

2016 HIGHLIGHTS

- Three (3) new donors with multi-year commitments were secured; one (1) existing donor renewed its multi-year commitment
- 41 scholarships valued at \$157,500 are being awarded this year, bringing the total value of scholarships awarded since 2005 to \$1,824,000
- A new Student Activities Fund was established. Applications to the Fund can be made to support activities enhancing students' studies in transportation disciplines at Canadian institutions
- The Board held a strategic planning session where reviewing and adapting programs, and increasing awareness, were identified as top Foundation priorities. Identifying and defining the increasingly diverse set of skills that will be needed by transportation professionals in the future, and how to ensure their alignment with the TAC Foundation's programs, was raised as a key challenge
- Three (3) new Board members were welcomed to broaden the demographic of the group

2016 STRATEGIC PRIORITIES

Fundraising

Since the Foundation was established in 2003, more than \$2.4 million in donations has been received, and another \$360,000 in donations is already committed for future years.

The main factor contributing to the Foundation's success is that its purpose responds to the widely-acknowledged need to encourage talented students to study and work in roadway-related and urban transportation. The Foundation's programs have attracted support from governments, private sector companies and individuals. The Foundation's Fundraising Coordinator, with the active participation of its Directors, leads in seeking new supporters while ensuring that the current donor base is maintained.

Three brand new donors came on board with multi-year commitments in 2016. Thank you and welcome to:

- Colas Canada with a three-year commitment of \$16,500; two \$2,500 community college/cegep named scholarships per year for the three years;
- Transoft Solutions with a five-year commitment of \$15,000; \$3,000 per year in support of the general programs of the TAC Foundation;
- WSP with a five-year commitment of \$27,500; \$5,500 per year to support a named scholarship.

Once again, support from the federal, provincial and territorial departments of transportation has been universal. The Foundation is greatly encouraged by the long term, solid show of support from these donors.

In addition, Parsons renewed its commitment to the Foundation with an annual donation of \$5,500 per year for three-years for a named scholarship, totaling \$16,500.

At the 2015 TAC Conference & Exhibition, part of Tuesday's lunch program was dedicated to featuring the TAC Foundation's activities. This included highlighting the ongoing success of the scholarship program, and providing much-valued onscreen recognition to donors that support a named scholarship. Prior to the lunch, a small reception for donors, Foundation volunteers and current and past scholarship recipients was held.

Scholarship Program

Since the TAC Foundation began awarding scholarships in 2005, a total of 451 scholarships valuing \$1,824,000 have been awarded to students at the graduate, undergraduate (university and college) and entrance level in transportation-related disciplines.

In 2016, 31 scholarships valued at \$132,500 are being awarded directly through the Foundation. The Foundation's Scholarship Committee, chaired by Dr. Luis Amador of Concordia University, reviewed 118 applications in the three categories. The 31 recipients, plus a number of other high-ranking applicants, will again benefit from the Employment Connections component of the program when, later this fall, information about their future employment interests and career ambitions will be shared with the TAC Foundation's major donors. Connecting transportation and roadways sector

HISTORY

The Transportation Association of Canada (TAC) Foundation, a registered charity, was established by the Transportation Association of Canada in 2003 to address the issue of shortages in the number of skilled people available for the planning, design, construction, operation and maintenance of Canada's transportation infrastructure.

The primary thrust of the TAC Foundation has been to expand TAC's previous support of transportation education, both in terms of annual total dollars available to students in transportation programs and in scope.

MANDATE

The mandate of the Transportation Association of Canada (TAC) Foundation is to support the educational and research needs of the Canadian transportation industry. There are four objectives of the Foundation – two current and two anticipated.

Current Objectives

1. To provide scholarships to Canadians and permanent residents who are attending educational establishments, and who are enrolled in full-time transportation disciplines related to the planning, design, construction, operations, maintenance and program management of transportation infrastructure, including urban transit
2. To develop a program of internships and mentoring to encourage students enrolled in transportation-related disciplines at Canadian educational institutions

employers with the best and brightest young professionals entering the field brings increased relevance to participating in the TAC Foundation's Scholarship Program for both donors and applicants.

The two programs launched in 2015 in partnership with the Norman Esch Foundation continued with the University of Windsor and McMaster University. Recipients of these awards are selected by the universities.

The McMaster program offers five (5) scholarships worth \$15,000 each annually to graduate students focused on transportation engineering. The TAC / Esch Foundations contribute \$2,500 of seed funding to each award, while the balance is paid for by McMaster's School of Graduate Studies and the Government of Ontario's Graduate Scholarship Program. The University of Windsor program awards five (5) annual scholarships of \$5,000 each, targeted to undergraduates. Half of these funds are provided by the TAC and Esch Foundations, while the remaining half is contributed by the University of Windsor. Recipients of both awards are selected by the respective universities.

Therefore in 2016 there are 41 scholarships being awarded internally and externally, with \$157,500 from the TAC Foundation.

