

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 March 1, 2023. 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.

2022 RECIPIENT

Bashar Hariri has started his Ph.D. studies at Polytechnique Montréal in January 2019. He has successfully completed his course requirements in the Fall of 2019 and is now involved on a full-time basis in his research project on the seismic design of steel buckling restrained braced frames for tall building structures.

Mr. Hariri's research project focuses on the seismic response and design of innovative steel braced frames for tall building applications. These frames can be designed with buckling restrained bracing members or braces equipped with friction energy dissipation end connections that act in series. In the proposed configuration, chevron bracing is used and one of the two braces at every level is a conventional brace designed to remain elastic to create with the beam positive post-yielding storey stiffness and self centering capability when yielding or slip occurs in the other brace. This results in stable hysteretic response for the frame. In his project, Bashar is conducting extensive analyses to fully assess the seismic performance of the proposed braced frame system and propose proposer configurations and specific design requirements for given seismic demand levels and building height ranges. He also works on developing simple design procedures for each of the proposed systems.

RECENT WINNERS OF THE G. J. JACKSON FELLOWSHIP

2021	Michelle Chien University of Waterloo
2020	Pierre Thibault Université Laval
2019	Pedram Mortazavi University of Toronto
2018	Dimple Ji University of Alberta
2017	Frédéric Brunet École Polytechnique Montréal

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*Image: Owen Gideon Melisek & Silas Clusiau
Recipient of the 2022 CISC Architectural Design Competition
Award of Excellence*

