2021 YEAR IN REVIEW

Supporting the Education and Development of Tomorrow’s Transportation Professionals
The Transportation Association of Canada (TAC) Foundation is a registered charity established by TAC in 2003 to address the challenges associated with a shortage of skilled people available for the planning, design, construction, operation and maintenance of Canada’s transportation infrastructure.

Our Mission

The Transportation Association of Canada Foundation supports the education and personnel development needs of the Canadian transportation industry by:

- Providing educational support to individuals attending post-secondary institutions in current and future transportation-related disciplines;
- Providing financial support for student activities to promote transportation-related disciplines as a career;
- Supporting opportunities to link emerging technologies and relevant non-traditional disciplines with transportation professionals and students.
Fundraising is a critical priority for the Foundation. Its Executive Director and Board of Directors invest significant energy in establishing and nurturing relationships with donors who share its vision and support its goals and objectives.

Those fundraising efforts have resulted in donations to the Foundation totaling $3.3 million since it was established in 2003, with another $197,000 committed for future years, meaning that the Foundation’s past and future commitments have exceeded $3.5 million.

The Foundation is grateful for the support received from governments, private sector companies, and individuals. The Board of Directors will continue to nurture its relationship with current and potential donor organizations and to communicate the value of supporting students in transportation-related programs of study.

All 2021 donors are listed at the end of this report.
Strategic Priorities

Marketing and Communications

Promoting the aims of the Foundation to attract donors and high-caliber scholarship applicants is also a priority of the Foundation and is a particular focus for its Marketing and Communications Committee.

In 2021, the Committee welcomed new members who collaborated on an external outreach program. The slide deck created for this program is intended to promote the TAC Foundation and attract potential new donors.

The Committee also launched a successful social media campaign to highlight the award winners and donors and encourage a longer-term relationship between the two groups.

In addition, a dedicated LinkedIn page is now live and is growing a following as new material is posted regularly. To join TAC Foundation’s mission, follow us on LinkedIn.
Scholarships
Since academic year 2004/2005, the Foundation’s scholarship program has awarded 585 scholarships valued at $2.4 million to graduate, undergraduate (university and college) and college/CEGEP level students in transportation-related disciplines.

Although the global pandemic impacted new donations and commitment renewals, in 2021, the Foundation was pleased to award 24 scholarships totaling $105,000. A list of the 2021 scholarship recipients and donors is contained herein and is also available on the Foundation website.

The 24 recipients, plus several other high-ranking applicants, could benefit from the Employment Connections component of the program, where information about their future employment interests and career ambitions will be shared with the TAC Foundation’s major donors.

The Foundation gratefully acknowledges the leadership of Janelle Warren, Regional Sales Manager – Eastern Canada, MuniSight Ltd., and the contributions of over 130 volunteers who reviewed scholarship applications this year.

Internships
Again in 2021, the Foundation promoted paid summer internships offering on-the-job training with transportation employers across Canada.

Four participating companies paid a service fee to the Foundation, which advertised the positions, collected and passed along the eligible applications. The companies then managed the selection and hiring process independently.

The number of internships filled in 2021 is unknown and may have been impacted by the COVID-19 pandemic.

“By expanding the Foundation’s Internship program, we can build a strong path towards engaging and connecting young aspiring transportation professionals with talent deficient organizations.”

Raymond J. Mantha
TAC Foundation Executive Director
Student Activities Fund

For 2021, $1,500 was allocated to the Student Activities Fund to support those participating in extracurricular activities like field trips or educational experiences, or to purchase infrastructure or equipment that support their studies in transportation-related disciplines.

Unfortunately, no applications to the Fund were received this year, likely due to COVID-19 restrictions on activities.

TRAC™ Learning

Developed by the American Association of State and Highway Transportation Officials, TRAC™ is a hands-on learning program designed to engage students from grades 7 through 12 with transportation and civil engineering subjects.

The TAC Foundation has been proud to offer TRAC™ sessions for high school students in conjunction with past events of the Transportation Association of Canada. Unfortunately, the COVID-19 pandemic made it impossible to deliver sessions in 2021 and plans to do so again in the future.

Leadership

Board of Directors

- Gerry Chaput, IBI Group
- Carl Clayton, IBI Group
- Ryan Essex, The Miller Group
- Keith S. Foster, Englobe
- Jean-François Gysel
- Vimy Henderson, PSI Technologies Inc.
- Anne-Marie Leclerc, Ministère des Transports du Québec
- Max Mantha, EllisDon Corporation
- Ray Mantha, TAC Foundation
- Jeannette Montufar, MORR Transportation Consulting Ltd.
- Scott Stewart, IBI Group
- Susan Tighe, McMaster University
- Janelle Warren, MuniSight Ltd.
- Jim Weir, Morrison Hershfield Limited
- Sarah Wells, Transportation Association of Canada

Officers

- President – Gerry Chaput
- Vice President – Jim Weir
- Executive Director – Ray Mantha
- Treasurer – Scott Stewart

Committee Leaders

- Marketing/Communications – Vimy Henderson
- Fundraising – Ray Mantha
- Student Outreach – Keith Foster
- Scholarships – Janelle Warren
- Internships – Carl Clayton
The TAC Foundation provides industry members with an opportunity to access and connect with Canada’s top students and young transportation professionals.

