

BUSHRA HAQUE

Passionate undergraduate student looking to work alongside the MacPherson Institute staff as a Course Designer. Seeking to leverage strong communication and organizational skills gained from administrative work experience to support the adaptation of online teaching during these unprecedented times.

Personal Data

Phone

289-684-8890

Email

haqueb2@mcmaster.ca

LinkedIn

www.linkedin.com/in/bushra-haque

Qualifications & Skills

Strategic Planning

Critical Thinking

Customer Service

Leadership

Organization

Communication Skills

Teamwork

MS Excel & Powerpoint

PDF Compiling & Editing

Awards & Scholarships

2020 - NSERC Undergraduate

Student Research Award Recipient

2020 - MacWiSTEM Case

Competition (Silver Recipient)

2019 - Scinapse Undergraduate

Science Case Competition Gold Recipient)

2018 - McMaster Energy Case

Competition (Silver Recipient)

2017 - McMaster Entrance

Scholarship Award

2017 - Chemistry Subject Award

2017 - Vida Dent Memorial

Scholarship Award

Education

Honours Bachelor of Science - Biochemistry IV

Sept 2017 – Present

McMaster University, Hamilton, ON

- Degree expected in 2021
- Cumulative GPA: 11.0/12
- Gained laboratory and research skills through relevant course completion in Department of Biochemistry, Biology, Chemistry, Molecular Biology and School of Interdisciplinary Science
- Completion of various independent full-term research projects
- President of McMaster Undergraduate Academic Astronomy Club (MUAAC)

St. Thomas More Catholic Secondary School

Sept 2013 – June 2017

1045 Upper Paradise Rd, Hamilton, ON

- Earned O.S.S.D in 2017
- Honour Roll recipient with grade point average of 95%

Work Experience

Lab Assistant - OQMT

Aug 2019 – April 2020

McMaster Nuclear Operation & Facilities

- Use of Excel to create effective databases mandatory for record keeping of mandatory training documents for review by the Canadian Nuclear Safety Commission
- Updated and created new safety procedures, forms and presentations for use in safety training programs with Unipoint
- Conducted direct research and internal audits to improve training program and increase office accessibility

Administrative Assistant

April 2019 – Aug 2019

McMaster Nuclear Operation & Facilities

- Monitored security access to Reactor and High-Level Laboratory Facilities
- Coordinated weekly tours of various facilities through use of effective skills in communication and organization
- Data extraction and compilation of Reactor daily cycling data and fuel core change documents for update to various databases

Ontario Liberal Party Call Centre Representative

May 2018 – July 2018

Call Centre Technologies, Hamilton, ON

- Surveyed registered voters in Ontario ridings for provincial elections
- Provided customer service assistance regarding election-related inquiries

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Publications

PEER REVIEWED JOURNAL ARTICLE

1. **Haque B**, Ahmed M, Au-Yeung C, Wang P. Biodegradable hemp plastic as a model for bioplastics, sourced from marijuana byproduct. *Undergraduate Research in Natural and Clinical Science and Technology (URN CST) Journal*. 2019;3(9). doi: 10.26685/urncst.163

2. **Haque B**, Ahmed M, Fogal M, Au-Yeung C, Wang P. Entomophagy as a solution to agricultural greenhouse gas emissions: A research study. *Undergraduate Research in Natural and Clinical Science and Technology (URN CST) Journal*. 2018;2 (3):1-4. doi: <https://doi.org/10.26685/urncst.46>

PRESENTATIONS

1. **Haque B**, Au-Yeung C. Combating the Freshwater Crisis: In vivo Studies Investigating the Elongation of the Loop of Henle. Presented at 2020 WiSTEM Case Competition at McMaster University, Hamilton, ON, Canada, March 18, 2020; PowerPoint

2. **Haque B**, Ahmed M, Au-Yeung C, Hon C, Stokes A. CortiCare: Advances in Quantifying Anxiety. Presented at 2019 Frontiers of Healthcare Conference at St. Michael's Hospital, Toronto, ON, Canada, July 7, 2019; PowerPoint

3. **Haque B**, Ahmed M, Au-Yeung C, Wang P. Biodegradable hemp plastic as a model for bioplastics, sourced from marijuana byproduct. Presented at 2019 Scinapse Case Competition at University of Ottawa, Ottawa, ON, Canada, March 23, 2019; Poster.

Work Experience Cont.

Cashier

Aug 2015 – Sept 2017

Shoppers Drug Mart Pharmacy, Hamilton, ON

- Served as cashier role for front store, cosmetics and pharmacy departments
- Completed transactions and returns of Shoppers Drug Mart products and OLG LOTTO products
- Developed communication skills by assisting customers with location of products and answering concerns with product quality
- Answered customer service phone calls and addressed customer concerns to ensure customer satisfaction

Volunteer Experience

President (formerly VP Administration)

Sept 2018 – Present

- Responsible for leading executive team meetings
- Plan and coordinate astronomy themed events for the university
- Developing skills in communication, organization, leadership and networking

Merit Judge

March 2019, May 2020

Bay Area Science and Engineering Fair (BASEF)

- Acted as a participating judge for the annual BASEF event for analysis and grading of Grade 7– 12 science and engineering-based projects
- Engaged in scientific communication and acted as a mentor in the facilitation of research process for young students

Ontario University Fair Representative

Sept 2019, 2018

- Served as a McMaster University representative for Integrated Science I and Life Sciences I programs to provide post-secondary education information to prospective students
- Informed students about program of interest, admission requirements and student life at McMaster
- Developed skills in communication, leadership and networking