

# Master of Biotechnology



Class of 2019  
Student Profile Directory  
Co-op Program 2017-2018



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# DIRECTOR'S MESSAGE

## 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.

Helen Filipe, our Placement & Employer Relations Coordinator, 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, so please ensure to take full advantage of that. 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 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 & Associate Professor, Teaching  
Master of Biotechnology Program

# PROGRAM OUTLINE

## *MBiotech: Where Science Meets Business*

The MBiotech Program is a 24 month, course-based professional degree program that incorporates both science and business courses with 8 to 12 months of co-op experience in the biotechnology, medical device and biopharmaceutical industry. Launched in 2001 - with the goal of developing biotechnology professionals with scientific and management skills for this rapidly expanding 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. By drawing upon experienced professionals in the biotechnology sector, in addition to University of Toronto teaching faculty from the departments of Biology, Chemistry and Management, we provide a comprehensive curriculum. This, coupled with relevant job placements in industry and a strong focus on teamwork, provides our graduates with a truly interdisciplinary educational experience at a world-renowned university.

## *MBiotech and IMI: The Institute for Management and Innovation*

The Institute for Management & Innovation (IMI) is the hub 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.

### 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

# MBIOTECH CURRICULUM

The MBIotech Program 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 2018. 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

# CO-OP RECRUITMENT & SCHEDULING

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 Placement and Employer Relations Coordinator, 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.

**Work Term 1:**  
January to April

**Work Term 2:**  
May to August

**Work Term 3:**  
September to December

# 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



# SALARY GUIDELINES

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.

For full details, please visit the Ontario Ministry of Finance Website at: [www.fin.gov.on.ca/en/credit/cetc](http://www.fin.gov.on.ca/en/credit/cetc).

# 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

# PROGRAM CONTACT INFORMATION

For more information on hiring an MBiotech student:

Helen Filipe

Placement and Employer Relations Coordinator

Master of Biotechnology

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Institute for Management & Innovation

**UNIVERSITY OF TORONTO**

MISSISSAUGA

## STUDENT PROFILES

Abdus Anwar	10	Areeb Khan	31
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**Abdus  
Anwar**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Productivity-driven individual who seeks out creative ways to approach challenges and implements novel solutions. This skill has been reinforced in all research positions
- Excellent teamwork skills developed through co-heading the uOttawa iGEM team resulting in a gold (2013) and silver (2014) medal
- Superb leadership and communication skills developed through mentoring and through delivering workshops as a Let's Talk Science volunteer
- Advanced presentation skills acquired over hundreds of lab meetings as well as dozens of poster and oral presentations at conferences and elsewhere. Received OHRI Research Presentation Silver Medal
- Recipient of the prestigious Chancellor's Scholarship for the duration of my studies

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honors Bachelor of Science, Biochemistry, University of Ottawa, Class of 2016

## EXPERIENCE AND QUALIFICATIONS

- As a study group facilitator, developed leadership experience through organizing and executing facilitated study groups while supervising students and creating an environment conducive to learning
- Valuable project management and inter-organizational collaboration experience gained in a leading role at the uOttawa iGEM team
- Obtained international marketing and liaising experience through communicating with students and parents in China as an online ESL teacher/marketer
- Valuable and diverse biochemistry research and experimental design experience through six successful research internships both locally and internationally
- Extensive experience in a wide range of molecular biology techniques, bacterial and human cell cultures as well as the maintenance of mice as a research assistant at the OHRI, University of Lyon, and the University of Ottawa

## PERSONAL INTERESTS

- 3D Printing, martial arts, activism, entrepreneurship



**Caitlin  
Azzalini**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent time management skills demonstrated by successfully combining full-time studies, volunteering, part-time jobs and taking part in the University Women's Basketball team
- Self-motivated and reliable team member, capable of adapting to fast pace environments while maintaining a positive attitude
- Developed an innovative and creative mindset while designing marketing booths and boards for various smoking cessation campaigns
- Demonstrated excellent public speaking skills in various topics ranging from analytical chemistry, biotechnology, mental health and smoking cessation
- Bilingual in French and English

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, University of Toronto, Biotechnology specialist
- Dean's Honours List

## EXPERIENCE AND QUALIFICATIONS

- Fourth year research project, University of Toronto, Mississauga – amplified DNA via the Rolling Circle Amplification technique within a cellulose filter paper to further increase sensitivity of paper-based analytical devices
- Lab volunteer followed by summer Research Assistant in a Biosensor lab, University of Toronto, Mississauga – assisted graduate students with the synthesis and further decoration of Upconversion Nanoparticles for transfection into cells as a means for fluorescent imaging
- Campus Program Coordinator for Leave the Pack Behind – trained and operated a team of volunteers/staff members in various smoking cessation campaigns, with the responsibility of an \$800 budget and reporting to Head Office personnel with campaign performances
- Acquired excellent project management, leadership and problem-solving skills working with staff and volunteers as a member of the Peer Health Education program at the University of Toronto, Mississauga

## PERSONAL INTERESTS

- Basketball, hiking, running, skiing, international cuisine, movies, giving back to the community



**Anne-Marie  
Bisson**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent critical and analytical skills developed while planning and driving two research projects during an 8-month internship at Harvard Medical School
- Self-motivated, eager and independent learner that continuously seeks challenges and strives for excellence
- Acquired outstanding oral and interpersonal skills through numerous customer service, management and teaching assistant positions
- Exceptional multitasking and time management capabilities evidenced by achieving Dean's Honour Roll, while maintaining part-time work load and extracurricular involvement
- Highly adaptable team player that feels confident to lead and motivate others within the team in order to succeed and accomplish goals
- Bilingual (French and English)

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science in Biology (Biotechnology Specialization with Co-op), University of Waterloo, Ontario, Class of 2017
- University of Waterloo Dean's Honour Roll from 2012-2017

## EXPERIENCE AND QUALIFICATIONS

- Research internship, Harvard Medical School - Characterized and developed polymeric nanoparticles encapsulating targeted chemotherapeutics for prostate and breast cancer therapy
- Research internship, Harvard Medical School - Investigated the role of cholesterol in the acquisition of chemoresistance to Taxols in prostate cancer cells
- Teaching Assistant, University of Waterloo - Conducted weekly tutorials and provided individual student support in a third-year course pertaining to analytical methods used in molecular biology
- Research internship, Environment Canada - Led an 8-month independent project investigating the impact of soil homogenization on chemical and biological plant variability for toxicology testing purposes
- Restaurant Manager, Auntys Kitchen - Managed and trained crew members in a high-pressure environment
- Varsity Athlete, University of Waterloo - Participated in the soccer varsity team and earned "The President's Athlete Academic Honour Roll" award granted to students who achieve the Dean's Honour Roll while maintaining varsity commitments

## PERSONAL INTERESTS

- Canoe and bike camping trips, vegetarian cooking, option trading and personal fitness



**Maryam  
Boloursaz Mashhadi**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Critical thinker; thrives in challenging environments, as evidenced through a blend of different successes in both commercial and medical sides of the pharmaceutical industry
- A proven ability to guide and manage a project from inception to successful completion, as illustrated by my graduate thesis in the area of Clinical Trial Studies
- Received the Stallergenes Jumper Prize for my high contribution to a successful product launch by taking initiative and providing necessary insight to the team
- Organized and adept at prioritizing work as demonstrated through performing multitask projects during university, professional career, and committing to volunteer activities, in a timely manner
- Genuine team player committed to doing the tasks necessary to support organizational success; works equally well independently or within a team structure
- Publicized research author; demonstrated outstanding written and analytical skills through the publication of two peer-reviewed scientific articles, written as co-author

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Master of Science, Microbiology and Immunology, Azad University, Class of 2013
- Honours Bachelor of Science, Microbiology, Azad University, Class of 2007

## EXPERIENCE AND QUALIFICATIONS

- Commercial Roles, Sanofi (Cobel Darou) - Launched a successful career with this global pharmaceutical company as a Medical Sales Representative, earning successive promotions to Marketing Associate; supported the marketing team to set a company record for a new product launch by leveraging sound business acumen and competitive analysis to chart growth strategies with strong focus on market penetration model
- Medical Affairs, Stallergenes - Supported the company as a key medical resource for healthcare professionals in allergy immunotherapy (AIT) products; built and nurtured a network of External Experts (EEs) in a key therapeutic area
- Volunteering Experience, Masih Daneshvari Hospital - Supported practitioners to treat Tuberculosis patients, including refugees and children, by organizing educational sessions for patients as well as providing some logistical help

## PERSONAL INTERESTS

- Travelling, reading, outdoor activities, tennis and teaching



**Carlo  
Borghesi**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Highly self-motivated individual with a passion for tackling challenging projects
- Excellent teamwork and leadership skills, developed through a decade of competitive soccer and by taking a lead role in organizing medical and health education missions locally and abroad with an executive team
- Exceptional adaptability demonstrated by taking on challenging endeavours internationally, including the completion of a research project in Taiwan, organizing and leading two medical brigades in Honduras, and volunteering for a hospital emergency room in the United States
- Strong interpersonal skills cultivated through fulfilling multiple roles while working 11 years in the service and hospitality industry
- Outstanding time management exemplified by balancing undergraduate extracurricular activities and hobbies while simultaneously maintaining high academic achievement

