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ASTTBC.ORG
“The future belongs to those who believe in the beauty of their dreams.” Eleanor Roosevelt’s quote nicely captures the high energy and excitement from this year’s Annual General Meeting & Conference held on June 13, 2019. Sarah Campden was confirmed as our incoming president for the next two years. As referenced during the AGM, Sarah will be focussing on the following priorities:

1. Implementation of the Professional Governance Act and practice rights for registrants of ASTTBC;
2. Continuing with National Reconciliation of the technology regulatory bodies across Canada;
3. Remaining active with Technology Professionals Canada, striving for provincial portability of credentials;
4. Continuing with the implementation of the Strategic Priorities set out by Council for the future of ASTTBC.

Mrs. Roosevelt’s quote also encapsulates the results of the recent member survey about independant rights to practice (see page 10). Roughly seventeen per cent of members responded to this survey which was conducted by Social Research Demonstration Corporation, a highly regarded non-profit research organization. Members emphatically stated that they would like to obtain independant rights to practice. Further analysis conducted on subgroups suggested widespread agreement across respondents regardless of their designation, tenure, age and gender. Members also clearly stated that harmonization of titles is important and we also heard what they would like their new vision statement to say.

We thank you for your participation in these surveys and future events, as we need to hear from you. We wish our best for the remainder of summer and look forward to seeing and hearing from you as we head into a busy Autumn.

Respectfully yours,

Sarah Campden, CTech, RTMgr
ASTTBC President

Theresa McCurry, BSc, PMP
ASTTBC Chief Executive Officer
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Advancing Women in Engineering and Technology Project

We are actively recruiting Champions to assist us with project activities & events. To learn more, visit: womeninengtech.ca

ASTTBC, Engineers and Geoscientists BC, and ACEC-BC have partnered to implement strategies to support increased representation of women in engineering, geoscience, technologist and technician occupations.

A Sector Labour Market Partnership Initiative, Funding provided through the Canada-British Columbia Labour Market Development Agreement.

JULY - SEPTEMBER 2019

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Established in 1958, ASTTBC regulates standards of training and practice of technologists, technicians and technical specialists, to protect the interests of the public under the ASTT Act.
For more information, please visit ASTTBC.ORG
SPOTLIGHT:

HOW ASTTBC WAS STARTED: A VIEW FROM 60-YEAR MEMBER, ALAN CHEEK

By: Theresa McCurry, BSc, PMP, CEO, ASTTBC

Learning that we have a 60-year member was a surprise to many of us in the office, to Council and those who attended our June AGM. Oh, the stories he must have, many of us ruminated! I asked Alan to spend some time with me. In those initial conversations with Alan, what struck me the most was his humility and desire to recognize ‘the incalculable’ contributions of those many people who founded ASTTBC — some 60+ years ago. And yes, he absolutely has some incredible stories from working for the UK Government to finding underground factories in remote regions as well as how ASTTBC was started.

In 1956, there were murmurs about a new technical society for British Columbia. It started with Jim Thompson, George Little and Rod Smith initially meeting with the engineers to see about setting up an engineering technology group. Initial reception was cool, it took two more years combined with auspicious timing to form the Society of Architectural and Engineering Technologies of British Columbia (SAETBC).

The founding member of SAETBC, Jim Thompson was the main ‘driving force’, according to Alan. Jim’s membership number is 1. Jim, who worked with the Ministry of Transport, along with George Little of Balfour Beatty and Rod Smith of Indian Affairs made a motley crew who found themselves at the centre of a widely exciting time. On January 27, 1958 the local carpenter’s union the (International Carpenters Union Local 452) was once again allowed, by the parent union in the United States, the right to elect its own officers to the Provincial Council. Soon after this event occurred, a newspaper advertisement appeared inviting draftsmen to sign up for the local, as it was looking to expand its role in BC’s construction industry. By 1958, 53.9 per cent of all workers in BC were unionized.

