Application for the 2019 Allen D. Williams Scholarship Award

Nomination of Graham Lovely, P.Eng, LEED AP BD+C, Associate

My great uncle is a retired civil engineer and a former missionary. He committed himself and his career to helping others and working towards a world where engineers play an important role in advancing society. My uncle believes that engineering is a calling and one that can bring out the best in people through hard work, study and dedication. My beliefs are much the same and because of this he has been a tremendous example for me to follow throughout my lifetime. Engineers often work tirelessly in the background ensuring public safety and confidence are held paramount while striving to achieve the needs and goals of our clients. The mentorship I have received from many different role models, such as my uncle, has instilled in me a strong work ethic, an appreciation for the role of engineers in society, and a focus on service. I have worked to emulate their example while advocating and teaching these same lessons to the next generation of engineers that I meet. I wish to use the skills gained from my time with mentors and colleagues, and associations such as ACEC, to help engineers take up their role as citizens with a purpose and passion for making a better world.

Throughout the course of my career at MCW I have been able to gain experience and provide service to clients which directly impacts the public good. My work with the Vancouver Airport Authority comes with a responsibility and knowledge that people depend on my designs and their execution to ensure they travel safely and efficiently. My work at the University of British Columbia touches students and the broader community by enabling the services and systems they rely on to be dependable and delivered to the satisfaction of those who interact with them. I have been fortunate to work on green buildings, in transportation and for public institutions. I count myself lucky to have the range of experience and knowledge that my mentors and education have given me. Working in the airport sector for the majority of my career has taught me that electrical engineering, and all engineering disciplines, are complex and challenging. Engineering requires tremendous attention to detail, the ability to listen, and also the skills to work well alongside others, whose different backgrounds and knowledge are essential to success on any project. I hope to be able to continue to channel many of these experiences into a future where my company and team is seen as a major contributor to the airport and institutional sectors for years to come. The MCW Airport Projects Group brings together many of the lessons learned through the firms past experience especially around team work, creativity and having an open mind to the design challenges and operational requirements of our clients. I stand as one amongst an amazing group of professionals that make up a company that has such a strong history in Canada and I look forward to carrying on that engineering tradition.

This scholarship, in conjunction with my on-the-job training and further education through HBX, the online learning platform of the Harvard Business School, will help me lead better teams and ensure I can pass on to the next generation of engineers the same kind of lessons and wisdom I have been fortunate to receive. It would be a great honor to represent my firm and ACEC at the FIDIC conference. I believe scholarships like this can motivate and inspire, as well as teach, and I hope to be able to make the most out of a program designed to help young leaders achieve everything they can. I believe that management and organizational training is essential when combined with my technical education in order to become the best consulting engineer that I can be.

Sincerely,

Graham Lovely P.Eng
Associate

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Summary of Extra-Curricular and Volunteer Activities

Professional Development

- Recipient of the 2018 ACEC-BC Young Professional Award

- Chair of the ACEC-BC building engineering steering committee

- YP representative on the ACEC-BC building engineering steering committee

- ACEC-BC Young Professional Lower Mainland Subcommittee member for student outreach

- Attends Engineers and Geoscientists BC events (formerly APEG-BC) and the 2017 AGM/Conference

- Has completed the HBX Credential of Readiness (CORe) through the online platform of the Harvard Business School, and is enrolled in more HBX certificates (Becoming a Better Manager & Sustainable Business Strategy)

Leadership and Industry Involvement

- Speaker at the Passenger Terminal Expo 2018 in Stockholm Sweden on ICT and the '4th Utility'

- Was a long-standing participant with the Greater Vancouver Board of Trade (GVBOT)

    o Vice Chair of the Sustainability Committee
    o Advisory Council Member and participant in the Company of Young Professionals (CYP)
    o Completed the (CYP) Engaged Leadership Certificate
    o Completed the Leaders of Tomorrow (LOT) mentorship program (during University)
    o Bikes and Business working group
    o Peer Leadership Team member.

- Participated in a business and sustainability round table

- Participated in the 'Towards Net Zero Energy Ready Residential Buildings Roadmap for British Columbia'.

Volunteer & Community Involvement

- Board Member at St. Andrew's Wesley United Church

- Finance Committee representative at St. Andrew's Wesley United Church

- Mentored an entrepreneur focused on Sustainability through Futurpreneur Canada (formerly CYBF)

- Very active at the University of British Columbia as a mentor to young engineers, four mentees in 2016/2017 and one in 2018 with the Engineering tri-Mentoring program

- UBC co-op activities such as student project judging, Student-Industry Networking events, engineering career fairs, and is a co-op employer representative for MCW

- Volunteered with the Science World kids summer program through ACEC to encourage STEM education

- Past Canada-West Board member and promoter of Oikocredit, a microfinance organization based in the Netherlands