New Student Activities Fund

A new fund and related policy encouraging students to participate in activities that help them learn more about transportation as a discipline and career has been approved by the TAC Foundation Board. \$10,000 has been allocated in 2016 to the Student Activities Fund. The new policy details who can apply to the Fund, the type of activities that are supported, and the eligibility requirements and application guidelines.

Online forms to help students, student groups or their professors / instructors apply to the new Student Activities Fund are available on the website.

The TAC Foundation Board is optimistic that the Student Activities Fund will help the Foundation

broaden its level of awareness and influence among college and university students, and promote transportation as an attractive career choice.

Strategic Planning

The TAC Foundation hosted a strategic planning session in April 2016. The session included a thorough review of the Foundation's internal and external environments, and reaffirmed its focus on the following two priorities:

1. Ensure the TAC Foundation's programs are engaging to future stakeholders;
2. Increase awareness of the TAC Foundation's programs and services.

The session also saw some good progress on the priority identified in 2015 to involve a more diverse group of individuals as TAC Foundation volunteers. Three new Board members were welcomed in April 2016: Ryan Essex of the Miller Group; Vimy Henderson of Golder Associates; and Jim Weir of Morrison Hershfield.

Other objectives include being increasingly visible at the TAC Conference & Exhibition, and in activities that involve students and young professionals in the event.

Identifying and defining the increasingly diverse set of skills that will be needed by transportation professionals in the future, and how to ensure their alignment with the TAC Foundation's programs, was raised. Participants also agreed that as our transportation or mobility challenges become more complex, that these problems will be solved by teams of both transportation and other types of professionals working in an integrated fashion. The Foundation will seek the input of TAC's Education and Human Resources Development Council on how to adapt its operations and programs to prepare for these future challenges.

Finally, it was agreed that a small group be struck to review and likely adjust the Foundation's current vision and mission statements to be more aspirational and inspirational, as well as to capture the increasing complexity and diversity of the transportation industry.

FINANCIAL HIGHLIGHTS

As noted in the Fundraising section of this document, \$2.8 million has either received by or committed to TAC Foundation programs, past and future. \$1.77 million has been paid out in the form of scholarships, equaling 74% of all donated funds that have directly reached the hands of tomorrow's transportation leaders in the form of awards.

The TAC Foundation works annually on a break-even basis for its operational expenses. The 2015 audited financial statements can be found online at www.tac-foundation.ca.

DONORS

Thanks to the TAC Foundation donors, past and present, for helping the Foundation to raise more than \$2.8 million in past and committed donations. The following are recognized as 2016 donors:

Platinum

Cumulative and/or future commitments totaling \$50,000 or more

3M Canada Company*
AECOM*
Alberta Transportation*
Amec Foster Wheeler*
Dillon Consulting Limited*
Esch Foundation*
Golder Associates Ltd.*
Dr. Ralph Haas*
HDR Corporation*
IBI Group*
ISL Engineering and Land Services Ltd.*
Ministère des Transports, Mobilité durable et l'Électrification des transports du Québec*
Ministry of Transportation, Ontario*
Parsons*
SNC-Lavalin Inc.*
Stantec Consulting Ltd.*
Tetra Tech EBA*
Transport Canada*
Transportation Association of Canada

Gold

Cumulative and/or future commitments totaling \$25,000 or more

407 ETR
Alberta Traffic Supply Ltd.*
British Columbia Ministry of Transportation and Infrastructure*
Canadian Council of Independent Laboratories (CCIL)*
Canadian Council of Motor Transport Administrators (CCMTA)*
Halifax Regional Municipality*
Peto MacCallum Ltd.*
WSP*

Silver

Cumulative and/or future commitments totaling \$15,000 or more

Colas Canada
Manitoba Infrastructure and Transportation*
Metrolinx
New Brunswick Transportation and Infrastructure
Newfoundland and Labrador Transportation and Works
Nova Scotia Department of Transportation & Infrastructure Renewal*
P.E.I. Department of Transportation and Infrastructure Renewal
Saskatchewan Highways and Infrastructure
Transoft Solutions

Bronze

Cumulative and/or future commitments totaling \$1,000 or more

Al-Terra Engineering (Edmonton) Ltd.
EllisDon Corporation
Government of the Northwest Territories, Department of Transportation
Yukon Department of Highways and Public Works

President's Club

Cumulative past donations totaling \$15,000 or more

All 2016 donors marked with * plus:
Albert Stevens
Armtec
BA Consulting Group Ltd.
Cement Association of Canada
CIMA+
Dinah and John Emery
Exp
Hatch Mott MacDonald Ltd.
James M. Main
LEA Consulting Ltd.
Morrison Hershfield Ltd.
Thurber Engineering Ltd.
Waterloo Alumni
Western Association of Canadian Highways Officials