A side note for the reader: during the 1950’s many foreign trained technologists and technicians came from the United Kingdom (UK). Tradespeople from the UK had experience with unions, in particular the Joiners of Great Britain. During the Second World War, governments became sensitized to the importance of workers, as war production made workers essential. An immigrant coming to Canada as a member of their local union ranked highly when assessed for admissibility by Immigration Canada. It was not uncommon for a technician/technologist to arrive in Canada as a tradesperson, this was well understood by the unions and presented an opportunity.

The recognition from the union was appealing, as it was the first time that an association had taken a keen interest in engineering technology professionals. There were also discussions with the engineers and the architects. With the upcoming deadline to join the union, it was decided that engineering technologists and technicians were, in fact, their own profession and warranted their own society. The Association of Professional Engineers and Geoscientists of the Province of British Columbia provided the technologists with a $2000 repayable loan in 1958, the paperwork and payment was filed, thus was born the Society of Architectural and Engineering Technologies of British Columbia. The first Council was comprised of mostly technologists and one technician.

continued on page 12

1. Reg Barnett, Joe Cave, Howard Hedley, George Little, Ken Loven, Jack Nellist, Sever Rondestvedt, Rod Smith, Jim Thompson
2. “BC is Canada’s capital of labour activism”; Richard Watts, Times Colonist, May 16 2018
SPOTLIGHT:

A MESSAGE FROM THE OFFICE OF THE SUPERINTENDENT OF PROFESSIONAL GOVERNANCE

I am pleased to have this opportunity to introduce myself and the Office of the Superintendent of Professional Governance to the Applied Science Technologists and Technicians of British Columbia (ASTTBC).

The Professional Governance Act (PGA) strengthens professional governance in British Columbia by establishing a consistent and modern framework, and by ensuring government oversight through the Office of the Superintendent of Professional Governance or OSPG. As Superintendent, it is my role to oversee all the regulatory bodies included under the PGA (currently 5) including ASTTBC, with a focus on oversight of systemic or general matters relating to the governance of professions. As a ‘regulatory body,’ ASTTBC will focus on serving and protecting the public interest with respect to the professional practices of science technologist and technicians in British Columbia.

My immediate goal is to get my office up and running so that we can make sure that the OSPG, ASTTBC, and the other regulatory bodies are ready when the professions are formally brought under the PGA.

At present, only certain sections of the PGA are operating or “in force”. These include the provisions that establish the office and give the Superintendent specific powers. This first phase has also resulted in changes in the nomination and election process for council members that you may have noticed.

While a specific date is not known, it is expected that applied science technologists and technicians, and other professionals (engineers & geoscientists, biologists, agrologists and foresters), will come under the full authority of the PGA sometime in fall 2020.

When that happens, the Applied Science Technologist and Technicians Act will no longer exist.

Some of the more complicated aspects of implementing the new Act may take longer. These include issues such as firm regulation, scope of practice and practice rights, and competency and conflict of interest declarations. These issues were discussed in a recent intentions paper published on the Professional Reliance Review web page - https://engage.gov.bc.ca/professionalreliance/, and more information on these topics is available there.

Since my appointment in early June I have had the pleasure of meeting with Theresa McCurry and many members of the ASTTBC staff in the Surrey office as well as hosting a meeting of the OSPG and all five regulatory bodies. I welcome the opportunity to work alongside the Council and staff of ASTTBC to enhance professional governance in British Columbia to ensure that this system surpasses expectations and becomes an example of excellence into the future. Change will be required of all of us, whether it is from an oversight perspective, a shift in culture and attitudes or in the day to day work and planning required to be ready to function within a new framework of governance.

Working together I am confident we will ensure that the expectations of the public, and their trust in professionals, is maintained and strengthened.

More information about the OSPG can be found on our website I also hope to have the opportunity to meet with you at upcoming ASTTBC events such as your Annual General Meeting and Conference. If you have questions – please do not hesitate to contact our office at OSPGEnquiries@gov.bc.ca.

Sincerely,
Paul Craven, Superintendent
Office of the Superintendent of Professional Governance
UBCO AND OKANAGAN COLLEGE TEAM UP FOR GREEN CONSTRUCTION CENTRE

UBC Okanagan and Okanagan College shook hands on a plan to create a hub for green innovation, pooling their research talent to create a Green Construction Research and Training Centre.

