



SPRING 2020

THE MANITOBA TECHNOLOGIST

Challenging Times - Doing our best to look after our members

**PERSONAL DEVELOPMENT:
CONTINUE YOUR LEARNING JOURNEY**

PLUS: OUR PRESIDENT'S MESSAGE



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Health and safety is our #1 priority

Doing our part to prevent the spread of COVID-19

Crises reveal the strengths and weaknesses of our societies and our institutions. Just like Manitoba's response to the 1997 flood showed the depth of our of community spirit. That was a time when we stood shoulder to shoulder heaving sandbags in the face of seemingly insurmountable odds. The courage and determination shown by Manitobans has never been forgotten.

Fast forward 23 years and we all again face a devastating threat. But this time instead of seeing water rising, all we see are the rising numbers of COVID-19 cases, locally and world wide.

The enemy this time is a microscopic virus. To fight it we again need to stand together, shoulder to shoulder, but now we must keep two meters apart.

Many of our members provide essential services for people across the province.

A heartfelt thank you to all of those working on the front lines.

While CTTAM is always proud and supportive of our members, your expertise is needed now more than ever before.

Whether it is ensuring the power stays on, that we have clean air to breathe, that we have clean water to drink, or that ventilators are ready for those who need them.

In light of the rapidly changing virus developments, we continue to need to be the kind of leaders who help us get through this, to stand together and to overcome the threat of COVID-19.

It's also important for those who can to stay home — in order to support family, friends and loved ones throughout our communities. It is up to all of us to modify our behaviours and to cooperate with government health directives. At CTTAM we are doing all that we can to support our members.

Can't say this enough, stay safe, and take care of those around you. We look forward to connecting with you again soon.

In 1997 we always believed life would eventually return to normal. As we now again face unprecedented times, I believe that together, *"We will win."*

Andrew Procca, B.Tech, C.E.T., PMP
CTTAM President

Andrew Procca is a project manager at the National Research Council of Canada. He holds a bachelor of technology degree (2008) from Memorial University of Newfoundland and a diploma in electronic engineering technology (1988) from the Red River College of Applied Arts, Science, and Technology. Andrew has over 25 years of experience spanning the manufacturing, information technology and medical device industries.



Challenging times

Steps taken to keep our members and staff safe

I recognize that for all of us these are uncertain, uncharted and trying times in our lives.

The COVID-19 pandemic is having an impact on the health of our loved ones, the businesses we rely upon, the global economy and the way we live our daily routines.

As we all continue to navigate through these evolving challenges, I want you to know that CTTAM is here for you.

Many of our members are stepping up to help, because no one sector can do it alone. We are all doing our best as we continue to adapt to keep all our members safe and ultimately all Canadians.

We need to support our community as we collectively work through ending this virus. Something as simple as social distancing can make a significant contribution to flattening the spread of COVID-19. It is during times like these that courage, generosity and resilience makes a difference.

Office changes

CTTAM staff are now working remotely. I recognize that the changes in how we operate may not always make it easier for you. You might see an impact on wait times for our phone or email service.

During this time, you can find immediate answers to your questions on the CTTAM website at www.cttam.com.

I appreciate our valued members patience as we navigate through these tough times.

Thank you for your support and understanding.

I also know our members work for businesses of all sizes which are under stress and that some of you are facing significant hardship.

We will continue to try to hopefully meet your professional needs as we draw on technologists and resources to provide consistent member services.

Please continue to visit our website, and follow us on Facebook, Twitter and our LinkedIn pages for updates and to find helpful resources.

Thank you for being a CTTAM member, and for the expertise you provide to the public.

Stay safe and healthy, as we all look forward to when our lives return back to our normal day to day routines.

Feedback

We want to hear from you. Tell us what you like or what we can do better.

Articles, suggestions or constructive criticism regarding this publication, the Association, or other matters of interest to Engineering and Applied Science Technicians and Technologists should be sent to the Editor at:

CTTAM

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Winnipeg, Manitoba
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admin@cttam.com

Office hours

The CTTAM office is currently closed to the public in accordance with Manitoba Public Health directives.

The Manitoba Technologist is published by the Certified Technicians and Technologists Association of Manitoba (CTTAM).

The opinions expressed by the authors do not necessarily reflect the official views of the Association. This newsletter acts as a moderator without approving, disapproving or guaranteeing the validity or accuracy of any data, claim, or opinion appearing under a byline or obtained or quoted from an acknowledged source.



