Reigniting ASTTBC Building Designers

ASTTBC is excited to announce that ASTTBC Building Designers held a members meeting, voting to discontinue the Building Designers Institute of BC (BDIBC) and rebrand themselves as ASTTBC Building Designers (ASTTBC-BD). Serving on the ASTTBC-BD Executive are the following registered ASTTBC members: Joe Rommel, AScT, CRD; Peter Jorgensen, AScT, CRD; Alan MacLeod, CTech, CRD; Pam Chilton, AScT, CRD; Michael Giroux, AScT, CRD; Ron McNeil, AScT; R. (Bob) S. Miller, CRD; Terry Giroux, RBD; John Larson, CRD; and Grant Montgomery, AScT, CRD.

ASTTBC members interested in getting involved are invited to send an email to Jacqueline de Raadt, Manager of Executive Initiatives, at jdraadt@asttbc.org or call 604.585.2788 ext 260.
CONTINUOUS IMPROVEMENT is something everyone should strive for to be successful in their career and practice. In 2015, when ASTTBC began implementing the Practice Assessment Review (PAR) policy, the goal was to improve member practice. The PAR policy describes how ASTTBC members are subject to an assessment of their competencies and practice to determine compliance with certification and registration standards as specified by the Board of Examiners or one of the many Technical Specialist Certification Boards.

To fully implement the PAR policy requires experienced practitioners to conduct the peer reviews in a positive, non-threatening way. The Program Managers for Certified House Inspectors (CHI) and for Registered Onsite Wastewater Practitioners (ROWP) led the way in recruiting respected practitioners and providing training sessions to prepare Quality Assurance Specialists (QAS) to conduct the PARs. As of January 2017, PARs were initiated on 70 ROWP and 5 CHI members. Approximately 60 percent of the PARs have been completed and the results are increasingly positive.

The process begins with a letter informing the member they have been selected for a PAR and requesting them to submit a short list of work they have done. ASTTBC staff identifies a QAS with expertise in the specialty under review. In cooperation with the member, the QAS selects examples typical of the work done by the member. The work is reviewed and a report describing the strengths and weaknesses is written and shared with the member. If the PAR report indicates weaknesses in some competencies the member is required to prepare a Professional Development Plan (CPD) explaining what they will do to improve competencies that are below standard.

A review of the CPD plans submitted to the Registrar shows a very positive and professional attitude by ASTTBC members. As one ROWP stated, “I would like to say that before this PAR I was quite confident in my ability to select, design and construct a properly functioning septic system for any of our clients. Still confident in our ability to do so, this PAR review with Jim Andersen, which was quite educational, revealed to me that I do have some areas where improvement is necessary. I am looking forward to enhancing my skills in this industry to better serve our clients. I am grateful to have been a participant in this PAR – it would have been advantageous earlier in my career.”

Positive Attitudes and a Professional Approach to Practice Assessment Reviews

In the News...

ASTTBC President Keith Trudell with Kathy Kinloch, President, BCIT

ASTTBC Welcomes Kathy Kinloch as Honorary Member

Each year, ASTTBC recognizes non-members who have demonstrated exceptionally meritorious service to the Association, their profession and the community. At the ASTTBC Technology Awards Recognition & Celebration on November 19th, 2016, Honorary Membership for Leadership in Technology was awarded to Kathy Kinloch, President of BCIT. Kathy is recognized for leading organizational renewal in complex environments. In a number of senior leadership and executive roles, she has led change initiatives in post-secondary education, as well as the government and health care sectors. In 2016, the YaWCA Metro Vancouver named Kathy a Woman of Distinction in the category of Public Service.

She was also recognized in 2015 by…

• BC Business as one of the 50 most influential women in British Columbia;
• By Vancouver Magazine on the top 50 Power list;
• And by WXX as one of Canada’s most powerful women: top 100 in the category of Public Sector Leaders.