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science with High Distinction, Double Major in Physiology and Health and Disease, University of Toronto, Class of 2016, Dean's Honour List
- Two-time recipient of John J. Sebisty Scholarship for academic excellence (2015,2016)

## EXPERIENCE AND QUALIFICATIONS

- Vice President and Co-Founder of University of Toronto Global Brigades – as part of an executive team, planned and executed medical, dental, and public health brigades which provided healthcare and health education to over 3000 patients in rural Honduran communities
- Research assistant at SickKids Hospital – conducted psychiatric and cognitive measures on young leukemia survivors as part of a study examining the long-term effects of chemotherapy on brain development
- Research student at National Chiao Tung University, Taiwan – completed a research project in human biology examining the effects of cell starvation on mitochondrial morphology and cell activity
- Server at the Fallsview Keg Steakhouse and Bar – serviced large guest parties in a bustling restaurant environment. Communicated customer requests to a night staff often exceeding 100 employees

## PERSONAL INTERESTS

- Soccer, electric guitar, reading, travelling, personal fitness





## Hind Boujaoude

### SUMMARY OF SKILLS AND ACHIEVEMENTS

- Outstanding work ethic and time management shown by being a consistent Dean's Honour List recipient while balancing numerous extracurricular activities
- Pro-active team member with enhanced problem solving skills exemplified by winning the best delegation award at international Model United Nations conferences that consisted of collaborating with individuals from around the world to solve global issues
- Detail-oriented with strong analytical skills cultivated through coursework and undergraduate research project which required extensive literature searches and analysis of high volume data
- Excellent interpersonal and leadership skills honed by mentoring, teaching, and community outreach
- Exceptional verbal and written communication skills; fluent in English, Arabic, and French

### EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Biotechnology Specialist and Chemistry Minor, graduated with High Distinction, University of Toronto Mississauga, Class of 2017
- Dean's Honour List (2014, 2015, 2016, 2017)

### EXPERIENCE AND QUALIFICATIONS

- Research Opportunity Program, U of T Mississauga: Investigated outcome switching in clinical trials by tracking the evolution of primary & secondary outcomes throughout journal publications, U.S. prescription indications, clinical trial registries and submission files to the FDA, supervised by Dr. Jayson Parker
- Student rep at annual Model United Nations conference at Georgetown University (Doha, Qatar) and Lebanese American University (Beirut, Lebanon): Managed team recommendations and presented a proposal of resolutions to issues being discussed throughout the conference of over 200 fellow delegates
- Peer-Facilitated Study Group Leader, Robert Gillespie Academic Skills Centre: Mentored undergraduate students through weekly sessions and collaborated with course instructors to construct study group routines
- Teacher's Assistant, Institut Technique Franco Libanais: Guided Syrian refugees transitioning into the Lebanese educational system by reviewing and reinforcing their knowledge of the required English, Arabic, and math concepts
- Upper Year Residence Community Representative, University of Toronto Mississauga: Managed interactions and facilitated bi-directional communication between residence students and housing staff to address student needs efficiently

### PERSONAL INTERESTS

- Swimming, skiing, writing, traveling, entrepreneurship and innovation

Where science meets business.



**Derong Lulu  
Chiu**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Well-rounded and highly motivated individual capable of excelling in dynamic and challenging environments
- Excellent time management and organizational skills demonstrated by balancing part-time work and extra-curricular activities while achieving a 3.8/4.0 GPA during final two years of undergraduate studies
- Exceptional oral and written communication skills developed through presenting at seminars and working at TD Canada Trust
- Strong leadership and teamwork skills acquired by working as an executive member of student council and interning at the New College Dean's Office
- Outstanding sales and customer service abilities as evidenced by regularly exceeding sales goals in competitive retail environments

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, University of Toronto, Class of 2016
- Recipient of New College Haylon Chan Memorial Award for academic achievement
- Recipient of New College Council In-Course Scholarship for academic achievement

## EXPERIENCE AND QUALIFICATIONS

- Course Work in Advanced Seminar in Health and Disease – conducted literature search and review, grant proposal writing and oral presentations. Gained the ability to communicate health science topics effectively to peers and professionals
- Customer Service Representative, TD Canada Trust – performed financial transactions, educated customers of investment and other financial opportunities at TD. Regularly exceed monthly sales goals
- Intern, Dean's Office, New College, University of Toronto – Successfully developed and executed two new academic assistance programs. Hired, trained and managed a group of 20 student mentors for these programs
- Sales and Marketing Associate, Quick Digital Print – Acquired experience in sales, marketing, e-commerce, and branding through managing brand launch and working on sales lead generation
- Volunteer, St. Michael's Hospital – Hospital liaison in the Intensive Care Unit and Gastroenterology Unit. Contributed to the overall efficiency of the department by communicating issues and concerns of patients and visitors to hospital staff
- Athletic Director, New College Student Council – Supervised all intramural sport teams at New College

## PERSONAL INTERESTS

- Traveling, cello, dragon boat, marathons and personal fitness



**Max  
Clayson**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Highly motivated individual with the flexibility to adapt to new challenges
- Excellent communication skills developed through research presentations and club promotion
- Experienced leader with strong interpersonal abilities proven through roles as a Movember team leader, soccer coach, and rehabilitation assistant
- Effective independent worker with high attention to detail demonstrated through completion of an honours thesis project
- Capable of clear and effective writing in general and scientific formats demonstrated through research reports and course papers

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Biomedical Science, University of Ottawa, Class of 2017

## EXPERIENCE AND QUALIFICATIONS

- Honours Thesis Project, University of Ottawa - Investigated the role of substance P in the extreme hypercapnia tolerance of naked mole-rats
- Poster Presentation Winner, Undergraduate Research Conference, Nipissing University
- Fourth Year Representative, Bio-X, University of Ottawa - Promoted events through presentations and social media to increase club awareness and event attendance
- Cardiac Rehabilitation Assistant, Orillia Soldiers' Memorial Hospital - Implemented clinic forms and operated ECG and blood pressure equipment
- Movember Team Leader - Recruited a group of 24 participants to raise over \$2000 for the Movember Foundation
- Medical Clinic Volunteer, VIDA Volunteer - Collaborated with team members and physicians to efficiently diagnose and treat over 1000 residents of underprivileged communities in Central America

## PERSONAL INTERESTS

- Cooking, fishing, biking, technology, and hockey



**Matthew  
Costa-Parke**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Highly motivated and adaptable individual with extensive experience working in groups and independently
- Strong communication and listening skills strengthened through involvement with numerous student organizations, volunteer positions, and customer service based occupations
- Exceptional organization and time management skills demonstrated by simultaneously managing course work, extracurricular responsibilities, designing a new experimental protocol for lab use, and assisting other lab technicians with projects
- Excellent written and oral presentation skills developed through undergraduate and graduate level courses and research

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Life Science, Minor in Biochemistry, McMaster University, Class of 2017
- Dean's Honour List (2014–2017) and graduated with distinction

## EXPERIENCE AND QUALIFICATIONS

- Independent Research Project, McMaster University - Designed and tested a new experimental protocol to measure cellular immunity in an insect model which was used by graduate students on a corporately funded research project. Supervised by Dr. David Rollo
- Marketing Associate and Certified Industrial Technician, DS Parke Solutions - Marketed and demonstrated a high-tech safety flooring solution to major companies. Independently planned logistics of product installations and coordinated a team to ensure results exceeded company standards
- Communications Executive, McMaster Alzheimer's Society - Collaborated with a team of executives to organize and plan an annual fundraising event (Walk for Memories) which generated \$24,000 exceeding our target goal
- Patient Care Assistant, East GTA Family Health Team - Quickly learned and operated a customer database to maintain medical records and developed strong rapport with patients through exceptional interpersonal skills

## PERSONAL INTERESTS

- Animal conservation, baseball, cooking, hiking, hockey, and personal fitness



**Riley  
Cox**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Substantial leadership, management and collaboration skills as the head of a team in a highly-successful venue in the entertainment industry
- Outstanding customer service and interpersonal skills through years of serving guests and working on teams in fast-paced and dynamic environments
- Considerable independent research, data analysis and critical thinking abilities resulting in a published research paper
- Extensive marketing, promotion and event planning experience in both the profit and not-for-profit sectors
- Impeccable organizational skills and attention to detail ensuring consistently smooth operation of all responsibilities in multiple industries

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Bachelor of Science, Biomedical Physiology, Simon Fraser University, Class of 2009

## EXPERIENCE AND QUALIFICATIONS

- General Manager, Texas Mickey Holdings Ltd. – Oversaw the daily operation of all aspects of the business while setting and adhering to budgetary guidelines and goals, regularly exceeding targets. Lead and managed a team, including recruitment and training of all staff members, to provide the highest level of customer service in the industry
- Administrative Assistant, BC Cancer Research Centre – Supported the internal team of oncology physicians, research scientists, students and administrative staff in the Department of Advanced Therapeutics. Independently handled the procurement of all supplies required for critically-timed experiments and provided regular financial updates to assist research groups with budgeting
- Co-authored a published research paper with Dr. Andrew Laing, investigating the effects of advanced age on the cervical spine in a rat model
- Collaborated with a number of teams to create and produce numerous, creative events for a variety of charities, such as the Dr. Peter AIDS Centre and The Movember Foundation, raising awareness and funds for crucial causes