Robert Okabe, C.E.T., IntET (Canada)
CEO and Registrar

Robert (Bob) Okabe has been our CEO and Registrar since July 2015. He has a Civil Engineering Technology Diploma from Red River College. Bob has served as Association President, Panel of Examiners Committee Member, CCTT Director and past Chair and Program Reviewer for CTAB.

CERTIFIED

Congratulations
to our newly
certified
members.

Welcome!

Being certified through CTTAM, permits our members to use one of two titles, *Certified Technician* or *Certified Engineering Technologist*. It also allows the use of the designations C. Tech. or C.E.T., depending on the type of certification. These designations are recognized by industry and employers and indicate that you are a member of a professional association.

A majority of employers require that their employees become certified and will often make this a requirement for job placement and upgrading. Quality-based selection is now an important factor in awarding contracts to employers who have certified staff. Active certified members are able to transfer their certification to other provinces in Canada. Certified members may also vote in the association's elections, hold office and participate on one of CTTAM's many committees. There are also many discounts on different services available to CTTAM members and access to the CTEN job bank at www.cten.ca.

Technicians

Alexandre Wajnsztein, C.Tech.
Anthony Consigna, C.Tech.
Barry Potapinski, C.Tech.

Canada Goose
Price Electronics
Manitoba Hydro

Brian Joyce, C.Tech.
Carlo Laloma, C.Tech.

Weston Bakeries
Price Industries Limited

Technologists

Aaron Bosma, C.E.T.
Anas Elmaazouz-Alaoui, C.E.T.
Angela Grafilo, C.E.T.
Arshdeep Kaurjuneja, C.E.T.
Benji Wiebe, C.E.T.
Brett Molchan, C.E.T.
Brett Postlethwaite, C.E.T.
Crystal LeBlanc, C.E.T.
Derek Buchel, C.E.T.
Donathan Penaranda, C.E.T.
Eduardo Bernardo, C.E.T.
Eric Mbiazoua, C.E.T.

PCL Constructors Canada Inc.
New Flyer
Ironclad Developments Inc.
City of Winnipeg
Skystone International Inc.
Orthopaedic Innovation Centre
Manitoba Hydro
ENG-Tech Consulting Ltd.
City of Selkirk
Black & McDonald Ltd.
KGS Group
Sycamore Energy/Solar
Manitoba
WSP Group Canada
Cronos Group
Manitoba Hydro
DGH Engineering Ltd.
Mango Control Systems Inc.
WAASA Indigenous Services
PCL Constructors Canada Inc.
Ininew Limited Partnership

Justin Lueck, C.E.T.
Kendra Friesen, C.E.T.
Laura Redpath, C.E.T.
Lovelyn Punzalan, C.E.T.
Maribeth Barrientos, C.E.T.
Matthew Hawkeye, C.E.T.
Michael Ciz, C.E.T.
Mithun Prince, C.E.T.
NDU Mack Onwukeme, C.E.T.

Barnes & Duncan
Number Ten Architectural Group
Barnes & Duncan
Controlled Environments Limited
Conviron
PCL Constructors Canada Inc.
City of Winnipeg
Motor Coach Industries
Demand Side Energy
Consultants Inc.
Tamarack Industries
Johnson Controls
Tetra Tech, Inc.
Honeywell Ltd.
Price Electronics
Marrbeck Construction
B.A. Robinson Co., Ltd
J.R. Cousin Consultants Ltd
Murano Gardens of Linden Woods
City of Thompson
Not employed at this time

Evan Lock, C.E.T.
Gurminder Singh, C.E.T.
Ilesanmi Olotuah, C.E.T.
Jasmine Wojcik, C.E.T.
Jeffrey Braun, C.E.T.
Jeroen Trommel, C.E.T.
Jonathan La Plante, C.E.T.
Justin Beebe-Brand, C.E.T.

Pragnash Patek, C.E.T.
Rachael Onakapoya, C.E.T.
Riley Dueck, C.E.T.
Robyn Einrason, C.E.T.
Rodolfo de Ocampo, C.E.T.
Ronaldo Abad, C.E.T.
Rowell Raganas, C.E.T.
Samuel Juganas, C.E.T.
Shivang Pandya, C.E.T.
Surinder Bajwa, C.E.T.
Thein Pham, C.E.T.

**Our
Board of
Directors**

Over the past 55 years, CTTAM has supported the recognition of engineering technologists and technicians for their important role in engineering technology and applied sciences. Our primary purpose is the certification and regulation of our members.

President
Andrew Procca, C.E.T.

Past President
Kellie Orr, C.E.T.

