- Outstanding communication and interpersonal skills developed through numerous customer-facing positions including sales, customer service and pharmacovigilance
- Ability to build relationships and influence health care professionals by managing high-level product and therapeutic discussions
- Outstanding time management skills, ability to prioritizing work and adapt to changing priorities
- Self-motivated and resilient individual with a strong commitment to learning and developing new skills
- Detail-oriented with strong analytical skills cultivated through experience as quality assurance associate
- Highly motivated team player committed to supporting the team
- Ability to adhere to tight deadlines while working under pressure

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
- Bachelor of Science, McGill University, Class of 2015
- Recipient of Hugh Brock Academic Excellence Scholarship

EXPERIENCE AND QUALIFICATIONS

- Sales Representative & Marketing and Customer Service Associate, Wellesley Therapeutics – Gained extensive experience and successful track record in pharmaceutical sales, marketing and customer service.
- Quality Assurance Associate, Adjuvantz Inc. – Implemented corrective and preventive actions for deviations. Assisted with external and internal audits. Wrote and reviewed SOPs and work instructions
- Pharmacovigilance Intern, Glaxosmithkline – Collected adverse events data and medical history from patients and health care professionals. Reported events to regulatory authorities within required timelines. Monitored multiple literature databases to identify adverse events pertaining to company’s products
- Marketing and Sales Intern, Hoffman- LaRoche – Developed detailed market analysis of competing medications. Assisted in the creation of promotional materials to strengthen the product knowledge
- Regulatory Affairs Intern, Eczacibasi & Baxter- Assisted with all regulatory applications, reports and correspondences. Reviewed regulatory submission and monitored recent industry regulations
- Research Laboratory Intern, Bezmialem University – Assisted members of the research laboratory with all existing projects. Ran experiments including DNA isolation, PCR, Gel Electrophoresis, ELISA, COMET

PERSONAL INTERESTS

- Personal fitness, travel, cooking and trying new cuisines, reading, movies, lover and owner of dogs
SUMMARY OF SKILLS AND ACHIEVEMENTS

- Recipient of the FAPERGS scholarship award, which granted a year-long internship position at the Institut Pasteur, South Korea, 2012
- Highly motivated and adaptable; with a keen ability to navigate through new challenges and everchanging work environments
- Exceptional leadership and interpersonal skills, which were developed and refined as laboratory team lead at Tecnoplanta LTDA, Brazil
- Detail oriented; ability to effectively analyze data to best optimize results
- Solid organization and time management skills; ability to coordinate people under strict time constraints
- Strong verbal and written proficiency, fluent in both English and Portuguese

EDUCATION

- Master of Biotechnology, Biopharmaceuticals stream, University of Toronto, Class of 2021
- Bachelor of Bioprocess Engineering and Biotechnology, Universidade Estadual do Rio Grande do Sul, Brazil, class 2015.

EXPERIENCE AND QUALIFICATIONS

- Independent Thesis, Universidade Estadual do Rio Grande do Sul – Research project executed during my internship at the Centre of Neglected Diseases, Institut Pasteur, South Korea with a focus on drug discovery against Toxoplasmosis using High Throughput Screening (HTS). Experimentally testing 4000 anti-kinase compounds while introducing 4 new compounds with greater efficiency.
- Biotechnology Technician, Tecnoplanta LTDA – Development of Cassava micropropagation, establishing virus-free plants via meristem excision and cloning, verifying the optimal rich growth media supplemented with growth hormones. Managed laboratory workers that were designated to every undertaking project, solving team problems and setting daily duties to each member.
- Founder of Boombulge Menswear – Analysis of Brazilian market for imported versus national brands, cost of importation (taxation) and wholesaling accordingly to the Brazilian buying power.

PERSONAL INTERESTS

- Sports in general, Technology, Social events, Games (board and online), Music and Baking.