The construction centre will aim to provide new ways for students to research and create environmentally friendly building projects, using green materials to create infrastructure that is “safe, durable, energy-efficient and affordable.”

The joint initiative continues a trend of close collaboration between the two post-secondary schools on sustainable engineering.

Winner of the 2018 Researcher of the Year Award, Shahria Alam who is a professor in UBCO’s school of engineering, will serve as the first director of the new centre.

“We are already starting to develop shared capstone projects for our students and establishing a speaker series that focuses on green construction and smart energy use,” said Shahria Alam, whose research focuses on the use of smart materials in infrastructure.

Andrew Hay, Okanagan College's vice president of education, described the centre as an ideal meeting point between the two schools’ green research goals.

“This centre ties in extremely well with our institutional focus on sustainability,” he said.

In addition to students and faculty, the centre will bring together various municipalities, provincial bodies and construction associations. Infrastructure Canada will also be brought into the fold.

“Bringing together the expertise of our research faculty along with our colleagues from Okanagan College, we are confident that the Centre will have a long-lasting positive impact into the future.”


CPD OPPORTUNITY:
ICBA – Trenching and Excavation Safety
March 14 Kelowna
For more information, please click here.

TECHJOB:
Civil or Mechanical Engineering Technologist, 9dot Engineering Nelson, BC
For job details, please click here.

Member Networking Reception - Penticton
Penticton Lakeside Resort & Conference Centre
September 16 4:30pm - 6:30pm
REGISTER HERE
CLUSTER PROJECT ANNOUNCED TO SUPPORT BC’S CLEANTECH SECTOR

Foresight Cleantech Accelerator Centre has announced a new project designed to add momentum and support to the growing cleantech sector in the Province of British Columbia.

The Burnaby-based Accelerator announced that it is establishing a cleantech cluster strategy to showcase BC’s world-class cleantech economy to global industries and markets, through consolidating research, building stakeholder working groups, and developing a collaborative action plan.

“Foresight is delighted to work with Western Economic Diversification Canada and the BC government with the support of Vancity,” said Jeanette Jackson, CEO of Foresight. “One-third of all cleantech startups in Canada started in BC, putting the province in a strong leadership position to grow a profitable and sustainable clean economy. The potential impact of the cleantech sector is enormous. We have some exciting times ahead.”

The project will bring together key stakeholder groups including small and medium-sized enterprises (SMEs), associations, industry, investors and Federal and Provincial government to put in motion a sustainable model to help advance British Columbia’s thriving cleantech sector.

“Our government knows that Canada’s clean technology sector is strengthening our economy while improving our environment,” said the Honourable Navdeep Bains, Minister of Innovation, Science and Economic Development and Minister responsible for Western Economic Diversification Canada. “That’s why we’re investing $199,000 in the Foresight Cleantech Accelerator Centre so we can share Canadian innovation with global markets, while creating good-paying middle-class jobs across western Canada.”

“BC is a leader in Canada’s cleantech sector with over 270 companies working to solve real-world challenges while reducing environmental impacts,” said Bruce Ralston, Minister of Jobs, Trade and Technology. “Our government is pleased to be a part of this initiative that will help enhance BC’s competitiveness in the sector, bringing along with it economic advancement and the opportunity for a more sustainable future.”

The cluster project will include the creation of a cross-industry decision-making board to drive the mandate, workshops and roundtable discussions to identify regional priorities and funding considerations.

If you wish to get involved, please reach out to Catriona Power cpower@foresightcac.com for more information, and visit www.foresightcac.com/cluster

CPD OPPORTUNITY:
EGBC Presents Solar Energy
September 5
Vancouver
For more information, please click here.

TECHJOB:
Fire Technician
Coast Mountain Bus Company
Surrey
For job details, please click here.
PIPEDLINE CONSTRUCTION BEGAN WITHOUT ARCHAEOLOGICAL ASSESSMENTS: COASTAL GASLINK

The company behind a controversial natural gas pipeline in northern British Columbia says construction began in a number of places before archaeological assessments were complete.