President Elect
Ted Protosavage, C.E.T., P.Eng.

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Mariclaire Monton, C.E.T.
Grant Nicol, C.E.T.
Dana Shewchuk, C.E.T.
Josee Remillard, C.E.T.
Elaine Vegh, C.E.T.
Harvey Kaita, Member-at-Large

CTTAM Office
Robert Okabe, C.E.T., IntET (Canada)
CEO and Registrar
Lauren Gluck
Member Services Coordinator
Cathy Penner
Registration Services Coordinator

CTTAM Scholarships



Our industry relies on innovation and technology and the on-going drive of our members to succeed and thrive in their chosen professions. In part, the future of our organization relies on graduates becoming new members. CTTAM is dedicated to the innovative future of upcoming technicians and technologists. Offering scholarships is our way of helping students recognize and reach their full potential.

CTTAM Scholarships



Scholarship recipient — University College of the North
 Congratulations to **Natasha Fafard**, this year's successful awardee of a CTTAM scholarship.



Natasha is in her last year of the two-year Natural Resources Management Technology diploma program at the University College of the North, The Pas Campus.

The following skills are why she was a successful scholarship candidate:
 Natasha demonstrates the motivation and enthusiasm for learning about the environment and the natural resource field. She willingly shares with others her personal experiences and knowledge she has acquired, including from work she has done with the Nature Conservancy and the Manitoba Metis Federation. Natasha's positive attitude, perseverance, unwillingness to remain idle, and determination in accomplishing her educational goals makes her a worthy scholarship winner.

Natasha Fafard with her scholarship award.

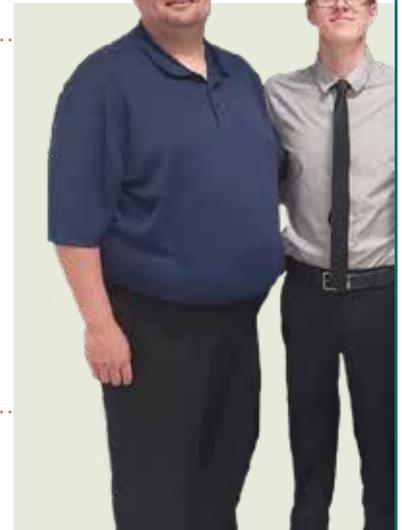
CTTAM Members' Childrens' Scholarship recipient — Northern Alberta Institute of Technology (NAIT)



Congratulations to **Matt Fey**, who was awarded his scholarship in October 2019.

CTTAM awards scholarships to the children of CTTAM Members. Successful recipients must be enrolled in an engineering technology or applied science technology program of study that leads to a technician or technologist diploma.

Matt Fey received a \$500 scholarship from CTTAM in the Fall of 2019 and is enrolled in the Architectural Technology Program at N.A.I.T. in Edmonton.



CTTAM member Kurt Fey with his son Matt Fey.

Scholarship recipients — Assiniboine Community College



The successful recipients from Assiniboine Community College are:

- Webin Zhang** — Communications Engineering Technology
- Garett Strath** — Civil Technology (Municipal Engineering Specialization)

We also want to acknowledge the contributions of **Grant Nicol**, C.E.T., who is an instructor in the School of Agriculture & Environment at Assiniboine Community College. Grant is a Board director and a long-standing and valued CTTAM member.

Honouring our long-term members



Our organization's success depends upon our dedicated members especially those who have been actively enrolled for thirty years or more. When a member commits to CTTAM we work hard to deliver services to help ensure a productive and long-lasting relationship.

In 2019 at our Annual General Meeting, in order to officially recognize long-standing members, our Board of Directors introduced a by-law change to our membership categories. Approved in October 2019, the new "Retired Life Members" category was officially added to CTTAM By-Laws.

The addition states:

Part 3 - Membership

"Retired Life Member 3.14 — A Member, who has retired and ceased to practice and has maintained membership for a minimum of (30) thirty years may apply to the Board for "Retired Life Member" status. Such membership shall be for the lifetime of the Member and shall be without fees or dues."

Retired Life Member" status has been awarded to the following long-standing active CTTAM Members. Retired Life Members remain active with CTTAM without having to pay any annual fees or dues.

