

# G. J. JACKSON FELLOWSHIP

## THE G. J. JACKSON FELLOWSHIP

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 14, 2025. 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.*

## 2024 RECIPIENT

Brendan Richards started the Master of Applied Science (MASc) program at Dalhousie University in January of 2022 and, after making exceptional progress in his first year of study, fast-tracked into the Doctor of Philosophy (PhD) program in September 2023. Under the supervision of Dr. Kyle Tousignant, Brendan is conducting research on the complex behaviours of rectangular hollow section (RHS) members in gravity and moments resisting frames.

The goal of Brendan's research is to facilitate the efficient use of RHS beams and beam-columns through experimental testing and numerical analysis, with focuses on the ultimate capacity of field-bolted RHS-to-RHS column splices, design procedures for Class 4 (or slender) RHS flexural members, and the applicability of current limiting depth-to-thickness ratios for the classification of RHS webs in flexure and combined loading.

Brendan's research is expected to provide improved design guidance for Canadian steel design standards, further promote the use of steel RHS in a range of new applications and further foster innovation and development within the industry.

## RECENT WINNERS OF THE G. J. JACKSON FELLOWSHIP

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|------|--|
| 2023 | Benjamin R. W. Newcomb<br>Dalhousie University   |
| 2022 | Bashar Hariri<br>École Polytechnique de Montréal |
| 2021 | Michelle Chien<br>University of Waterloo         |
| 2020 | Pierre Thibault<br>Université Laval              |
| 2019 | Pedram Mortazavi<br>University of Toronto        |
| 2018 | Dimple Ji<br>University of Alberta               |

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