## PERSONAL INTERESTS

- Travelling, music, animals, personal fitness, nutrition



**Lindsay  
Dawson**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent interpersonal skills and leadership. Recipient of the 2017 Dale Lackeyram Award for innovation, professional integrity, leadership, and motivation in education
- Advanced critical, analytical, and strategic thinking, developed through coursework and research projects. Recipient of 2017 Bio-Medical Sciences Research Award of Merit
- Outstanding verbal communication in clinical, academic, and public settings, with an emphasis on effective and engaging presentation skills
- Project management and team collaboration in professional, clinical, academic, and community settings. Special experience as liaison between members of cross-functional medical and research teams
- Superb written communication skills, specializing in scientific writing and plain language

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Bio-Medical Science, University of Guelph, with distinction, Class of 2017

## EXPERIENCE AND QUALIFICATIONS

- Communicated with various cross functional medical teams and the public as a veterinary assistant at the Ontario Veterinary College, Minden Animal Hospital, and Rosskopf Veterinary Services. Enhanced understanding of clinician-representative relationship through interactions with various veterinary professionals and pharmaceutical representatives
- Managed undergraduate research project, including organization of volunteers and tasks, acquiring project participants, obtaining ethical approval, organizing equipment, and scheduling and executing data collection in the field
- Initiated hardcopy and social media marketing campaigns at McLaughlin Library that tripled workshop attendance
- Developed creative educational plans by analyzing the evolving needs of students in individual consultations and surveys. Conducted public workshops and private consultations regarding time and project management skills, writing and communication, learning, and presentation skills as a learning and writing tutor in a university learning center
- Developed strong relationships between University of Guelph students and the City of Guelph by organizing campus events and leading teams of 30-50 students to complete volunteer work in the Guelph Community, while facilitating student reflection

## PERSONAL INTERESTS

- Recreational powerlifter, football, equestrian, lover of all animals - great and small



**Kiefer  
Eaton**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Academic excellence demonstrated through receipt of merit-based scholarships every year of undergraduate study in addition to entrance scholarship and various course-based awards
- Forward-thinking growth mindset individual with positivity towards stress and challenges while remaining realistic about expectations from self and others that encourages teamwork and collaboration
- Natural competitor in various facets of life from academia to hobbies, constantly seeking opportunities to exceed expectations and work towards a diversity of milestones
- Adaptable to a variety of working conditions, intrinsically motivated to put the best work forward regardless of the task, balances work and academic life with a pursuit towards personal goals

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Biochemistry, McMaster University, Class of 2016

## EXPERIENCE AND QUALIFICATIONS

- Research Assistant at McMaster University, responsible for collecting and analyzing mortality data from hundreds of papers and organizing relevant statistics in concise, academically written manner for meta-analysis paper published in Psychotherapy and Psychosomatics
- Clinical Volunteer and Coordinator at McMaster University Children's Hospital and Southlake Hospital, involved in auditing medical procedures for proper aseptic techniques, coordinating between patients and nurses, and compiling clinical data for analysis presentation
- Isolated, crystallized, and characterized dihydrofolate reductase protein in small groups under supervision of graduate students and presented data to professors and academic colleagues in a detailed manner
- Monitored, ordered, and dispensed prescriptions for hundreds of patients working with physicians and nurses in attached clinic as a pharmacy assistant; consulted patients on medication compliance, ensured patient safety through accurate dispensing and completed electronic medication reports of narcotics and other controlled substances

## PERSONAL INTERESTS

- Powerlifting, Super Smash Bros. Melee, game design, digital audio design, poker, cooking





**Thomas  
Ernert**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Confident and focused individual with the ability to motivate others towards a collective goal, demonstrated through several leadership roles such as academic research, organizing formal events, and coaching
- Critical thinking and innovative problem solving skills that compliment fast-paced environments as demonstrated through volunteering at the Alberta Children's Hospital
- Effective presentation skills exhibited by completing an honours thesis defense and presenting research results across Alberta to audiences of up to 50 people
- Strong interpersonal skills exemplified as a research assistant through building relationships with depressed Parkinson's disease patients, to improve their quality of life through fitness
- Multilingual – English, German, and French

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Health Sciences, Biomedical Sciences with a minor in business, University of Calgary, Class of 2016

## EXPERIENCE AND QUALIFICATIONS

- Marketing internship, Calgary Diabetes Association – Successfully increased awareness for the Calgary Clothesline Program through the creation of a local advertisement campaign, community outreach, and creating an online presence
- Honours thesis project, University of Calgary – Study aimed at increasing the quality of life of Parkinson's disease patients by improving mobility through physical activity
- Volunteer, Alberta Children's Hospital, Research Assistant – Informed and enrolled patients into studies while ensuring proper precautions were respected to protect confidential patient information; was asked to stay on as a paid employee
- Volunteer, Health Sciences Student Association, Fourth-Year Rep and Vice President of Events – Planned and coordinated multiple events over a two-year period and ensured financial stability by raising an excess of \$1000 in sponsorships
- Summer Research Student, Hotchkiss Brain Institute–Calgary Foothills Hospital – Clinical research project examining the impact of exercise on individuals diagnosed with Parkinson's disease and depression
- Coach, Calgary Climbing Centre – Worked with athletes to reach their full potential by not only training, but motivating them to maintain a well-rounded and healthy lifestyle

## PERSONAL INTERESTS

- Rock climbing, backcountry skiing, travelling, photography, and ultimate frisbee





## Coral Fairhead

### SUMMARY OF SKILLS AND ACHIEVEMENTS

- Exceptional written & oral communication skills demonstrated via academic, research and industry projects
- Skilled at building collaborative relationships within and across departments while developing strategies
- Proven ability to work efficiently in a team and adhere to tight deadlines while working under pressure
- Strong project management skills acquired through various research and industry projects
- Notable initiative and leadership demonstrated through process creation and establishment as well as organizing, tracking and delivering divisional training
- Competent at reading, writing and speaking conversational French

### EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Ontario Graduate Scholarship (\$15,000), awarded to one student in the Master of Biotechnology program, based on academic excellence, research contributions, and career aspirations (2017)
- Honours Bachelor of Science, Molecular Biology and Genetics (Co-op), summa cum laude, Dean's Honours, McMaster University, Class of 2015
- The University Senate Scholarship (\$800) awarded for academic excellence (2012, 2013, 2014)
- Institute for Infectious Disease Research Undergraduate Student Fellowship (\$1000) awarded for academic excellence and a proposed research project (2013)

### EXPERIENCE AND QUALIFICATIONS

- Drug Safety Associate at GlaxoSmithKline – Assessed adverse events, delivered divisional training, supported a Health Canada pharmacovigilance audit, recognition awards for exceptional performance and business impact as well as for promoting resiliency as a member of divisional and departmental social committees
- Undergraduate Thesis Student at SickKids (Dr. Maarten Egeler Lab) – Demonstrated the susceptibility of a paediatric brain tumour to activated natural killer cells in vitro by investigating cytotoxicity and surface protein expression on tumour/natural killer cells, presented research at Ontario Biology Day (2015), first author on a published review article
- Research Student at SickKids (Dr. Janet Rossant Lab) – Investigated the effect of in vitro culture on rat preimplantation embryo development by assessing differences in 3D morphology and protein expression
- Research Assistant at McMaster University (Dr. Marie Elliot Lab) – Stimulated production of novel antibiotics in bacteria that target multidrug resistant pathogens and applied recombinant DNA technology to study bacterial protein function in vivo

### PERSONAL INTERESTS

- Piano and guitar, board games, cooking/baking, hiking, gardening

Where science meets business.



**Lauren  
Ferguson**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Extensive verbal communication and interpersonal skills developed through working as a gymnastics coach and as an instructional assistant
- Strong analytical and research expertise acquired throughout undergrad, most notably through various seminar courses in addition to a market research co-op position
- Formal communication and presentation abilities advanced by means of multiple seminar presentations throughout undergraduate degree
- Exhibited robust leadership aptitude by successfully instructing gymnastics classes of 5-15 children of various ages and skill levels, and leading chemistry labs of 20-30 students

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Health Science, Wilfrid Laurier University, Minors in Biology and Chemistry, Class of 2017
- Dean's Honour List, Wilfrid Laurier University 2015-2017

## EXPERIENCE AND QUALIFICATIONS

- Chemistry/Biochemistry Instructional Assistant, Wilfrid Laurier University – Supervised laboratory activities and assessed submitted reports; met and corresponded with students to assist with assignments and reports
- Human Resources/Health & Safety Co-op Student at Salit Steel – Maintained H/S section of the Intranet and tracked training; assisted Coordinator with day-to-day aspects of employee training and preparation of H/S manuals for sites
- Market Research Co-op Student at Convergent Telecom – Investigated the use of tablet-based applications in the home-healthcare setting through phone interviews with individuals in the industry; used Microsoft Access database to compile data
- Recreational/Competitive Coach at Lightning Gymnastics – Worked with 200+ athletes over 8 years promoting a positive sport environment for all; developed a bridging program to help young athletes transition from the recreational to competitive program
- LSPIRG Governance Committee Member – Reviewed applications from clubs and groups on the Laurier campus for funding and partnerships from LSPIRG; reviewed and voted on proposed policy changes for LSPIRG members and partners