Thank you

- | | | |
|-----------------------------------|-------------------------------------|------------------------------------|
| Alan Nixon , C.Tech. | Dennis Beattie , C.E.T. | John Robinson , C.Tech. |
| Alexander Cupples , C.E.T. | Donald Cameron , C.E.T. | John Hutchinson , C.E.T. |
| Alfred Blaich , C.Tech. | Donald La Vallee , C.E.T. | Julian Gorchynski , C.E.T. |
| Allan Boyd , C.E.T. | E. Roger Leuzinger , C.E.T. | Kwok Ming Lee , C.Tech. |
| Alvin Quiring , C.E.T. | Edgar Kelly , C.E.T. | Laurence Moore , C.Tech. |
| Andrew Labay , C.E.T. | Edward Zurek , C.E.T. | Leslie Howard , C.E.T. |
| Andrew Lapkowski , C.E.T. | Emanuel Bettencourt , C.E.T. | Maurice Steffano , C.E.T. |
| Arthur Schultz , C.E.T. | Ernest Fink , C.Tech. | Mervyn Perkins , C.E.T. |
| Arvid Ewashko , C.E.T. | Felix Bileski , C.E.T. | Mervyn Anderson , C.E.T. |
| Aurelio Ramos , C.Tech. | Garry Shapera , C.E.T. | Murray Abbott , C.E.T. |
| Benhard Thiessen , C.Tech. | Garry Peterbaugh , C.E.T. | Niven DeGrow , C.E.T. |
| Bernie Kolesar , C.E.T. | Gary Kent , C.E.T. | Norman Giesbrecht , C.E.T. |
| Brent Daly , C.E.T. | George Graham , C.E.T. | Norman Meier , C.E.T. |
| Brian Bergen , C.E.T. | George Edenhoffer , C.E.T. | Peter Kobewka , C.E.T. |
| Bryan Foster , C.E.T. | George Sotiriadis , C.E.T. | Peter Arlukiewicz , C.E.T. |
| Carl Sitarz , C.E.T. | Gerry Keena , C.E.T. | Richard Craig , C.E.T. |
| Charles Weiner , C.E.T. | Gordon Kendall , C.E.T. | Rob McConnell , C.E.T. |
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| Clarence Morris , C.E.T. | Grant Steski , C.E.T. | Ronald McMorris , C.E.T. |
| Clifford Murphy , C.E.T. | Greg Barnlund , C.E.T. | Ronald Wilson , C.E.T. |
| Clifford Brown , C.E.T. | Greg Brady , C.E.T. | Scott Jackson , C.E.T. |
| Corie Hamilton , C.E.T. | Gregory Robinson , C.Tech. | T. Dwight Blix , C.E.T. |
| Dale De'Ath , C.E.T. | H. Allan Evans , C.E.T. | Ted Lukaszewicz , C.E.T. |
| Dan Robertson , C.E.T. | Harold Vokey , C.E.T. | Tony Chuback , C.E.T. |
| Dan Baker , C.E.T. | Harold Peterson , C.E.T. | William Pratt , C.Tech. |
| Darcy Yaskiw , C.E.T. | Hong Yea , C.E.T. | William Neufeld , C.E.T. |
| David Korbaylo , C.E.T. | J. Richard Phillips , C.E.T. | William Dowhopoluk , C.E.T. |
| David Johannson , C.E.T. | Janina Lapkowski , C.E.T. | William Lightly , C.E.T. |
| Dean Keating , C.E.T. | Jason McKenzie , C.Tech. | Wolfgang Rolke , C.E.T. |
| Denis Loiselle , C.E.T. | Jerry Galang , C.Tech. | Wolfe Smythe , C.E.T. |
| Dennis Friesen , C.E.T. | John Kubi , C.E.T. | |

Your membership matters

Having strong CTTAM Membership numbers gives us a strong voice when interacting with the Province of Manitoba.

If you are a retired CTTAM Member and have over 30 years of active membership, you are eligible for Retired Life Member status.

Just contact our office staff. We will gladly assist in changing your status to Retired Life Member.



Continue your learning journey

Education and training during uncertainty



Our association hasn't faced this level of disruption ever before in our history.

These are truly unprecedented times.

As always, we remain committed to providing positive outlets, such as the ability to continue to offer our members training. Even though this can't happen in person, we provide access to online learning resources, allowing you to continue to study and learn remotely during these times of physical distancing.

We continue to work on rolling out our Continuing Professional Development (CPD) program, with a launch date yet to be determined. In anticipation of the CPD program release, we continue to do our best to operate during this crisis.

New educational partnership

To aid in your online training and courses, we have partnered with BIS Training Solutions to provide additional learning opportunities.

An added bonus is our organization will also receive a portion of the Bistrainer course fees, which enables us to fund and offer even more courses to our members.

