

G. J. JACKSON FELLOWSHIP

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The G. J. Jackson Fellowship is a prestigious annual award currently valued at \$25,000 over twelve months. The Fellowship was established in 1987 and is presented annually by the Canadian Institute of Steel Construction (CISC) in memory of the late Geoffrey J. Jackson. Its purpose is to develop exceptional researchers, educators and practitioners specializing in the design, fabrication and use of steel structures.

GEOFFREY J. JACKSON

Geoffrey J. Jackson was born in Stamford, Lincolnshire, England, February 25, 1929. After receiving a Diploma in Civil Engineering in 1954, he emigrated to Canada. Mr. Jackson was, for many years, a leader in the Canadian structural steel fabrication industry. His vision and dedication was the driving force in establishing the Steel Structures Education Foundation, the precursor to the CISC Education and Research Council. Mr. Jackson served as both the Chairman, and a member of the CISC Board of Directors. He was also a long-time member of the Canadian Steel Construction Council Board. He served on the SSEF Board until his death in August 1986.

ELIGIBILITY

The Fellowship is available to a Canadian citizen or a permanent resident of Canada who will be admitted in the following academic year to a first to fourth year of full-time graduate studies in structural engineering, with major emphasis on the study of steel structures. Candidates for either a Master's Degree or a Doctoral Degree are eligible to apply. A candidate transferring from a Masters to a PHD program shall be eligible for an additional four years from the date of transfer. A candidate may be awarded the Fellowship only once. Applications must be received by the Canadian Institute of Steel Construction no later than January 29, 2021. Failure to provide all of the requested information in the application will result in disqualification.

For full award and application details visit the CISC website (<https://www.cisc-icca.ca/scholarships/jackson-fellowship>)

By submitting your application to CISC's Education & Research programs, you consent to having your name, your company name and your photograph used in various CISC Marketing & Communications printed materials and web sites. You specifically consent to the digital compositing of the pictures, including without restriction any changes or alterations as to color, size, shape, perspective, context, foreground or background. You hereby waive any right that you may have to inspect or approve the finished photograph and the text that may be used in connection with your name, your company name and your photograph or the use to which your name, your company name and your photograph may be applied.

2020 RECIPIENT

Pierre Thibault, is a Master's student at the Université Laval under the supervision of professor Charles Darwin-Annan.

Pierre's research focuses on performance improvements for buckling restrained braces, a popular lateral force resisting system in seismic regions. Enhancing the performance of steel structures when subjected to earthquake loading will increase the use of steel as a building material in many key Canadian markets.

Pierre won third place at the CSE National Capstone Design Competition. This is an impressive feat considering that the CSE is open to all disciplines of Civil Engineering.

RECENT WINNERS OF THE G. J. JACKSON FELLOWSHIP

- 2019 Pedram Mortazavi
University of Toronto
- 2018 Dimple Ji
University of Alberta
- 2017 Frédéric Brunet
École Polytechnique Montréal
- 2016 Taylor Steele
McMaster University
- 2015 Thierry Béland
École Polytechnique de Montréal
- 2014 François Leprince
Université Laval
- 2013 Cameron Ritchie
University of Toronto

APPLY TO:

Email: info@cisc-icca.ca
Canadian Institute of Steel Construction
445 Apple Creek Blvd., Suite 102
Markham, Ontario L3R 9X7
Telephone: 647-264-1024

www.cisc-icca.ca

*Image: Christina Vogiatzis
Recipient of the 2020 CISC Architectural Design Competition
Award of Excellence*

SUMMIT

Located precariously at the peak of Blackcomb Mountain in Whistler, BC, Summit is a sleek, steel tower that brings explorers to a point higher than ever before. Reaching a height of 24m, Summit offers breathtaking views of the sublime, mountain landscape that thousands of people travel each year to experience.

The design of the tower consists of three main structural components: a primary tubular support structure, an egress arm with stairs and observation deck, and a series of tension cables that tie back the structure. Alluding to the surrounding landscape, the primary support structure takes the form of a pair of adjacent arches that converge at a single point to support the suspended observation deck, much like the adjacent pair of twin mountains - Whistler Mountain and Blackcomb Mountain - that compose the site.

Summit is finished in a jet blue, epoxy-based intumescent coating to emphasize its grand form within the landscape. The egress arm is constructed of galvanized steel for durability and differentiation. The tension cables and connectors are composed of stainless steel, which simultaneously provides strength, corrosion protection, and a sleek finish.

The precarious aesthetic of Summit inspires the bravest of travelers to ascend and experience the incredible views that it offers. Higher than the birds, higher than the clouds, Summit is a unique architectural structure that brings humanity beyond the 2,436m limit of the ancient mountain on which it stands.

