

# Nicholas Burgwin, P.Eng.



## EMPLOYER AND POSITION

Toronto Metropolitan University, Manager, Innovation & Commercialization

## EDUCATION

MASc., Electrical Engineering – Ryerson University – 2016

BASc., Electrical Engineering – University of Toronto – June 2010

## EMPLOYMENT HISTORY

2024 – Present [Sustainable Aviation Fuel Database and Advisory](#), Founder  
2015 – Present University of Toronto, Administrator for ECE 4th Year Design Course  
2016 – 2022 Fibos Inc., Co-Founder and CEO

## ACTIVITIES IN ADVOCACY ORGANIZATIONS

- OSPE Board of Directors (2020 – 2023)
  - Audit and Finance Committee (2020-2023)
  - Treasurer (2021-2023)
  - Engineering Academy Steering Committee (2020-2023)
  - Membership Advisory Committee (2020-2023)
- European Virtual Institute for Gas Turbine Instrumentation, Board of Directors (2021 – Present)

## YEARS OF REGISTRATION WITH PROFESSION

- P.Eng., Ontario - 2015

## COMMUNITY SERVICE

- [Ontario Professional Engineers Foundation for Education](#)
  - Director & Treasurer (2022 – Present)
- Industry Advisor 2nd Year Design Course, UofT (2020 – Present)
- [Sustainable Aero Lab](#) – Mentor (2022 – Present)
- PEO East Toronto Chapter – Board Member and Treasurer
- Formula North and Formula Bharat – Design Judge

## CANDIDATE STATEMENT

A strong regulator, PEO, should have a strong advocacy body, OSPE, to represent the needs and perspectives of Ontario engineers. I have had the pleasure to serve on the OSPE Board and am now seeking your support to run for a second term. I believe that a board should be collaborative and diverse, and my background and industry experience allows me to bring forth unique insights on the needs and motivations for OSPE members and non-members. I have a growth mindset and I am passionate about data. Problem-solving and decisions should be data-driven and made with supporting evidence, and solutions should be continuously evaluated to measure progress. I will bring this experience to OSPE if given the opportunity.

During my time on the OSPE Board, I focused on sustaining the organization's financial stability during COVID and driving membership growth. I was a member of the Audit and Finance committee and Treasurer for my last 2 years on the board. We explored the correlation membership had to the organization's financial position, and better understood the makeup of our members to ensure that our value proposition for our members was well aligned. During this time, OSPE experienced the largest growth in membership and the organization was well-situated to maintain that growth.

A strong advocacy body requires members to increase the strength of its voice, and as a board member, I want to continue focusing on growing membership. The engineering profession is at a pivotal moment with the changes being made by the regulator. This is an opportunity for OSPE to support Ontario engineers to become licensed and to maintain their license.

Thank you for your consideration of my candidacy. I look forward to making a positive impact as a member of the OSPE Board of Directors.