Gerry Chaput
TAC Foundation President
# 2021 Scholarship Recipients

## $6000

<table>
<thead>
<tr>
<th>Foundation/Company</th>
<th>Recipient Name</th>
<th>Degree/Title</th>
<th>Institution</th>
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<tbody>
<tr>
<td>Esch Foundation</td>
<td>Shaila Jamal</td>
<td>Ph.D. student</td>
<td>School of Earth, Environment and Society, McMaster University</td>
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<tr>
<td></td>
<td>Seyyedshayan Barary</td>
<td>Bachelor of Engineering - Structural Engineering</td>
<td>Ryerson University</td>
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<tr>
<td></td>
<td>Ahmed Diab</td>
<td>PhD student in Civil Engineering</td>
<td>Ryerson University</td>
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<td></td>
<td>Natalie Chui</td>
<td>Bachelor of Science, Engineering Science, Infrastructure with a Minor in Environmental Engineering</td>
<td>University of Toronto</td>
</tr>
<tr>
<td></td>
<td>Dev Chitale</td>
<td>Bachelor of Civil Engineering</td>
<td>Ryerson University</td>
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## $5000

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<th>Company/Institution</th>
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<th>Degree/Title</th>
<th>Institution</th>
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<tbody>
<tr>
<td>407 ETR</td>
<td>Kareem Embaby</td>
<td>Ph.D. student</td>
<td>University of Western Ontario</td>
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<tr>
<td>Atlantic Industries Limited</td>
<td>CJ McCardle</td>
<td>Bachelor of Science in Civil Engineering</td>
<td>University of New Brunswick</td>
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<td>Canadian Council of Independent Laboratories</td>
<td>Charlotte Lemieux</td>
<td>Maîtrise recherché - Génie civil</td>
<td>Polytechnique Montréal</td>
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<tr>
<td>EllisDon Corporation, in honour of past TAC Foundation President, Mr. Stephen Damp</td>
<td>Ariel Yerushalmi</td>
<td>Bachelor of Engineering (Honours)</td>
<td>York University</td>
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<tr>
<td>Government of Alberta</td>
<td>Mohamed Saleh</td>
<td>PhD student in Civil Engineering</td>
<td>University of Alberta</td>
</tr>
<tr>
<td>LEA Consulting Ltd.</td>
<td>Anastasia Soukhov</td>
<td>Master's Degree in Civil Engineering, Transportation</td>
<td>McMaster University</td>
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<tr>
<td>SNC-Lavalin</td>
<td>Marie-Pier Champagne</td>
<td>Doctorat en aménagement du territoire et développement régional</td>
<td>University of Laval</td>
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<td>TAC Foundation, Dr. Ralph Haas Memorial</td>
<td>Joël Desbiens</td>
<td>Baccalauréat en génie civil</td>
<td>University of Laval</td>
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<tr>
<td>Transoft Solutions</td>
<td>Vivienne Li</td>
<td>Master of Science in Civil Engineering</td>
<td>University of British Columbia</td>
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<td>Wood PLC</td>
<td>Cassidy Zrobek</td>
<td>Master of Science in Civil Engineering</td>
<td>University of Manitoba</td>
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<tr>
<td>Scholarship Name</td>
<td>Amount</td>
<td>Recipient(s)</td>
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| 3M Canada Bob Margison Memorial          | $4500  | Ethan MacLeod  
PhD student in Civil Engineering, University of New Brunswick |
| TAC Foundation                           | $3000  | Michelle Chien  
PhD student in Civil Engineering, University of Waterloo                      |
| Paradigm Transportation Solutions Limited Future Leaders Scholarship | $2725  | Jérémie Racine  
Diplôme d’études collégiales, Technologie minérale, spécialisation en géologie, Cégep de Thetford |
| Colas Canada                             | $2500  | Antoine Lebrun  
College diploma with a focus on geotechnical studies, Cégep de Thetford       |
|                                          |        | Teodor Rotaru  
Civil Engineering Technology diploma, Seneca College                           |
| Guild Electric Limited                   |        | Clarck Perez  
Advanced College Diploma in Urban & Regional Planning, Mohawk College           |
|                                          |        | Subhesh Baral  
Civil Engineering Technology- Transportation Diploma, Mohawk College             |
| Safe Roads Engineering                   |        | Franklin Martinez-Gomez  
Ontario Advanced College Diploma in Civil Engineering Technology, Seneca College |
| CCMTA Road Safety Scholarship            |        | Sarah Peris  
Ontario College Advanced Diploma - Civil Engineering Technology, Seneca College |
For donor and volunteer enquiries:
Raymond J. Mantha, TAC Foundation Executive Director
foundation@tac-atc.ca

For scholarship application & general enquiries:
foundation@tac-atc.ca | 613-736-1350

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www.tac-atc.ca/en/tac-foundation