## PERSONAL INTERESTS

- Gymnastics, personal health & fitness, yoga, travel, reading novels



**Devin  
Gordon**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Refined public speaking and presentation skills developed through experiences in both academic and professional settings
- A wide variety of experience culminating in a well-rounded individual capable of taking on many tasks
- Entrepreneurial spirit and a drive to perpetually better myself and those around me
- A quick learner always eager to try new things
- Strong time management skills cultivated while operating a small business

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Double Major in Medical Sciences and Psychology, University of Western Ontario, Class of 2017
- University of Western Ontario Dean's Honour List

## EXPERIENCE AND QUALIFICATIONS

- Generated \$26,000 of revenue in four months while operating a small independent window and eaves trough cleaning business, leading to recognition as the top earner in the government of Ontario's Summer Company Program
- Coordinated a diverse team of professionals developing a healthcare mobile app (FrzMyEggs), leading to its April 2017 launch on the iOS and Google Play stores
- Investigated the experience of gestational surrogates in Canada as well as motivating factors for oocyte cryopreservation patients while research assistant to Dr. Samantha Yee at CReATe Fertility Centre in Toronto
- Served as Vice-President of Finance, and then of marketing for the Western Psychology Association, a club on campus dedicated to providing UWO psychology students resources to further explore psychology
- Visited elementary school students on a monthly basis for two years while volunteering for Let's Talk Science, educating them on various topics relating to Science, Technology, and Engineering
- Undergraduate coursework in cognitive neuroscience, managerial accounting, business analysis, cognitive psychology, life sciences

## PERSONAL INTERESTS

- Skiing, hockey, reading, personal fitness, Toronto Blue Jays and Toronto Maple Leafs



**Marta  
Haniszewski**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent time-management, experimental design and critical thinking skills developed in fourth-year honours thesis project
- Exceptional oral and written communication skills demonstrated through analyzing and presenting data to supervisor and peers in multiple independent study projects
- Strong leadership and interpersonal skills displayed in extra-curricular activities including acting as a University College Orientation Leader and E-Mentor
- Demonstrated expertise in leading and participating in a collaborative international research project with extensive digital communication of project plans and results

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Recipient of Merck Graduate Scholarship in Biosciences and Biotechnology and Amgen Canada Fellowship in Biotechnology
- Honours Bachelor of Science, Specialist in Molecular Genetics and Microbiology and Minor in Immunology, University of Toronto, Class of 2017 (Dean's List Scholar)
- Recipient of University of Toronto President's Scholars of Excellence Scholarship

## EXPERIENCE AND QUALIFICATIONS

- Undergraduate Honours Thesis, University of Toronto – Studied the nematode worm *Caenorhabditis elegans* as a model of the human neurovascular disease Cerebral Cavernal Malformations (CCM), focusing on discovering drug therapies for CCM patients
- Biochemistry Summer Research Program, University of Toronto – Studied protein homeostasis in *Escherichia coli* by examining the functional cooperation between the AAA+ protease ClpXP and the ribosome-associated chaperone Trigger Factor
- Volunteer Facilitator in the Hands-On Biodiversity Gallery at the Royal Ontario Museum (ROM) – Acted as ambassador to welcome and explain scientific concepts to visitors of all ages and educational backgrounds
- Sunnybrook Hospital Research Institute Laboratory Assistant – Increased organization and safety of lab by researching, writing and compiling laboratory protocols and standard operating procedures
- Orientation Leader for University College Orientation Week – Collaborated with other student leaders to plan and organize social and academic events, and create a welcoming and friendly environment for incoming students

## PERSONAL INTERESTS

- Reading, painting, digital art, biking, photography, hiking, baking and travel



**Usman  
Hassany**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Commendable written and oral communication skills enhanced through writing scientific literature reviews, delivering seminar presentations and operating in various team settings
- Interpersonal skills strengthened through countless interactions with colleagues and patients while working as a hospital volunteer, a Pharmacy Assistant, and a Medical Responder
- Strong leadership and organizational skills displayed through conducting student study sessions, supervising hospital volunteers and assuming a leadership role in the Health and Safety Committee
- Effective analytical and technical computer skills demonstrated through conduction of literature searches and detailed analysis and review of literature using Microsoft Office

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science with High Distinction, Biology for Health Sciences Major and Psychology Major, University of Toronto, Class of 2015
- Dean's Honour List

## EXPERIENCE AND QUALIFICATIONS

- Pharmacy Assistant, Shoppers Drug Mart Patient Contact Center - Operated in a team of Pharmacists and Pharmacy Assistants to ensure patient adherence to medical regimens through refill reminder calls
- Part-time Tutor, Tutor Doctor - Provided tutoring to high school students for science and mathematics courses to assist them with concept clarification, preparing study notes and homework completion
- Facilitated Study Group Leader, Robert Gillespie Academic Skills Center - Conducted weekly study group sessions for first-year biology students with a focus on clarifying concepts, following effective study schedules and developing strategies for exam preparation
- Emergency Department Volunteer/Trainer, Credit Valley Hospital - Manage patient and visitor flow throughout the department and supervise and train new volunteers as required
- Emergency Medical Responder, Erindale College Special Response Team - Operated in teams of Emergency Medical Responders to provide immediate and effective first aid coverage to staff, students and visitors
- Stability Summer Internship, Mylan Pharmaceuticals ULC - Organized and electronically archived Stability documents and assisted with lab support functions to enable efficient functioning

## PERSONAL INTERESTS

- Basketball, cricket, community involvement/volunteering, spending time with family and friends



**Michelle  
Joseph**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Strong communication skills across a variety of formats gained through course-based reports, presentations and employment as a student advisor and academic facilitator
- Reliable and versatile collaborator demonstrated by participating in a multidisciplinary team research project as a Research Assistant
- Exceptional intercultural competence and interpersonal skills when communicating confidential and sensitive information as a Student Recruitment Assistant
- Proven to increase social media interactions of a highly reputable institution by creating engaging and informative content directed at a target audience as a Marketing Student Recruitment Assistant
- Excellent time management exemplified by balancing a rigorous academic schedule, employment and volunteer positions

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Neuroscience & Human Biology, University of Toronto, Class of 2017
- Graduated with High Distinction and on the Dean's List in recognition of academic excellence

## EXPERIENCE AND QUALIFICATIONS

- Research Assistant, LiNC Lab at the University of Toronto Scarborough – Contributed as the sole neuroscience specialist in an academically diverse team to validate a mathematical model of error correction that mimicked a biological neural network
- Immunology Seminar Facilitator, Department of Biological Science at the University of Toronto Scarborough – Piloted a weekly discussion session for up to 300 upper year immunology students with minimal instruction to supplement lecture materials and introduce practical applications
- Marketing Student Recruitment Assistant, Department of Admissions & Student Recruitment at the University of Toronto Scarborough – Managed the social media accounts to increase the profile and maximize exposure to a larger applicant pool, with campaign results revealing the highest interaction rates since the profile's inception
- Vice President of Finance, Chi Sigma Xi Sorority – Redeveloped outdated finance regulations to maximize clarity and record-keeping while ensuring financial goal and budgets were maintained
- Pharmacy Assistant, Ellesmere Pharmacy – Prepared and dispensed prescriptions with a high degree of customer service to ensure consumer satisfaction

## PERSONAL INTERESTS

- Field hockey, basketball, camping, teaching, reading, movies and podcasts



**Shivani  
Kadakia**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Acquired excellent analytical skills through experiences as an analyst at a financial institution and through lab-based coursework
- Gained strong communication skills through various teaching experiences and working with students of all ages
- Developed the ability to adapt to new environments through teaching and coaching experiences in various settings
- Reliable team player with previous experiences collaborating in a team environment

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science in Biology, Physiology specialization, McMaster University, Class of 2015
- Dean's Honours List (2011–2015), McMaster University

## EXPERIENCE AND QUALIFICATIONS

- Fraud Chargeback Analyst, Canadian Imperial Bank of Commerce - Analyzed incoming fraud cases and efficiently processed the chargeback. Trained incoming members (~15 people), in groups and individually, with the chargeback process
- Undergraduate Thesis Project, McMaster University - Studied the effect of auditory stimulus regularity on the sound representation in the auditory cortex, using an electroencephalogram. Supervised by Dr. Laurel Trainor
- Teaching Assistant, McMaster University - Led weekly tutorials and facilitated discussion in-tutorial and online, for the introductory psychology course. Worked together with fellow teaching assistants to create tutorials and practice questions
- Tutor, Learna Brampton - Tutored students from kindergarten to grade eleven in English and mathematics concepts according to the Ontario curriculum
- Assistant Coach, Special Olympics - Coach teams in various sports, such as soccer, bowling and swimming. Guide and encourage athletes during weekly practices and tournaments
- Event Services Host, Pan/Parapan American Games, Toronto - Participated in various roles such as usher, marshal, access monitor and provided exceptional service to spectators and athletes

## PERSONAL INTERESTS

- Art/painting, biking and reading





**Jack  
Kang**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent project management and problem solving skills developed through independent research projects
- Exceptional verbal and written communication skills developed through regular reporting of experimental results
- Broad background in chemistry and biology, which provides a full understanding of the synthesis and function of both traditional drugs and novel biologics
- Outstanding customer service and client management skills acquired from working as part of an Alumni Development team and from working in retail
- 2014 International Biology Olympiad silver medalist