Coastal GasLink says an internal audit found there were two areas along the right of way east of Kitimat where land was cleared before archaeological impact assessments occurred.

It says the assessments are conditions of the permits issued by the BC Oil and Gas Commission and the B.C. government’s Environmental Assessment Certificate.

Coastal GasLink says it has suspended all clearing activity in the area until an internal review is complete and actions are taken to prevent it from happening again. It says it has also notified affected Indigenous communities and welcomes their participation in post-impact assessments.

The Coastal GasLink pipeline inspired global protests when hereditary chiefs of the Wet’suwet’en First Nation said it had no authority without their consent.

The company says it had signed agreements with all 20 elected First Nations along the 670-kilometre route to LNG Canada’s export terminal on the coast in Kitimat, including the Wet’suwet’en council.

It says the land cleared in the affected areas measure 600-by-50-metres and 240-by-10-metres respectively and assessments of neighbouring lands had identified them as having low likelihood of archaeological significance.

Coastal GasLink president David Pfeiffer says he regrets the errors that led to the construction.

“I have directed the team to complete a thorough investigation of these incidents and have halted clearing work in the area until the investigation is complete and recommendations are put into practice,” Pfeiffer said in a statement.

Source: Canadian Press

CPD OPPORTUNITY:
ICBA Presents Microsoft Projects
August 29
Fort St. John
For more information, please click here.

TECHJOB:
Engineering Assistant,
Transportation/Engineering & Public Works
City of Prince George
For job details, please click here.

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NANAIMO-LADYSMITH MLA MALCOLMSON GIVEN FURTHER ENVIRONMENTAL RESPONSIBILITIES

Premier John Horgan named Malcolmson the new parliamentary secretary for environment on Friday, July 26. The role serves as support to the Minister of Environment and Climate Change Strategy.

Malcolmson commented that the appointment means more government focus on environmental issues.

“The more human resources we can bring to the problem, the more conversations we can have with British Columbians, the faster we can get solutions in front of the legislature when we come back to work in Victoria.”

The new job title compliments Malcolmson’s prior education and experience serving as special advisor on marine debris protection.

“When people abandon boats, there is an oil spill risk, a pollution backlog from all kinds of fiber glass pleasure craft choking up waterways. Ladysmith harbour was one of the most egregious examples.”

A priority highlighted by Premier Horgan during the announcement was the handling of marine-sourced plastic debris.

“Whether that’s whales or sea turtles being suffocated, or foam pollution washing up on beaches,” Malcolmson said.

“Even though that’s mainly a federal responsibility, there’s lots we can do as a provincial government.”

Malcolmson is one of eight parliamentary secretaries in the province, representing different portfolios.

List of parliamentary secretaries:
- Jennifer Rice, Parliamentary Secretary for Emergency Preparedness
- Sheila Malcolmson, Parliamentary Secretary for Environment
- Ravi Kahlon, Parliamentary Secretary for Forests, Lands, Natural Resource Operations and Rural Development
- Mitzi Dean, Parliamentary Secretary for Gender Equity
- Mable Elmore, Parliamentary Secretary for Poverty Reduction
- Anne Kang, Parliamentary Secretary for Seniors and Multiculturalism
- Rick Glumac, Parliamentary Secretary for Technology
- Bowinn Ma, Parliamentary Secretary for TransLink

Source: BC Gov News

CPD OPPORTUNITY:
VICA Presents Construction Estimating September 19 Nanaimo
For more information, please click here.

TECHJOB:
Structural Engineering – Jr Technologist
Herold Engineering Limited
Nanaimo or Victoria
For job details, please click here.

FIND THE RIGHT FIT
Your online job posting service and applicant screening service, bringing together certified engineering technologists and technicians and prospective employers in Canada.

www.cten.ca is a service of the Ontario Association of Certified Engineering Technicians and Technologists.
UPCOMING EVENTS

You're Invited
Join friends, colleagues and the ASTTBC community for a fun evening of entertainment, food, drinks and networking at the 2019 ASTTBC Schmoozapalooza!

NOVEMBER 7, 2019 • 5 PM
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Independent Rights to Practice Survey Sneak Peek!

