

# G. J. JACKSON FELLOWSHIP

## THE G. J. JACKSON FELLOWSHIP

The G. J. Jackson Fellowship is a prestigious annual award currently valued at \$20,000 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. Applications must be received by the Canadian Institute of Steel Construction no later than January 16, 2017. 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 (<http://cisc-icca.ca/education-research/scholarships>)

*Image: Matthew Dlugosz & Zihao Wei  
Recipients of the 2016 CISC Architectural Design Competition Award of Excellence*

## 2016 RECIPIENT

Taylor Steele is a Master's student at McMaster University, supervised by Dr. Lydell Wiebe, a Fellowship recipient himself in 2005.

Taylor's research topic is "Simplified modelling guidelines for controlled rocking steel braced frames", which are damage-free Seismic Force Resisting Systems. Focusing on critical connections, he will be using numerical modelling and experimental validation to develop guidelines for practising engineers to use commercially available software in their design. Taylor is investigating different hazard levels to evaluate the collapse probability and general performance of these systems including different modes of structural failure. The goal of this work is to codify the system and improve the economics of designing and constructing controlled rocking steel braced frames.

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

- 2015 Thierry Béland  
École Polytechnique de Montréal
- 2014 François Leprince  
Université Laval
- 2013 Cameron Ritchie  
University of Toronto
- 2012 Rafiqul Haque  
University of British Columbia
- 2011 Morteza Dehghani  
École Polytechnique de Montréal
- 2010 Tarana Haque  
University of Toronto

## APPLY TO:

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