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Bachelor of Science, Chemistry, First Class Honours, University of Calgary, Class of 2017
- Dean's List, University of Calgary

## EXPERIENCE AND QUALIFICATIONS

- Honours Thesis Project, University of Calgary - Worked towards developing an efficient and versatile synthesis for Pseudaminic acid and analogues
- Research Student, University of Calgary - Investigated the role of cytokines in a mouse model of *S. pneumoniae* induced pneumonia and sepsis using microscopy, animal experiments, and biochemical assays
- Student Researcher, University of Calgary Development Office - Using traditional and online methods, found new contact information for alumni no longer in touch with the University and reached out to them to update information and maintain good relationship on behalf of the University
- Team Leader, Edible Arrangements Crowfoot - Led the weekend team to ensure timely completion of orders that exceeded quality baselines

## PERSONAL INTERESTS

- Beer brewing, cooking, skiing, chemistry





**Areeb  
Khan**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Outstanding organizational and time management skills, established while balancing a demanding academic schedule with part-time employment
- Exceptional leadership, teamwork, and interpersonal skills developed through a management level position at Petro-Canada
- Excellent written and verbal communication skills acquired from numerous academic projects and presentations
- Thorough understanding of both the practical and theoretical aspects of several molecular biology techniques, developed through a number of comprehensive research based courses, including an independent research project
- Highly motivated and hard-working individual with a proven academic record as evidenced by reception of a number of awards, including Dean's Honour Roll

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Biology (Biomedical Science Major), York University, Class of 2017
- Member of Dean's Honour Roll
- Recipient of York University Continuing Student Scholarship for Academic Excellence

## EXPERIENCE AND QUALIFICATIONS

- Honours Thesis Student, York University – Investigated the role of protein sumoylation on transcriptional regulation in *Saccharomyces cerevisiae*
- Supervisor, Petro-Canada – Managed a team of up to 12 individuals to achieve company designated sales targets. Received Most Valuable Employee and Customer Service Excellence awards
- Pharmacy Assistant (Co-op), Shoppers Drug Mart – Worked within a team of 6 individuals to prepare and dispense prescriptions. Assisted in creating a safe and efficient environment dedicated towards maintaining patient satisfaction
- Commissioner/Co-Founder, Ontario Men's Basketball League – Organized and managed a recreational basketball league consisting of 42 members

## PERSONAL INTERESTS

- Hockey, basketball, travelling, hiking, and reading



## Samantha Kokonis

### SUMMARY OF SKILLS AND ACHIEVEMENTS

- Exceptional organizational and time management skills gained by serving as Head of Arts, Trinity College's student body president, while balancing volunteering and extracurricular activities with a full course load
- Effective problem solving, time management, and critical thinking skills developed through independent research project experience
- Talented at both content development and presentation of workshop and training seminars, honed through delivering weekly presentations as Mental Health Programming Lead
- Strong managerial skills developed through training and leading over 80 orientation week leaders
- Excellent project management skills, exemplified through the planning and execution of over 50 student events including formals, conferences, workshops, and fundraisers

### EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science (High Distinction), Genetics & Biotechnology, University of Toronto (Trinity College), Class of 2017
- Dean's List, University of Toronto, 2014–2017

### EXPERIENCE AND QUALIFICATIONS

- Honours Thesis Project and Research Assistant, University of Toronto – Investigating cytokinetic interactions of human anillin with supervisor Dr. Andrew Wilde (NSERC Undergraduate Student Research Award)
- Community Wellness Program Assistant, Trinity College – Collaborated with campus and community partners to tailor health and wellness related programming to Trinity's 1,800+ undergraduate students
- Mental Health Programming Lead, University of Toronto – Led a dedicated team of peer health educators in creating and implementing mental health workshops, student-driven programming, and a campus-wide conference
- President, Trinity College Women in Leadership – Founded a mentorship program for female undergraduate students at Trinity College, organizing alumni events, career panels, and networking socials
- Orientation Leader Coordinator, Trinity College – Created and delivered an in-depth training program for 80+ student leaders, as well as 400+ incoming students
- Laboratory Technician, University of Toronto – Maintained necessary laboratory supplies of stock solutions and plates for student researchers

### PERSONAL INTERESTS

- Baseball, volleyball, music, painting, skiing, baking, kayaking, and camping



**Elliott  
Law**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Excellent Presentation skills acquired through course-based oral reports on topics relevant to the pharmaceutical and biotechnology industry
- Professional written and verbal communication skills developed from writing and defending a thesis project and an independent research project with a small biotechnology company
- Strong project management abilities strengthened by creating, negotiating and fulfilling project milestones and deliverables as a Research and Development Technician
- Customer service, conflict resolution and leadership skills demonstrated through experience working as a Produce Clerk and Lead Banquet Server
- Two years of team-based community outreach supporting cancer prevention and cardiovascular health management

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Bachelor of Applied Technology – Biotechnology, Fanshawe College, Class of 2013
- Deans Honours List, Fanshawe College, 2015-2017
- Distinguished Student of Technology Graduation Award, Fanshawe College, 2017

## EXPERIENCE AND QUALIFICATIONS

- Research and Development Technician at BLES Biochemicals Inc. – Categorized and disseminated information from 40 method papers to test the quality profile of the BLES pharmaceutical while managing a \$4000 consumables budget
- Undergraduate thesis project in collaboration with BLES Biochemicals – Exploring the potential of HPLC with various detection systems to analyze and quantify lipid reference standards
- Lead Banquet Server at Bellamere Winery – Managed five banquet servers, assigning activity roles and a reporting schedule during wedding and corporate events with upwards of 200 guests
- Produce Clerk at No Frills – Provided customer service to patrons, trained new employees and led teams to close the store efficiently on weekdays
- Cancer Screening Volunteer at the Canadian Cancer Society – Promoted colorectal, breast and lung cancer screening services and resources to the LGBT+ community in London, Ontario
- Cardiovascular Health Volunteer at The Heart and Stroke Foundation – Assisted in the organization of community cardiovascular health programs for elementary school children and local businesses

## PERSONAL INTERESTS

- Badminton, tennis, squash, community outreach and personal fitness



**Richard  
Lech**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Driven professional with excellent time management skills developed through coordinating and executing an international scale-up project in the European medical device sector
- Strong ability to write clearly and effectively in both science-based and conventional writing schemes developed through various research projects and reports
- Business savvy nature with an exceptional sense for identifying areas of opportunity and risk refined through frequent business intelligence reports for competitive and potential ventures
- Proven leadership capabilities gained during extracurricular activities, with the ability to quickly become trusted by team members and adapt to various personality types
- Adaptable personality displayed through an eagerness to seek industry experience through international opportunities

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honour's Bachelor of Science, Biology, Wilfrid Laurier University, Class of 2016

## EXPERIENCE AND QUALIFICATIONS

- Technical Writer, Bowil Biotech - One of five key team members dedicated to a \$5M international scale-up project focused on refining the production process of neuro-surgical implants in collaboration with DePuy Synthes
- Honours Thesis Project, Wilfrid Laurier University – Managed an independent research project under the supervision of Dr. Suits and Dr. Weadge that focused on identifying drug-targets expressed by *Treponema denticola*; a pathogen linked to periodontitis
- Instructional Assistant, Wilfrid Laurier University – Led weekly practical laboratory seminars that complemented theoretical lessons on cloning, recombinant protein production and protein purification
- Undergraduate Research Project, University of Toronto (IMS) – Constructed an experimental model that encompassed an activity-based protein profiling methodology to study Serine Hydrolase activity in a diabetic mouse model (AKITA)

## PERSONAL INTERESTS

- Alpine ski racing, sailing, soccer, travel, photography, architecture and sound design



## Markshun Mahadevan

### SUMMARY OF SKILLS AND ACHIEVEMENTS

- Outstanding leadership skills highlighted by roles training over 200+ staff
- Extensive experience working in teams in high-pressure and fast-paced environments
- Proficient with chemistry laboratory practices and techniques such as NMR, IR spectroscopy, UV/Vis Spectroscopy, gas and liquid chromatography (3 years of lab experience)
- Strong problem solving and issue management skills, accentuated by 4+ years serving diverse clients with the City of Toronto Parks, Forestry, and Recreation in a variety of roles
- Distinguished communication skills highlighted by fluency in English and Tamil
- Active community presence, receiving Lieutenant Governor's Community Service Award (2013)

### EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Chemistry major, Biology minor, Queen's University, Class of 2017
- Dean's Honours List, Queen's University, 2013-2017

### EXPERIENCE AND QUALIFICATIONS

- Honours Research Thesis (Queen's University) - An Investigation of Cross-Coupling Catalysis Using Nickel-Based Catalysts (publication in Canadian Society for Chemistry)
- Camp Area Coordinator (City of Toronto Parks, Forestry and Recreation) - Planned, implemented, directed, evaluated and promoted summer camp programs in Ward 37. Trained and led a team of 30+ staff
- Residence Don (Queen's University Residence Life) - Worked with a team to facilitate educational and social programming, advised students on personal and academic matters, problem-solved and mediated disputes and emergency situations
- Financial Executive (Queen's Hemophilia Society) - Create a budget for the team outlining tentative expenses, maintain a business bank account to manage finances, plan and market fundraiser events
- Medical Imaging Services Volunteer (Sunnybrook Hospital) - Assist with patient flow through the clinic, help ease anxiety of patients, organize patient paperwork