Would you like to have independent rights to practice?

- Yes 83%
- No 4%
- Not Sure 13%

Is harmonization important to you?

- Yes 64%
- No 17%
- Not Sure 19%
## Applied Science Technologist (AScT)

- Donald Armstrong
- Adriane Goetsch
- David Lawrence
- Peter Chi Keung Lo
- Brett Gulliver
- Krista Morden
- Michael Cunningham
- Andreas Huebner
- Christopher Ross
- Wilfredo de Castro
- Matthew Imre
- Jordan Schmidt
- Ashraf Elhanafey
- Jigar Joshi
- James Smith
- Dean Farguson
- Mariusz Kaluski
- Harvey Vellieux
- Louie Foronda
- Michael Kruz
- Birgitta Glibbery
- Christopher McNie

## Certified Technician (CTech)

- Royce Bailey
- Jakub Kusenda
- Ronald Neff
- Marvin Bulatao
- Ming Lang Li
- Zainulabdin
- Shu-Hao Hsu
- Aatish Maharaj
- George Mutua Kiema
- Scott Mitges

## Professional Technologist (PTech)

- Andrew Albiston
- Eric Bennett
- Adam Wilson

## Technical Specialist

- Moustafa Abouelseoud
- Joanne Parry
- Graham Temke
- Karen Deverell Abramson
- Trevor Rothengatter
- Eng Cheong Teo
- Scott Bellesen
- Amitoj Singh
- Kelly Todd
- Adam Wilson
- Myles Braid
- Debbie Scheffer
- Angela Tojcic
- Cyril Chan
- Steven Scheffer
- Brett Torbet
- Michael Colbourne
- Hossein Shishehgar
- Michael Turner
- Erin Collins
- Patrick Smyth
- Cody Walker
- Edward Dalziel
- Nicholas Soares
- Jeremy Whalen
- Leonard Grayson
- Matthew Sprunt
- Brian Wilson
- Rodney Hubler
- Ashley St Denis
- Samantha Sweet
- Heidi Hunchak
- Richard Ozarowski
- Samantha Sweet
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- Sandman Hotel Group

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- Zipcar

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- Epic Education
- Fiore Training Group
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continued from page 4

Like today, volunteerism was core to building the society. SAETBC was managed by volunteers, many of whom were the wives of the founding and Council members. In fact, Jeanne Cheek, Alan’s wife, created and managed the membership database - a rolodex. In 1962 the first employee was hired, much to the relief of Council and the wives!

The first few years were about setting up Council, credentials and certification. There was a strong desire to ensure all members were in good standing. In 1962 the Council made a bold decision to suspend 100 members who would not pay their dues ($12 per year in quarterly payments). This decision was not taken lightly as it represented nearly 50 per cent of the membership.

Fast forward 60 years, Alan fondly reflects on the important growth of the organization including receiving its own legislation and becoming a regulator. In 1985 the BC Government appointed ASTTBC as the regulator of engineering technologists and technicians for BC and the Yukon. Alan said to me that without the support of the engineers and their recognition of this new profession of engineering technologists they would not have succeeded in those early days.

Alan still lives the values that he believes are so important to being a technology professional – he continues to support those people who need help, such as when he helped create the Japanese Garden on Mayne Island.

Final thoughts from Alan for our young professionals:
1) set goals just beyond your reach
2) volunteerism is important – just do it
3) build the profession, it is only as strong as its supporters and this is everyone’s job!

In July, ASTTBC held the final Internationally Trained Professionals (ITP) Forum meeting to say thank you to the committee. Over the past seven years the committee convened and offered direction while ASTTBC navigated an influx of interest regarding registering and integrating internationally trained professionals. Pictured (L to R:) Geoff Sale, AScT, (Past) Manager, ITP, ASTTBC, Edzel Escala, AScT, Arnold Quiddaoen, Suvarna Patil, AScT, Mariya Ivanytska, AScT, Svetlana Bell, AScT, Joel Dela Cruz, AScT, Jacqueline de Raadt, BA, Manager, Community Relations, ASTTBC & (inset) Carmen Simion, AScT
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