In the News... cont’d on page 4

Industry Leaders for a Complex World

BCIT is pleased to announce that Dave Rutherford has been appointed Associate Dean, Natural Resources and Engineering within the School of Construction and the Environment. Dave has worked in the BCIT Geomatics department for 18 years, both as an instructor and Program Head. He has served as President, Vice-President and Board Member of the Applied Science Technologists and Technicians of British Columbia.
In 2014, we invited the UK’s Professional Standards Authority to review our organization, benchmark us against established national standards, and measure ourselves against established national standards. This objective feedback is a key part of our ongoing professional development.

Continuing Professional Development

In 2015, we began discussions with the two other nursing colleges. A true professional is one who is knowledgeable and skilled and who complies with a code of conduct which upholds the public interest ahead of his/her own. Thanks to the Act, and the efforts of Council through the enactment of the Code of Ethics, members of ASTTBC embody these attributes and are justifiably true professionals. The public is assured that members of ASTTBC are not in it for themselves. Their calling is to protect and advance the interests of society and they can safely be relied upon to do so. The Legislature expects no less.

Continuous Improvement

We also see value in adopting best practices, national and international standards, and measuring ourselves against established standards: in 2013, we received Bronze Accreditation from Excellence Canada, reflecting our commitment to organization excellence. We then, in 2014, invited the UK’s Professional Standards Authority to review our organization, benchmark us and help us identify areas we’re doing well, and where we can improve. This objective feedback is a key part of our ongoing discussions with even our state of self-regulation.

Looking to the Future

As we look to the future, we will continue to be leaders in regulation, adopting best practices, measuring how well we are doing, continuing to model inter-professional and collaborative behaviour, and examining ourselves as servants of the public.
The TD logo and other TD trademarks are the property of The Toronto-Dominion Bank.

The TD Insurance Meloche Monnex program is underwritten by TELENET INSURANCE COMPANY. It is distributed by TD Insurance (Canada) Inc. Our address: 10 Place de la Cité, Montréal (Québec) H2P 1B6.

Get preferred insurance rates today!
At TD Insurance we believe your efforts should be recognized. That’s why, as an Applied Science Technologists and Technicians of British Columbia member, you have access to the TD Insurance Meloche Monnex program, which offers you preferred insurance rates and highly personalized service, along with additional discounts.

Get a quote and find out how much you could save.

Some insurance program

Home insurance program

Home insurance program

The TD Insurance Meloche Monnex program is underwritten by SECURITY NATIONAL INSURANCE COMPANY. It is distributed by TD Insurance (Canada) Inc. Our address: 10 Place de la Cité, Montréal (Québec) H2P 1B6.

Due to provincial legislation, we are not able to provide insurance in all jurisdictions. Your insurance program is only offered in British Columbia, Alberta, and New Brunswick.

The TD logo and other TD trademarks are the property of The Toronto-Dominion Bank.

Get preferred group rates on your home and tenant insurance and save.

ASTTBC Connect

In the News… concil from page 2

ASTTBC Student Technologist Members Evan Prince (l) and Kyubin Han showcase their project at Camosun College.

Cannon College Electronic & Computer Engineering Students Capstone Project Showcase

The ASTTBC-sponsored event showcased a number of projects ranging from an Automated Gardener using a fogponic system to a smartphone application and remote tool to transform a manual thermostat controller for electric baseboard heaters into a remotely controlled, programmable thermostat.

One project in particular called the ‘P’-eye presented a prototype solution to assist with visual impairment issues. Utilizing image capture technology and an open source Computer Vision library, the ‘P’-eye, relays information back to the user in an audio format to improve the user’s interaction with their environment.

In the News… concil on page 11

This symbol highlights ASTTBC’s role in Professional Regulation

Keeping Government Informed

CONNNECT is the operative word here as ASTTBC strives to make sure elected officials at all levels of Government are aware of the important role of engineering and applied science technologists, technicians and technical specialists, and the professional regulatory role of ASTTBC.

Prime Minister Pays Tribute to BC’s Technology Professionals

The Prime Minister said, “ASTTBC has established a community of Technology Professionals dedicated to excellence in their field with a commitment to professionalism and sustainability. Members are integral in the maintenance and development of Canada’s infrastructure, which forms the backbone of our economy.” Mr. Trudeau talked about the importance of growing our knowledge base, “It is through the free exchange of ideas and diversity of experiences that this organization (ASTTBC) will continue to grow.”