2016 BOARD OF DIRECTORS

Carl Clayton, Stantec Consulting Ltd.
Stephen Damp, EllisDon Corporation, Civil Division
Ryan Essex, The Miller Group
Keith S. Foster, Englobe
Jean-François Gysel, SNC-Lavalin Inc.
Brian D. Henderson, TAC Foundation
Vimy Henderson, Golder Associates Ltd.
Angela Iannuzziello, AECOM Canada Limited
Anne-Marie Leclerc, Ministère des Transports, Mobilité durable et l'Électrification des transports du Québec
Cindy Lucas, Ministry of Transportation, Ontario
Susan Tighe, University of Waterloo
Rob Wanless, WSP | MMM Group Limited
Jim Weir, Morrison Hershfield Limited
Sarah Wells, TAC

2016 OFFICERS

President – Stephen Damp
Past President – Carl Clayton
Executive Director – Brian Henderson
Secretary/Treasurer – Erica Andersen

2016 VOLUNTEER LEADERS

Marketing/Communications – Jean-François Gysel
Fundraising – Stephen Damp
Student Outreach – Keith Foster
Scholarships – Luis Amador

2016 UNIVERSITY SCHOLARSHIP RECIPIENTS

Erin Medforth

B.Sc. Civil Engineering
University of Saskatchewan
407 ETR ~ \$5,000

Braden Mann

B.Sc. Civil Engineering
University of Calgary
AECOM ~ \$5,000

Daina MacEachern

B.Sc. Civil Engineering
Dalhousie University
Amec Foster Wheeler ~ \$5,000

Amal Ghamrawi

Master of Applied Science
University of Windsor
ATS Traffic Group of Companies ~ \$5,000

Anthony Allard

PhD
Université Laval
Canadian Council of Independent Laboratories ~
\$5,000

Mona Dahir

Bachelor of Applied Science
University of British Columbia
CCMTA Road Safety ~ \$5,000

Jeffrey Probert

B.Sc. Civil Engineering
University of New Brunswick
Dillon Consulting Limited ~ \$5,000

Zahra Zarabi

PhD
Université de Montréal
Dr. Ralph Haas ~ \$5,000

Noah Brace

B.Sc. Civil Engineering
Memorial University of Newfoundland
Golder Associates Ltd. ~ \$5,000

Genevieve Boisjoly

PhD
McGill University
HDR Corporation ~ \$5,000

Damon Ryzner

B.Sc. Civil Engineering
University of Calgary
ISL Engineering, in recognition of Gary W. Mack ~
\$5,000

Adam Rosenfield

Master of Science
Massachusetts Institute of Technology (MIT)
Parsons, in recognition of W. J. Malone ~ \$5,000

Victoria Speller

Bachelor of Applied Science, Civil Engineering
University of Waterloo
Peto MacCallum ~ \$5,000

Alexandre Wolford

Master of Urban Studies
Institut national de la recherche scientifique
SNC-Lavalin ~ \$5,000

Giuseppe Grande

Master of Science
University of Manitoba
\$5,000
Stantec Consulting, in recognition of
Dr. Ralph Haas ~ \$5,000

Tarek Omar

PhD
University of Western Ontario
\$5,000
Stantec Consulting, in recognition of
Dr. Frank Meyer ~ \$5,000

Daniel Le

B.Sc. Civil Engineering
University of Calgary
Tetra Tech EBA Inc. ~ \$5,000

Jay Lee

B.Sc. Civil Engineering
University of British Columbia
WSP Canada Inc. ~ \$5,000

Jean-François Bruneau

PhD
Polytechnique Montréal
3M Canada Company, Bob Margison Memorial ~
\$4,500

Jace Thibault

B.Sc. Civil Engineering
University of Alberta
IBI Group ~ \$4,500

Stéphanie Gamache

PhD
Université Laval
Canadian Provinces & Territories ~ \$4,000

Joshua Stipanovic

PhD
McGill University
Canadian Provinces & Territories ~ \$4,000

Meredith Stadnyk

B.Sc. Civil Engineering
University of Alberta
Canadian Provinces & Territories ~ \$3,000

Jared Vanderwees

M.Sc., Civil Engineering
University of Manitoba
Canadian Provinces & Territories ~ \$3,000

Trevor Stirling

Bachelor of Applied Science
University of British Columbia
Canadian Provinces & Territories ~ \$3,000

Ian Mckenna

Bachelor of Applied Science
University of British Columbia
Municipalities ~ \$3,000

Gregory Hoy

Master of Applied Science
University of Toronto
TAC Foundation ~ \$3,000

Brendan McPhee

Master of Science in Engineering
University of New Brunswick
TAC Foundation ~ \$3,000

2016 COLLEGE/CEGEP SCHOLARSHIP RECIPIENTS

Shaymaa Al-Ani

Transportation Engineering Advanced Diploma
Mohawk College
Colas Canada ~ \$2,500

Omar Shams

Transportation Engineering Advanced Diploma
Mohawk College
Colas Canada ~ \$2,500

Ryan Krantz

Transportation Engineering Advanced Diploma
Mohawk College
EllisDon Corporation, Civil Division ~ \$2,500