

City of London - Application for Appointment to a City of London Board or Commission

Application

Please choose the Board or Commission you are interested in serving on: **London Police Services Board**

Contact Information

Name: **Sarah Hamza**

City: **London**

Province: **ON**

Postal Code: **N6H0J9**

Experience and Qualifications

If you have experience on a London Board or Commission, please provide dates and details. (max. 3000 characters): **N/A**

What do you hope to contribute or learn as part of a Board or Commission? (max. 3000 characters):

Being a visible minority myself who has been active in London's Muslim community and having grown up in Canada, I am hoping to contribute by being a voice to the minorities of London. I have experience in both community outreach as well as technical and scientific experience. I have also gone through the hiring process for the constable position at LPS with successful acceptance and am aware of the steps and procedures needed for successful candidates. I would like to see more representation of our growing London Muslim community and I hope to help bridge the gap by joining this Board. I am also looking to learn more about the needs that have yet to be addressed in the community and to ideally give back using my skills and experience.

How will you support the work of a Board or Commission? (max. 3000 characters):

With my educational background and work experience, I have vital skills that I believe can contribute to the support and success of this board. I have excellent problem solving, communication, interpersonal, and technical skills that I am eager to apply to support the decisions and tasks needed to be completed at and outside of the meetings.

Please describe additional experience, training, or community involvement that will help you in your role as a Board or Commission Member. (max. 3000 characters):

My background includes a master's degree in Mechanical Engineering from the University of New Brunswick. My skills and previous placements cover a wide range of capabilities and experiences that I believe make me a key candidate to help serve the London community.

Both my experience and education have provided me with a strong platform in problem solving, service, communication, management, and hard work.

My certification as an Equine Canada instructor was initially inspired through my volunteering experience with students of various backgrounds, age groups, and mental abilities. I was fortunate to have the opportunity to volunteer with autistic children, helping them develop skills, comfort, and confidence through a lesson program. My education as an engineer has shaped me into an excellent problem solver and solutions provider on top of honing my time management skills. As an account manager and service engineer in my past positions, I developed key networking skills that I apply to this day.

Likewise, I am fluent in English, French, and Arabic with strong interpersonal skills. Working as an interpreter within the school district has further enhanced my language, communication, and quick thinking. I was given the opportunity to work with Syrian

refugees as well as staff to liaise both their needs.

The information provided above is a glimpse of my experience, education, and skills that I believe would make me a key candidate to this board. I look forward to an opportunity to further discuss my qualifications and answer any questions you may have regarding my candidacy. Thank you for your time and consideration.

Attach resume or other document here, if needed: **Sarah Hamza, 2022.pdf**

Attach more files here, if needed:

Confirmations

I declare the following: **I am a resident of London. ; I am at least 18 years old.; I am not a City employee or Council member.; I understand that my application and any attachments will be included on a public agenda that is published on the City website.**

To help inform our outreach activities, please tell us how you heard about this opportunity:
(optional): **Professional or community organization**

If you selected 'Other', please specify:

Submitted on: **10/14/2022 10:41:20 AM**

Sarah Hamza

London ON

Well-rounded engineer with strong project management and multidisciplinary team leadership experience with excellent interpersonal skills.

Qualifications Highlight

- Experience operating under, maintaining, and developing ISO 9001, 17025, and 13485 standards along with GMP/GLP practices in both labs and cleanroom environments.
- Fluent in English, French and Arabic speaking, reading and writing.
- Quick and adaptable learner, able to pick-up new skills and learn software readily.
- Excellent team leadership and management skills with experience in multiple industries.
- Multidisciplinary exposure, working with teams and individuals of different backgrounds experiences.
- Strong public speaking, presentation, and interpersonal skills.
- Proficient in MATLAB coding, NX Unigraphics modeling, and Microsoft Office suites with strong computer literacy.

Education

Bachelor of Science in Mechanical Engineering – Mechatronics
2015 University of New-Brunswick

Master of Science in Mechanical Engineering - Biomaterials
2017 University of New-Brunswick
Dean's List: 3.9 GPA

Relevant Work History

01/2021 – 07/2022

Lab Manager and Service Engineer
PolyAnalytik, Inc. – London, ON

- Actively led a team of scientists and students to manage various projects within the organization. Supported the team to meet deadlines and ensure customer satisfaction.
- Made all necessary purchases to keep the lab running smoothly and efficiently.
- Trained new hires and maintained instruments, lab space, health and safety, and inventory under ISO 9001 and 17025 guidelines.
- Successfully outperformed past KPI's in this role by implementing new strategies and improving the leadership style.

10/2018 – 01/2021

Account Manager and Service Engineer
PolyAnalytik, Inc. – London, ON

- Began as an inside sales specialist and quickly moved into an account management position managing all of Canada and parts of the USA.
- Offered GPC instruments, advanced detectors, servicing, and specialized analysis to clients from various industries.

- Provided quotes, organized visits and client presentations across North America virtually and in-person.
- Trained in both sales and servicing to ensure all client needs are met and worked with a multi-disciplinary team of engineers and scientists.

06/2017 – 05/2018 **Biomaterial Production Manager and QC**
Biomatcan – Fredericton, NB

- Acted as a production manager and quality control specialist with training under GMP and ISO 13485 requirements.
- Developed and ensured conformance of all required ISO and cleanroom standards. Experienced being externally audited by regulatory bodies.
- Worked within a cleanroom environment including manufacturing, packaging, and maintenance of the room and its equipment.
- Involved in the R&D of the bone graft and determined more efficient ways to develop the product.

03/2016 – 09/2018 **Interpreter for Syrian Newcomers and Refugees (Part-Time)**
Anglophone West School District (ASWD) and the Multicultural Association of Fredericton (MCAF) – Fredericton, NB

- Acted as an interpreter and learning facilitator for both the school board and local multicultural association.
- Learned valuable communication skills in interpreting and translating from English to Arabic and Arabic to English.
- Adapted to different environments (school, home, professional) and worked with various age groups, settings, and situations including de-escalating conflicts and resolution.

List of Publications

Journals and Conferences

- Sarah Hamza, Anna Ignaszak, Amirkianoosh Kiani. “Synthesis of Au Nanoparticle-embedded Silicon Oxide Nanofibers by Laser Pulses and Sputtering Techniques for Biosensor Fabrication”
- Sarah Hamza, Amirkianoosh Kiani. “Silica/Gold Hybrid Nanofibers Induced by Laser Processing of Silicon Coated by Gold Thin-Film for Biomedical Sensing Applications”
- Sarah Hamza, Amirkianoosh Kiani. "Laser-Generated Silica Nanofibers Embedded with Electrospun Gold Nanoparticles: A Novel Platform for Biocompatible Sensing Devices" 33rd Annual Meeting of the Canadian Biomaterials Society
- Sarah Hamza, Amirkianoosh Kiani. “A Rapid and Easy Procedure of Biosensor Fabrication by Nanosecond Laser Processing of Si Wafer Coated by Gold Thin-film” 5th International Conference on Bio-Sensing Technology