Sam Sullivan, MLA, Met With ASTTBC CEO to Talk About ASTTBC’s Role in Engaging ‘DiversAbilities’

Sam Sullivan, MLA (Vancouver–False Creek) met ASTTBC CEO John Leech to talk about ASTTBC’s role in engaging people with DiversAbilities. “Sam has a solid understanding of ASTTBC role as a professional regulator and, in this capacity, as a lead organization promoting and supporting technology careers and those who wish to pursue a career in these fields,” said Leech. Sam Sullivan is an Honorary Member of ASTTBC.

MLA Darryl Plecas Drops in on ASTTBC to Talk ‘TechWORKS BC’

The concept of a Technology Workforce Resource Centre was the focus of a discussion between MLA Darryl Plecas (Abbotsford South) and ASTTBC CEO John Leech. “The concept being advanced by ASTTBC is a hub from which to provide services to specific groups that are under-represented in the workforce,” said Leech. “ASTTBC continues to expand the foundational services already offered for First Nations, women, newcomers with foreign credentials and youth. We also see engaging people with disabilities, single parents and others who might benefit from a career in engineering and applied science technology. The CEO is exploring a possible new ‘centre’ from which these services would be offered.” I am still at the starting gate on the idea; it will take time, more research and eventually, should we decide to proceed, a full business development plan to make sure the concept is fully viable. To date we have received very strong support for the concept.”

Sam Sullivan, MLA, Vancouver–False Creek (l), and ASTTBC CEO John Leech exchange thoughts on Technology Professionals’ contributions to BC.

Darryl Plecas, MLA, Abbotsford South (l), and ASTTBC CEO John Leech exchange thoughts on Technology Professionals’ contributions to BC.
ASTTBC ANNUAL REPORT FOR 2016

V I S I O N
ASTTBC is the model association for technology professionals.

M I S S I O N
To serve the public by regulating and supporting technology professionals’ commitment to a safe, healthy and sustainable society and environment.

Message from the President & Chief Executive Officer

2016

SAW ASTTBC MAKE PROGRESS in professional recognition by launching Professional Technologists (PTech) within the current ASTT Act and Regulations. The ASTTBC Council certified the ASCT Technologists who would be appointed to the PTech Certification Board and launched the Board that went on to accept applications and certify a number of PTechs. Due to expressions of concern about the BC model from the Alberta engineer and technologist professional associations, ASTTBC Council decided to ‘pause’ the certification of PTechs until ASTTBC resolved the certification differences to the best of its ability. That work continues.

ASTTBC also continued to pursue Qualified Professional recognition in several areas. The ASTTBC website lists all Qualified Professional recognition. ASTTBC continued work on practice guides to frame the scope of practice usual to ASTTBC member competencies. This initiative changed course a bit as the ASTTBC – APEGBC Joint Board met only once in 2016 with little progress in convening other meetings.

ASTTBC continued to enhance professional accountability with initial work on risk management cases and framing of a new website. Practice Assessment Reviews focused on House and Property Inspection, and Onsite Wastewater, the establishment of competency-based certification standards for technical specialist programs and the development of an exam management system. The CPD reporting website was updated, a new point system was applied and the number of postings of CPD offerings was increased by 12.5% to 973 postings.

brought the completion of a labour market study in partnership with APEGBC and ACEC-BC. Phase Two of the study implemented engagement with employers and a separate project collecting information around hiring practices for people with DiversAbilities in the engineering and technology sectors.

saw ASTTBC continue the effort to assist Internationally Trained Technology Professionals (ITTP) by developing competencies and an e-Portfolio option for ASCT, CTech and Technical Specialists applicants with little or no Canadian work experience. This included a Fire Protection Language Training Program to engage 60 ITTPs to be work-ready and prepared to write the fire protection technician exam.

saw ASTTBC launch the new Underground Utilities Locators (UUL) Technical Specialist program. Appointment of the UUL Certification Board is complete and registrations are being accepted. The Public Works Technician pilot program is being delivered in Mackenzie with keen interest and support from the Federal Government.