### PERSONAL INTERESTS

- Basketball, community involvement, spending time with family and friends, travelling



**Ashish  
Mathews**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Extremely quick learner and problem solver able to adapt to a variety of roles and fields, honed from working in a variety of scientific and professional environments
- Strong collaboration skills developed from extensive experience working in teams in academic and professional settings
- Driven individual with strong initiative, always ready to tackle new challenges
- Excellent verbal and written communication skills demonstrated throughout multiple presentations and the successful defense of an undergraduate thesis.
- Demonstrable skill in knowledge translation of a variety of complex ideas and concept to a wide range of audiences with varying backgrounds

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Biology and Pharmacology Co-op, McMaster University, Class of 2017

## EXPERIENCE AND QUALIFICATIONS

- Undergraduate Thesis (MIRC, McMaster University) – Explored the effectiveness of various protein constructs as ligand binding domains for use in adoptive T-Cell Therapy
- Course Designer (Pharm Achieve Corporation Ltd) – Created material designed to instruct graduating pharmacists on relevant concepts of pharmacology and toxicology
- Research Assistant (St Joseph's Healthcare) – Worked with a team of graduate students to investigate the role of ER stress in hypertension and the ability of drugs to combat hypertension
- Group Leader (Inner City Outreach Ministry) – Helped to mentor at risk children in one of the poorest neighborhoods in Canada, providing a safe, comfortable environment
- Receptionist and Assistant (Fruitland Dentistry) – Initiated and coordinated the transition to Electronic Health Records, and assisted where necessary, receiving patients, answering questions and transcribing medical notes
- Biology and Pharmacology Society (McMaster University) – Spread awareness about the program and answered questions in multiple organized sessions. Organized an annual seminar by Dr. Howard Meltzer at McMaster University

## PERSONAL INTERESTS

- Technology, programming, fantasy fiction, video games, reading



**Anthony  
Mazzulli**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Resilient and self-motivated worker comfortable adapting to changing priorities
- Exceptional self-management and organization shown by pursuing challenging endeavors, including rigorous academic programs, research projects, and competitive Brazilian jiu-jitsu
- Thrives in team settings and loves collaborating with others toward mutual goals as displayed by extensive team experience in firefighting, research, teaching, and athletics
- Well-rounded problem solver able to analyze issues from multiple perspectives as demonstrated through varied and interdisciplinary academic, work, and volunteer experiences
- Excellent oral and written communication skills developed through years of teaching and preparing research reports, posters, and presentations

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Bachelor of Arts, Biological Sciences, Cornell University, Class of 2016
- Dean's List of the College of Arts and Sciences for Excellence in Scholarship

## EXPERIENCE AND QUALIFICATIONS

- Clinical Microbiology Researcher, Mount Sinai Hospital – Conducted validation studies of medical diagnostic assays for biotechnology companies with results presented at international and domestic conferences (ECCMID and CACMID) and used to obtain Health Canada approval
- Research Assistant, Cornell University, Department of Crop and Soil Sciences – Employed modern laboratory techniques and performed systematic literature reviews to study genetic relationships between antibiotic-producing *Streptomyces*
- Teaching Assistant, Cornell University – Lectured, provided support, and evaluated undergraduate engineering and life science students in physics and biochemistry courses
- Math and Science Tutor, Tutor Doctor – Motivate and inspire students to set and achieve academic goals, develop problem-solving skills, and become independent learners
- Peer Mentor, Youth Assisting Youth – Serve as a role model and friend to an underprivileged youth, helping him develop confidence and maturity in a positive setting through fun weekly meet-ups
- Volunteer Firefighter, Cayuga Heights Fire Department – Professionally responded to emergency fire and medical calls and enthusiastically promoted safety in the community via school visits and public workshops

## PERSONAL INTERESTS

- Brazilian jiu-jitsu, health and wellness, mindfulness, psychology, computer programming, teaching, soccer, guitar





**Anika  
McBean**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Outstanding interpersonal and intrapersonal skills, developed through extracurricular activities and community service, in a strong team-based environment
- Thrive in a dynamic, fast-paced environment surrounded by energetic and determined individuals
- Excellent oral and written communication skills developed through academic presentations, sales experience and community activities
- Strong time-management and organizational skills demonstrated by balancing various extracurricular and volunteer activities, while excelling academically and maintaining part-time employment
- Fluent in both English and French (written and spoken)

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Biology, University of Western Ontario, Class of 2017
- Western University Faculty of Science Dean's Honours List

## EXPERIENCE AND QUALIFICATIONS

- Community Outreach Executive of Western's Cancer Awareness Society – Organized and marketed charity events, including CIBC's Run for the Cure and fundraising events to raise funds for the Canadian Breast Cancer Foundation
- Research Assistant – Aided in the investigation of the effects of gut-associated yeasts on Cold Tolerance in *Drosophila melanogaster*
- Research Paper Volunteer – Filtered through scientific journal databases, such as PubMed & JSTOR, to obtain pertinent articles required for a review paper on neuroimaging studies in pediatric stroke populations
- Public speaking experience obtained through university courses and 4th year seminar and project presentations to scientific and non-scientific audiences
- Worked in a team to lead a Community Engaged Learning project focused on the biology-centered topic of microplastics with a class of 40 grade 7 and 8 students
- 5 years of experience in the sales and service industry as a sales associate, server and bartender, demonstrating excellent interpersonal and communication skills

## PERSONAL INTERESTS

- Travelling, hiking, dancing, swimming, reading, baking, cooking and yoga





**Sadaf  
Mohseni**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Highly self-motivated and takes initiative as demonstrated by academic excellence and furthermore through initiating one of the largest clubs at York University
- Excellent written and oral communication skills developed through weekly written reports for thesis supervisor, presenting at seminars and leading PASS sessions for over 500 students
- Strong interpersonal and leadership skills developed through student council work, volunteering at the Mackenzie Health Hospital and participating in student leadership programs
- A well-rounded thinker with outstanding teamwork skills developed through extensive experience working in dynamic team-based environments
- Exceptional time management skills and able to work well in high-pressure environments, demonstrated through partaking an executive role in three organizations while working at two research labs and maintaining academic excellence

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Recipient of the Amgen Canada Fellowship in Biotechnology, 2017–2018
- Honours Bachelor of Science, Biotechnology, York University; graduated first class distinction, class of 2017
- Dean's Honour List 2013–2017
- Member of Golden Key International Honour Society

## EXPERIENCE AND QUALIFICATIONS

- Research Associate, University Health Network - Studied the effect of exercise on the heart using statistical models and algorithms to process large volume of data efficiently and accurately
- Honours Thesis Project, York University - Investigated the interaction between USP7 and EZH2 while developing protocols, optimizing and troubleshooting experiments - Supervised by Dr. Vivian Saridakis
- College Director, York Federation of Students - Ran in YFS elections representing over 15,000 students in Faculty of Science and Engineering; managed campaign, recruited & trained over 150 Student volunteers
- PASS Leader, York University - Organized two study sessions per week for over 500 university students in order to improve their performance by 2 grade points
- VP Marketing, Canadian Association for Research in Regenerative Medicine - Managed club events and logistics; coordinated Ontario-wide meetings with executive members of all chapters
- Constituency Office of Thornhill - Gained leadership and coordination skills organizing community events

## PERSONAL INTERESTS

- Painting, yoga, soccer, playing chess, community involvement, and travelling



**Shaigan  
Mujahid**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Highly motivated and adaptable individual able to work under pressure with attention to quality and detail
- Outstanding leadership and interpersonal skills illustrated by being a team leader, club facilitator, psychology lab assistant, and site manager
- Exceptional analytical, problem-solving, critical thinking and troubleshooting skills gained during honours thesis project and several laboratory courses
- Excellent written and verbal communication skills developed through writing and presenting clear and concise reports and projects at seminars and symposiums at the undergraduate and graduate level
- Superior organizational and time management skills exemplified through involvement in various volunteer and extracurricular activities while exceeding academically

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019.
- MBiotech Entrance Scholarship, Class of 2019
- Honours Bachelor of Science with High Distinction, Molecular Biology Specialist and Chemistry Minor, University of Toronto, Class of 2017
- Dean's Honour List 2014-2017

## EXPERIENCE AND QUALIFICATIONS

- Honours Thesis Project, University of Toronto – The role of oxidative stress genes in the aging of *Drosophila melanogaster*. Supervised by Dr. J. Timothy Westwood
- Team Leader, Leave the Pack Behind – Managed a team of 10 individuals which educated UTM student population about tobacco & smoking by developing health education programs through interactive activities
- Club Facilitator, Visions of Science Network for Learning – Enabled youth from low-income and marginalized communities to perform various experiments in STEM fields in order to advance their educational achievements and career aspirations
- Site Manager, Eden Food For Change – Managed a satellite location that increased individuals' access to good food in a dignified manner to encourage healthy eating and save money
- Psychology Lab Assistant – Demonstrated technological aptitude while communicating in a helpful manner to enable students to complete tasks/assignments through critical thinking
- Volunteer, Trillium Health Partners – Assisted with patient care, water and food delivery, and administrative tasks for the Neuro/MSK and surgical health systems/spine unit