Courses and programs

Listed below are courses and programs that can be applied towards your CPD.

NEW - (Added April 1, 2020)

BIS Training Solutions courses

Click [here](#) to access the BIS Training Solution courses.

Please note: Once you select a course you need to login or first create an account.

City of Winnipeg Millennium Library

There are free on-line courses and tutorials available through the City of Winnipeg Millennium Library.

Please note: You will need an active City of Winnipeg library card to access the website.

Click [here](#) to access Lynda.com courses.

Lynda.com courses and tutorials

Lynda.com is a leading online learning company that helps anyone learn business, software, technology and creative skills to achieve personal and professional goals. With your Winnipeg Public Library card, you can access the hundreds of thousands of videos lynda.com offers. There is something for

everyone, with courses for the very beginner to professionals.

Some of the courses/tutorials available are:

- Revit
- Project Management
- AutoCAD

Keep in touch

Ensure you are receiving CTTAM updates, especially in these times of rapidly changing developments.

We regularly send out emails announcing events and professional development seminars. If you are not receiving these emails, contact us at: admin@cttam.com or call 204-784-1081.

We will gladly update your email address on your member profile and update contact information.

STAFF PROFILE

LAUREN GLUCK

Member Services Coordinator



Lauren Gluck joined CTTAM as the Member Services Coordinator on November 27, 2019.

Lauren's position was created when Anita Walcer, Administrative Assistant, left CTTAM in December 2019 to start a new life in Nova Scotia.

"I have learned lots of new things since starting here. They have made use of my knowledge and years of experience."

Lauren has worked for a number of years in customer service. We are very pleased to welcome her along with her strong work ethic to our administrative team.

Some of her responsibilities include handling membership inquiries, managing continuing professional development and our mentorship program.

She also provides expertise with her administrative support.

Welcome Lauren!



Lauren Gluck, new Member Services Coordinator.

How can I reduce my risk of infection from COVID-19?

Good hand hygiene provides significant protection from viral respiratory illnesses, such as COVID-19. You are encouraged to take common prevention measures, including regular handwashing with soap and warm water for at least 15 seconds. Make sure to dry your hands thoroughly. You can also use an alcohol-based hand cleanser if your hands are not visibly dirty. It is especially important to clean your hands:

- after coughing or sneezing
- when caring for a sick person
- before, during and after you prepare food
- before eating
- after toilet use
- when hands are visibly dirty

Avoid close contact (within two metres or six feet) with anyone showing symptoms of a respiratory illness, such as coughing or sneezing. Children and adolescents should avoid sharing food or drinks (e.g., sippy cups and water bottles), musical instruments or other things that have been in a person's mouth or hands.

Continue to take care of yourself and others.

COVID-19 NOVEL CORONAVIRUS

What does social (physical) distancing look like?

<div style="text-align: center; font-size: 2em;">✓</div> Safe to do	<div style="text-align: center; font-size: 2em;">!</div> Use Caution and Consider the Situation	<div style="text-align: center; font-size: 2em;">✗</div> Avoid
<ul style="list-style-type: none"> Spending time with household members (so long as they are not sick or have not returned to Manitoba in the past 14 days when they should be self-isolating) Outdoor physical activity (e.g., walking, running, biking, hiking) on your own or with your household members Gardening, yard work and general household maintenance Play in your yard Get groceries and other goods delivered Use technology to chat with family and friends Play games (e.g., board games, video games) at home Listen to music, read a book Cook a meal 	<ul style="list-style-type: none"> Visiting grocery stores (Where possible, shop for groceries once a week and have one household member do the shopping) Picking up medication Getting take-out 	<ul style="list-style-type: none"> Play dates Sleepovers Group gatherings, outings or events (e.g., birthday and dinner parties, celebrations, weddings, funerals, religious services, team sports) Visiting crowded stores or outdoor spaces Having visitors in your home Having non-essential workers in your home Driving with friends in a car Peak transit times

COVID-19 information courtesy of the Province of Manitoba.



Just the *facts*

about Engineers Canada-sponsored insurance plans

 Over **90,000** of your peers and their families enjoy these benefits. *You* can, too.

Here are more key facts about these valuable plans:

- + You have **exclusive access** to insurance plans created specifically for engineering professionals.
- + Engineers Canada and Manulife **continually assess the plan benefits and rates** to ensure they're highly competitive.
- + They're innovative, with recent enhancements like the **job loss waiver of premium** – the first of its kind in Canada.

Learn more about how these plans can benefit you.

 manulife.ca/cttam  **1 877 598-2273**

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