saw ASTTBC continue to work in partnership with Technology Professionals Canada (TPC) and Technology Accreditation Canada (TAC). ASTTBC participated in a national study on professional certification and registration. TAC adopted the Canadian Technology Accreditation Criteria, supported by ASTTBC. This activity prompted a further study of new and emerging technologies to be considered for certification and registration.

saw ASTTBC continue to proudly promote and advocate the contribution ASTTBC members make, each and every day. In 2016, the BC Legislature announced the first Technology Skills Appreciation Week to recognize the valuable skill set that the technical workforce supplies to the Province of British Columbia. ASTTBC signed a partnership agreement with Science World to deliver a STEM program tied to Canada 150. Member services and employer engagement were enhanced with a new website for TechJOBS, Social media use increased with 12% increase in member engagement on LinkedIn. 26% on Facebook and continuing growth in member engagement on Twitter. ASTTBC led and many initiatives to showcase STEM and the work our members do on a daily basis that enhances the quality of life in BC.

ASTTBC appreciates the responsibility of the members to serve the public by a commitment to a safe, healthy and sustainable society and environment.

On behalf of the ASTTBC Council and staff, we thank all members, partners, governments, volunteers and regulatory bodies for your support and assistance as ASTTBC continues to serve provincially and nationally, as the 9th largest professional regulatory body in BC.

Keith Trulson, AScT, EngL
President

John Leech, AScT, CAE
Chief Executive Officer

Executive & Council 2016 – 2017

O F F I C E R S

President
Keith Trulson, AScT, EngL

Vice President
Trent Reid, CTech

Secretary Treasurer
Sarah Campbell, CTech, RTMgr

Past President
Dave Rutherford, AScT, BCLS, CLS

C O U N C I L  D I R E C T O R S

Heather Robertson, AScT
Ted Blackstock, AScT
Rachel Butler, AScT
Jeff Collins, AScT
Russell Dobie, AScT, PMP
Edred Escala, AScT
Kai Hui, AScT
Craig Spears, AScT, MBA
David Sparanese, AScT, CPW1

P U B L I C  R E P R E S E N T A T I V E S

Rob Campbell, PEng
Brian Carr, PhD
James Coble, MA

Promoting the ASTTBC Brand

ASTTBC marketing and communications reflect our Brand Promise:
ASTTBC TECHNOLOGY PROFESSIONALS…
Qualifed. Registered. In Demand.

ASTTBC advertisements, sponsorships, print and electronic publications, media releases and our website are designed to inform and engage a wide range of audiences… the public; members and potential members; employers, employer associations and unions; professional associations and regulatory bodies; technical, trade and business associations; and science and technology councils and educators.

www.ASTTBC.org

www.linkedin.com/company/asttbc

www.twitter.com/ASTTBC

www.facebook.com/ASTTBC

www.instagram.com/ASTTBC

www.youtube.com/ASTTBC

Find Out WHAT’S NEW

Here is a quick and easy way to keep tabs on recent developments within your professional association and important career information… visit WHAT’S NEW in the Communications & Services section of the ASTTBC website!

www.asttbc.org/services/whatsnew.php

Moved? New Email Address?
STAY CONNECTED to important career-related news and ASTTBC events. If you move, change your email or take a new job, remember to log into the ASTTBC website to update your information!

www.ASTTBC.org

Keith Trulson, AScT, EngL
President

John Leech, AScT, CAE
Chief Executive Officer
ASTTBC ANNUAL REPORT for 2016

Highlights of ASTTBC Accomplishments in 2016

Coming January 1st to December 31st. For more details, visit www.ASTTBC.org

Goal #1 – Professional Legislation & Regulation

Underground Utility Locators

The Underground Utility Locator program was launched in 2016 and accepted applications. Promotional efforts are evolving, with the expectation that enhanced awareness will result in application growth.

House Inspection Licensing – Consumer Protection BC (CPBC)

Effective September 1, 2016, there was a much greater role for Consumer Protection BC and a lesser role for ASTTBC and other associations. Membership and registration with ASTTBC is no longer required to secure licensing through CPBC, however, ASTTBC continued as an active participant in the overall process. Ongoing membership with ASTTBC will change somewhat as inspectors seek licensing and as they access services such as Errors & Omissions Insurance. The Provincial Government working group continues to tackle big issues such as the scope and standards of practice/inspection. ASTTBC also continued to invest heavily as a legislated professional regulating body in BC responsible for certifying House and Property Inspectors.