## PERSONAL INTERESTS

- Soccer, basketball, swimming, personal fitness, travelling, and martial arts



**Rhys  
Powers**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Strong technical writing and attention to detail developed through preparation of non-conformance reports at Sanofi Pasteur and through research experience at Brock University
- Excellent teamwork and leadership skills developed through academic, professional and personal experiences
- Highly motivated and passionate individual with a strong commitment to learn and develop new skills
- Outstanding ability to work efficiently and independently exemplified through professional work, academic classes and research labs
- Exceptional verbal and written communication developed through many academic and professional presentations and reports
- Co-author of published, peer reviewed, academic review paper: Z-DNA: Chemistry and Biological Relevance (2017)

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Biotechnology - Co-op option, Brock University, Class of 2017. Member of Dean's Honour Roll
- Distinguished Graduating Student Award Biotechnology

## EXPERIENCE AND QUALIFICATIONS

- Lead Investigator, Sanofi Pasteur – Prepared non-conformance reports for bulk manufacturing in the occurrence of deviations, while also working alongside production and quality facets to determine and roll out corrective and preventative actions
- Minor Use Pesticide Program Summer Student, Agriculture and Agri-Food Canada - Participated in field trials on many different field crops, assessing the efficacy and/or residual residue of different pesticides and herbicides for future commercialization or repurposing
- Honours Undergraduate Research Thesis, Brock University - Assessed the potential role that a left-handed form of DNA, Z-DNA, may play in transcription and replication of DNA, utilizing PCR to analyze different sequence and reaction conditions
- Volunteer at Brock University - Volunteered as a co-op mentor to first and second year co-op students aiding in resume and cover letter writing as well as helping to develop interview skills and soft skills

## PERSONAL INTERESTS

- Hockey, basketball, fitness, reading, golf, cooking and baking



**Andrew  
Ross**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Motivated individual with a heightened sense of accomplishment and an exceptional ability to work well in teams
- Inquisitive, with excellent critical thinking skills developed through significant literature review needed to complete research papers and a thesis project
- Awarded the People's Choice Award at Fanshawe College's Science Research and Innovation Day conference by explaining scientific concepts to a non-scientific community
- Strong time management skills proven by the ability to balance undergraduate studies, a part-time job, hobbies, and an extracurricular research project
- Highly adaptable in a work setting, developed while supporting several PhD and Post-doctoral studies as a lab technician

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Bachelor of Applied Technology-Biotechnology, Fanshawe College, Class of 2017
- Fanshawe College Dean's Honour Roll years 2015-2017

## EXPERIENCE AND QUALIFICATIONS

- Research Technician at the Victoria Research Labs – Provided technical support to the ongoing projects investigating alpha-thalassemia X-linked intellectual disability syndrome – Supervised by Dr. Nathalie Bérubé
- Experimental Researcher – Investigated the anti-proliferative effects of synthetic cannabinoid WIN 55,212-2 on breast cancer cell line MDA-MB-231
- Undergraduate Thesis Project – Proposed a new method of restoring normal eye phenotypes in an age-related macular degeneration model by silencing microRNA-34a in the retina using lentivirus-mediated anti-miRs
- Setter at Junction Climbing Centre – Strengthened interpersonal skills by working in a team to meet the desires of all gym members

## PERSONAL INTERESTS

- Rock climbing, camping, travelling, slacklining, automobiles



**Arushi  
Sachdev**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Exceptional time management skills developed through balancing research, varsity athletics, freelance graphic design and volunteering in addition to undergraduate coursework
- Excellent written and oral communication skills enhanced through numerous projects, most notably through the completion of an independent research project hosted by IBM and STEM Fellowship
- Strong interpersonal and leadership skills demonstrated by teaching a Kaplan Test Prep Course with class sizes of over 20 students
- Self-directed learner evidenced by teaching oneself graphic design, photography and data science
- Awarded CIS Academic All Star at University of Toronto 2012 – 2015 for outstanding academic achievement while competing as a varsity athlete

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Double Major in Immunology and Genetics, University of Toronto (St. George), Class of 2017. Graduated with High Distinction
- University of Toronto Faculty of Arts and Science Dean's Honour List

## EXPERIENCE AND QUALIFICATIONS

- IBM and STEM Fellowship Big Data Challenge Winner – Awarded a publication after presenting compelling research regarding Gardasil vaccination compliance in American females
- Research Assistant Under Supervision of Dr. Karen Maxwell – Assist in developing and calibrating a medical device that can determine which bacterial strain infected a patient suffering from a urinary tract infection
- Researcher at iGEM Toronto – Conducted extensive literature review and communicated with a number of academic advisors to develop an anti-CRISPR synthetic biology project
- Kaplan Test Prep Course Instructor – Created an engaging learning environment in the classroom in addition to teaching the students the content, techniques and strategies necessary to score well on standardized tests
- Graphic Designer at S.E.E.D.S. – Rebranded organization by developing attractive and professional advertising campaigns, promotional materials and website visuals
- Emergency Room Volunteer at Cambridge Memorial Hospital – Eased patient anxiety and staff workload by greeting patients, giving directions, triaging patients, providing comfort measures and organizing medical records

## PERSONAL INTERESTS

- Graphic design, photography, piano, data science and rugby

Where science meets business.



**Princess  
Samaka**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Passionate and highly motivated individual with the ability to adapt to fast-paced and changing environments
- Excellent oral and written communication skills demonstrated through multiple presentations, research projects and reports completed during the course of undergraduate degree
- Exceptional time management skills exhibited through the successful balance of three part-time jobs, extracurricular activities, and full-time undergraduate studies
- Excellent analytical and critical thinking skills developed from extensive lab work and undergraduate coursework
- Demonstrated ability of working independently, as well as effectively work in a team setting

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Bachelor of Technology, Biotechnology, McMaster University, Class of 2017

## EXPERIENCE AND QUALIFICATIONS

- Undergraduate Final Research Project – Produced monoclonal antibodies, crosslinked with Carbon Nanotubes, and developed a biosensor for the detection of antibody-antigen interaction
- Quality Assurance Technician (Co-op), Sofina Foods Inc. – Monitored overall manufacturing processes to ensure adherence to SOPs and CFIA regulations, as well as investigated non-conformances that posed as a health hazard
- Quality Assurance Summer Student, Therapure Biopharma Inc. – Assisted in the maintenance and monitoring of QA department records and database
- Laboratory Technical Assistant, McMaster University – Assisted in the preparation, maintenance, and setup of chemicals and biological samples used for undergraduate experiments

## PERSONAL INTERESTS

- Music, reading, cooking, personal fitness, and travelling



**Norman  
Shek**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Obtained two years' experience in Quality Control, Quality Assurance and Regulatory Affairs roles in the animal pharmaceutical industry
- Managed project milestones and shifted work priorities accordingly to align with company goals as demonstrated by the delivery of a New Drug Submission ahead of the company deadline
- Focused on personal and team growth by giving and requesting feedback resulting in increased work efficiency and productivity
- Applied scientific knowledge and analytical thinking style in a research setting culminating in two co-authored peer-reviewed articles
- Communicated scientific results using presentations tailored to both scientific and non-scientific audiences in a concise and engaging manner

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Chemical Biology Co-op, McMaster University, Class of 2015
- McMaster's President's Award, University Senate Scholarship, Deans' Honour List

## EXPERIENCE AND QUALIFICATIONS

- Regulatory Affairs Specialist (Bio Agri Mix) - Assumed responsibility over a New Drug Submission project to expand company portfolio by collaborating with three separate departments to meet milestones. Project was delivered two weeks ahead of the twelve-week deadline
- Quality Assurance Specialist (Bio Agri Mix) - Managed the design and execution of a stability project to evaluate performance of various packaging formats. Selected optimal packaging for the product based on performance versus cost
- Quality Control Chemist (Bio Agri Mix) - Performed UPLC/HPLC/MS analysis of pharmaceutical compounds under GMP standards to ensure quality standards were met
- Chemical Evaluator Assistant (Health Canada) - Determined the validity of an environmental contamination prediction model using statistical analysis of real world results
- Research Assistant (Biointerfaces Institute, McMaster University) - Programmed a TECAN automated liquid handling system to optimize a highly sensitive assay thus increasing personal productivity
- Honours Thesis Project (Dr. John Brennan, McMaster University) - Integrated imaging Surface Plasmon Resonance with imaging MALDI-MS for protein/protein interaction studies

## PERSONAL INTERESTS

- Travelling, personal fitness through rock climbing & intramural sports, enjoying new experiences

Where science meets business.





