

Beatrice Sze, P.Eng.



EMPLOYER AND POSITION

Canadian Intellectual Property Office, Patent Examiner

EDUCATION

University of Toronto – Mechanical Engineering – BaSc
Osgoode Hall Law School – Juris Doctorate

EMPLOYMENT HISTORY

2007-2010: GE | Hitachi Nuclear Services
2010-2011: BWXT Nuclear Services
2011-2014: Osgoode Hall Law School (JD candidate)
2014-2015: Baker McKenzie LLP
2015-2020: Sze Law
2020-present: Government of Canada, Innovation Science and Economic Development, Canadian Intellectual Property Office

ACTIVITIES IN ADVOCACY ORGANIZATIONS

2019-present: OSPE, Research & Innovation Task Force, Data Working Group
2011-2014: Ontario Bar Association – Intellectual Property and Information Technology Law Working Group

YEARS OF REGISTRATION WITH ENGINEERING PROFESSION

13 years

OTHER PROFESSIONAL AFFILIATIONS

Professional Engineers of Ontario – licensee
Law Society of Ontario – licensee
Ontario Bar Society – member

COMMUNITY SERVICE

2023-present: OSPE, Research & Innovation Task Force, Chair.
2019-2022: OSPE, Data Working Group, Chair.
2014-2018: Pro Bono Ontario – legal aid hotline volunteer.
2011-2014: Engineers Without Borders – Professional Member.

CONFERENCE OR TECHNICAL PAPERS GIVEN OR PUBLISHED

Sze, Beatrice, Osgoode Hall Law School, 2011-2014, <https://www.yorku.ca/osgoode/iposgoode/tag/beatrice-sze/>.

Sze, B. Software Simulation: A Tool for Enhancing Control System Design, Presented at the International CANDU Maintenance Conference, Toronto, November, 2008.

Goldenberg, A., and Sze, B. Development of Kinematic Equations and Projection Software for an MRI- Guided Surgical Robotic System. Presented at American Society of Mechanical Engineers Conference. Ann Arbor, MI. April 1, 2007. Viewable at: <http://www.mie.utoronto.ca/undergrad/thesis-catalog/files/335.pdf>

CANDIDATE STATEMENT

As we move forward from the pandemic lock-downs, the challenges facing our province and profession remain substantive. Disruptive technologies like AI and ML, rising housing costs, political interest in greening Ontario's infrastructure, and sensitive discussions on equity, diversity, inclusion and accessibility are just some of the issues facing Ontarians today. It is clear to me that engineers are uniquely qualified to contribute long-lasting nonpartisan solutions to such complex problems. Moreover, our statutory commitment to serving the public interest sets us apart from other professions when we engage with law-makers and business leaders.

As a licensed engineer and lawyer, I have spent the last 15 years advocating for and defending the interests of engineering teams working on complex technical and public policy matters. I believe my professional background and time-spent practicing both engineering (CANDU nuclear sector) and law (regulatory compliance, civil lit, intellectual property) in Ontario enable me to effectively serve Ontario's engineering community on OSPE's board of directors. My time-spent volunteering within OSPE's task forces has yielded a track-record of collaborative leadership within OSPE's community. It has been my privilege to promote engineering thought-leadership and represent the interests of the profession. I seek the opportunity to build on this work as a Board Member.

Regardless of who you vote for, thank you for reviewing all our candidate-statements. It is because of members like you that our profession is able to thrive.