Goal #2 – Rights to Practice

ASTTBC – APECBC Joint Board

The Joint Board convened one meeting in 2016, largely to hear from the Presidents of APECBC and ASTTBC following their joint meeting with Minister Andrew Wilkinson, the Minister Responsible for the APECBC and ASTTBC. ASTTBC is tracking an APECBC pilot project to consider Engl. applications for PEng registration.

Goal #3 – Professional Standards & Regulation

Implementing recent policy changes has resulted in the appointment of Ron Hein as the Chief Compliance Officer and the planned creation of networks of Quality Assurance Specialists (QAS). The multiple roles of the QAS include field training, field assessment and conducting Practice Assessment Reviews (PAR). The QAS may also be requested to participate in complaint investigations. Administrative processes have been developed and implemented as of December 2016.

Goal #4 – Professional Recognition

ASTTBC staff began development of an Employer Liaison Program to more fully engage employers. Services such as TechJOBS is being updated and upgraded, a new EmployerPRO program will be launched in 2017, and strategies to approach and secure added support of employers for ASTTBC certification is nearing completion.


ASTTBC’s marketing and communications plan continued to promote professional regulation and membership through media advertising, event sponsorship, community outreach, stakeholder relations and government liaison.

Above: Minister Shirley Bond was ‘hands on’ with children who were in attendance at the official launch of Technology Skills Appreciation Work in March 2016.

Right: Surrey MLAs, Hon. Stephanie Cadieux (front) and Marvin Hunt (back), celebrated the proclamation of Technology Skills Appreciation Week last March, along with ASTTBC CEO John Loech (right) and City of Surrey staff and guests.

For more info about the Association’s Group Plans and Services… www.ASTTBC.org

AS TT B C GRO U P P L A N S & Services... adding value to your registration!

AS TT B C Technologies

Practice Review Board

Protects Standards

Investigation and discipline summary as of Dec 31st 2016

COMPLAINT OUTCOMES 2016 2015 2014 2013

Ethics Complaint – censure applied 23 23 23 23

Ethics Complaint – no breach found 21 21 21 21

Ethics Complaint – stipulated order applied 20 11 8 8

Onsite Wastewater ethics or other 14 17 14 14

Onsite Wastewater title, logo 1 1 1 1

Property Inspection ethics or other 13 17 14 14

Property Inspection title, logo -1 -1 -1 -1

Fire Protection ethics or other 20 20 20 20

Fire Protection title, logo 1 1 1 1

Technical Specialist Complaints 18 17 17 17

Ethics, logo, procedural, etc. -5 -5 -5 -5

Technologist & Technician Complaints 18 17 17 17

Electrical W ork Practitioner (EW P) 1 1 1 1

ASTTBC Group Plans & Services... adding value to your registration!

For more info about the Association’s Group Plans and Services… www.ASTTBC.org

As of December 2016, there was a much greater role for Consumer Protection BC and a lesser role for ASTTBC and other associations. Membership and registration with ASTTBC is no longer required to secure licensing through CPBC, however, ASTTBC continued as an active participant in the overall process. Ongoing membership with ASTTBC will change somewhat as inspectors seek licensing and as they access services such as Errors & Omissions Insurance. The Provincial Government working group continues to tackle big issues such as the scope and standards of practice/inspection. ASTTBC also continued to invest heavily as a legislated professional regulating body in BC responsible for certifying House and Property Inspectors.

Goal #2 – Rights to Practice

ASTTBC – APECBC Joint Board

The Joint Board convened one meeting in 2016, largely to hear from the Presidents of APECBC and ASTTBC following their joint meeting with Minister Andrew Wilkinson, the Minister Responsible for the APECBC and ASTTBC. ASTTBC is tracking an APECBC pilot project to consider Engl. applications for PEng registration.