**Justin  
Sidhu**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Exceptional interpersonal and communication skills demonstrated through experience as a laboratory teaching assistant
- Excellent time management and organization skills enhanced through the practice of a demanding academic schedule together with employment and volunteer activities
- Strong critical thinking and problem solving abilities gained from fieldwork and laboratory research associated with independent and group research projects
- Outstanding ability to work within a team demonstrated by participating in various team projects in academic and extra-curricular settings
- Leadership skills enhanced with experience as a volunteer Youth Team Leader for Trillium Health Partners
- Highly motivated and driven individual with a passion for biotechnology

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science with High Distinction, Biology for Health Sciences Major and Double Minor in Chemistry and Psychology, University of Toronto, Class of 2016
- Recognition of Exceptional Academic Achievement: Dean's List Scholar, University of Toronto, 2015-2016

## EXPERIENCE AND QUALIFICATIONS

- Teaching Assistant, University of Toronto – Led and facilitated first/second year undergraduate biology laboratories with emphasis on lab technique and experimental protocol
- Research Assistant, University of Toronto – Analyzed the perception of scientific literacy in first year students through qualitative data analysis of student responses and data obtained
- Research Assistant, University of Toronto – Examined the effect of deer herbivory on native vs. invasive plant species at the Riverwood Conservancy in Mississauga, Ontario
- Youth Team Leader, Credit Valley Hospital – Assisted Trillium Health Partners with the youth volunteer program and coordination of high school student volunteers
- Orientation Week Logistics Committee, UTMSU – Organized orientation week for 1100+ incoming students at the University of Toronto Mississauga by planning the logistics for all events, obtaining sponsorship partners, and training orientation leaders
- Physiotherapy Volunteer, Credit Valley Hospital – Assisted physiotherapist and hospital staff with patient care throughout physiotherapy gym and rehabilitation unit

## PERSONAL INTERESTS

- Reading, hockey, golf, travelling, and hiking





**Melina  
Tsagaris**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Outstanding analytical and critical thinking skills developed through the successful completion of multiple projects in both academic and industry settings
- Adaptable team player proven through successfully planning and facilitating multiple large-scale events as an executive member of the Biology Students' Association
- Effective oral communication and presentation skills developed through experience as an Introductory Immunology Discussion Session Facilitator
- Experience learning and effectively operating new technologies and software, including robotic laboratory equipment and computer programs
- Ability to prioritize and coordinate multiple tasks in a timely matter, developed through experience in a fast-paced pharmacy setting

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Honours Bachelor of Science, Biochemistry (Co-op) and Molecular Biology, Immunology and Disease with High Distinction, Class of 2017
- Dean's Honour's List, University of Toronto 2013-2017

## EXPERIENCE AND QUALIFICATIONS

- Automation Intern, Northern Biologics - Effectively wrote software programming to robotically automate biochemical and cellular assays in order to advance an existing oncology/fibrosis drug-discovery program
- Undergraduate Thesis Student, Sunnybrook Health Sciences Centre - Investigated the effects of MicroRNA-652 on LNCaP prostate cancer cells, resulting in a co-authored publication (Oncotarget 2017)
- Research Assistant, The Hospital for Sick Children - Analyzed guanidino compound concentrations via HPLC and LC-MS in patients and animal models of creatine deficiency syndromes
- Discussion Session Facilitator, University of Toronto - Presented original lessons during weekly discussion sessions, in order to reinforce fundamental concepts in Introductory Immunology with students
- Pharmacist's Assistant, Ellesmere Pharmacy - Liaised with healthcare providers and patients to accurately dispense prescription medication in fast-paced environment
- Vice President Finance and Operations, Biology Students' Association UTSC - Secured funding for the organization through seeking corporate sponsorship and performing financial accounting

## PERSONAL INTERESTS

- Geology, outdoor activities, health policy, DIY projects & food enthusiast



**Candy  
Tse**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Educator experienced in communicating French, educational technology and biochemistry topics for layman's and science audiences
- End-to-end team leader from strategy to execution-level detail, especially in lab and educational settings
- Experienced in marketing, event and project management, process tools, and supply chain management of public and private sector stakeholders
- Quality assurance, optimization and rollout of doctorate-level information systems
- Cancer and biochemical course content developer for online health science modules
- Personable, adaptive and collaborative approach with Canadian and international stakeholders

## EDUCATION

- Masters of Biotechnology, University of Toronto, Class of 2019
- Bachelor of Education, Queen's University, Teachables: Biology & French, Focus: Educational Technology, Class of 2017
- Honours Bachelor of Science, Queen's University, Biochemistry (with Distinction) & French, Class of 2016
- Awards: Dean's Honour List, Queen's University, 2012-2016, The Craine Professor Scholarship in Biochemistry, Queen's University, 2016

## EXPERIENCE AND QUALIFICATIONS

- Quality Assurance Assistant, Queen's University Research Services – Tested a new software system from beta to production to produce bi-annual reports, cyclical program reviews and funding application data
- Education/School Programs Intern, Ontario Science Centre – Reviewed and revised studio workshops and teacher resources for all exhibits to ensure alignment with Ontario science curriculum and presented the incorporation of coding into interdisciplinary pedagogy during peer learning seminars
- Program Assistant, GSK Clinical Education Centre – Facilitated client-practitioner interaction for professional programs (physiotherapy, occupational therapy and medicine)
- Instructional Design Assistant, Queen's University – Designed content for cancer and biochemistry courses, supplemented with primary sources for a novel online Bachelor of Health Science program
- Laboratory Assistant, Institut Albert Bonniot (Grenoble, France) – Investigated effects of histone variants on circadian rhythms and epigenetics through classic cloning techniques to understand cancer linkages
- Sociocultural Monitor, Queen's University School of English – Led and organized weekly activities and events for international students to encourage English language speaking

## PERSONAL INTERESTS

- Teaching, mental health in the community, running, singing, photography



**Lara  
Woldmar**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Effective time-management and organization skills gained by working in a fast-paced environment at Monsanto Company
- Extensive lab work experience and advanced analytical and problem-solving skills acquired by conducting challenging independent research projects both in academic and corporate environments
- Multilingual (Portuguese / English / German)
- Exceptional writing skills, demonstrated by winning the Brazilian Biotechnology and Sustainability Cultural Contest
- Excellent communication skills perfected by presentations at Monsanto and by meetings with companies and prospective clients during a consulting project
- Strong teamwork and interpersonal skills, obtained through organizing events and conferences

## EDUCATION

- Master of Biotechnology, University of Toronto Class of 2019
- Bachelor of Biotechnology with Honours, University of São Carlos (Brazil) Class of 2015

## EXPERIENCE AND QUALIFICATIONS

- Scientific Assessor in a consulting project at Magni - Used biotechnology knowledge and communication skills to provide assistance for a multinational company that aims to commercialize bioremediators in Brazil
- Corporate Intern at Monsanto - Conducted a highly innovative independent project, which aimed to optimize and standardize a genetic transformation method of sugarcane; outstanding results were obtained, with an increase of 60% on the transformation rate
- Undergraduate Researcher at the University of São Carlos - Developed a challenging independent project researching molecular mechanisms of Chronic Myeloid Leukemia and relating the disease with oxidative stress. The research was funded by the FAPESP agency (São Paulo's Research Foundation) and the thesis presented obtained maximum grade by the examination board
- Co-founder and controller of the Biotechnology Junior Enterprise of São Carlos - Worked in financial areas of projects and organized scientific events, which contributed to the prestige of the biotechnology faculty and its students

## PERSONAL INTERESTS

- Cycling, reading, travelling, camping, swimming, music and theatre



**Zoe  
Yazdi**

## SUMMARY OF SKILLS AND ACHIEVEMENTS

- Deep understanding of all stages of pharmaceutical development, manufacturing, marketing and patient use gained from relevant education, industry and retail experience
- Effective communication abilities, customer service and patient care skills developed through 3 years of experience as a registered pharmacist in Ontario
- Outstanding project management skills with the ability to prioritize and balance multiple projects, developed through managing several portfolios within a pharmaceutical company
- Exceptional presentation skills enhanced through frequent business-related presentations during biopharmaceutical industry meetings
- Strong critical thinking ability and excellent analytical skill, developed through performing literature searches for drug efficacy and safety to supplement pharmaceutical marketing

## EDUCATION

- Master of Biotechnology, University of Toronto, Class of 2019
- Regulatory Affairs Certificate (RAC) Program: Pharmaceuticals - The Regulatory Affairs Professionals Society (RAPS), 2017
- Master of Science, Cell and Systems Biology, University of Toronto, Class of 2012
- Doctor of Pharmacy, Major in Pharmaceutical Biotechnology, Tehran University of Medical Sciences, Class of 2007

## EXPERIENCE AND QUALIFICATIONS

- Pharmacist, Costco Pharmacy and Shoppers Drug Mart, Ontario— Educated patients regarding their medication regimens by simplifying complex medical information. Additionally, frequently collaborated with other health care professionals in order to identify and resolve drug therapy problems to increase patient safety and satisfaction
- International Affairs Associate, Pooyesh Darou Biopharmaceutical Co, Iran – Prepared and presented both key business and marketing initiatives and product lines to represent the company in transnational collaborative business meetings. Reviewed and approved medical promotional materials for international exhibitions in collaboration with marketing and medical affairs departments
- Quality Control Supervisor, Pooyesh Darou Biopharmaceutical Co, Iran – Supervised a Quality Control Laboratory, performed pharmacopeia based experiments and developed Standard Operating Procedures (SOP). Consistently provided appropriate documentation and reports to Quality Assurance department

## PERSONAL INTERESTS

- Travelling, yoga, cooking, downhill skiing







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