Goal #3 – Professional Standards & Regulation

Implementing recent policy changes has resulted in the appointment of Ron Hein as the Chief Compliance Officer and the planned creation of networks of Quality Assurance Specialists (QAS). The multiple roles of the QAS include field training, field assessment and conducting Practice Assessment Reviews (PAR). The QAS may also be requested to participate in complaint investigations. Administrative processes have been developed and implemented as of December 2016.

Goal #4 – Professional Recognition

ASTTBC staff began development of an Employer Liaison Program to more fully engage employers. Services such as TechJOBS is being updated and upgraded, a new EmployerPRO program will be launched in 2017, and strategies to approach and secure added support of employers for ASTTBC certification is nearing completion.


ASTTBC’s marketing and communications plan continued to promote professional regulation and membership through media advertising, event sponsorship, community outreach, stakeholder relations and government liaison.

Above: Minister Shirley Bond was ‘hands on’ with children who were in attendance at the official launch of Technology Skills Appreciation Work in March 2016.

Right: Surrey MLAs, Hon. Stephanie Cadieux (front) and Marvin Hunt (back), celebrated the proclamation of Technology Skills Appreciation Week last March, along with ASTTBC CEO John Loech (right) and City of Surrey staff and guests.
Goal #5 – Member Services
Targeted member communication and engagement was a focus of 2016.
A new format for the ASTTBC eNews was launched and the response has been positive with increasing open and click-through rates. In 2016, the social media presence grew by 18% overall, demonstrating that ASTTBC is creating a reputation as a credible source of industry information.
ASTTBC continued to work with various organizations to provide quality continuing CPD courses, workshops and conferences to our membership at preferred rates.
A new stand-alone website for the TechJOBS job search service was completed and is in its final stages. The website will ‘go live’ in 2017 and enhance services for employers including new job indexing capabilities and featuring employer profiles.
ASTTBC’s Member Benefits Program, TechCLUB, continued to generate value-added products and services for the membership.

Goal #6 – Technology Careers & Education
ASTTBC planned participation in Canada 150 and partnered with Science World BC to deliver a two-pronged community outreach and schools STEM education initiative across the Province.
ASTTBC produced a video highlighting female member technologists in time for a special WeForShe conference in October. This video will continue to be utilized in ASTTBC’s marketing efforts to promote career opportunities for women in technology.
ASTTBC celebrated National Engineering & Geoscience in March and Technology Skills Appreciation Week March 13th – 17th, both providing an opportunity to share the contribution that the technology workforce makes to the people of British Columbia. ASTTBC participated with contests, event sponsorships, member engagement and community outreach. In 2016, ASTTBC also embarked on three government-funded programs to address the technology skills gap and under-represented potential employee groups: DiverseAbilities Labour Market Partnership – Creating Access to Tech Jobs for People With DiversAbilities, Village Public Works Technicians – Project-Based Labour Market Training and the Fire Protection Technician Program.

ASTTBC ANNUAL REPORT FOR 2016

Above: ASTTBC Mentor Program Manager Geoff Sale, AScT (l), received an IEC-BC Leadership Award from Kelly Pullah, CEO, IEC-BC.
Top left: One of many photos submitted by ASTTBC members at work during National Engineering & Geoscience Month in March.
Bottom left: (l to r) Advanced Education Minister Andrew Wilkinson, Indigenous Adult and Higher Learning Association Chair Verna Billy-Minnabarriet, and First Nations Education Steering Committee President Tyrone McNeil signed protocol agreement with respect to First Nations Education in BC.

For more info:
Applied Science Technologists & Technicians of British Columbia
10767 – 148th Street, Surrey, BC V3R 0S4
1-604-585-2700 / 1-604-585-2790
techinfo@asttbc.org

www.ASTTBC.org
Employers… CALL for ASTTBC registration in your career ads as a prerequisite for prospective team members.

ASTTBC full page ad promoting Technology Professionals as placed in The Right Course, a business in Vancouver publication.

A new stand-alone website for the TechJOBS job search service was completed and is in its final stages. The website will ‘go live’ in 2017 and enhance services for employers including new job indexing capabilities and featuring employer profiles.

A new format for the ASTTBC eNews was launched and the response has been positive with increasing open and click-through rates. In 2016, the social media presence grew by 18% overall, demonstrating that ASTTBC is creating a reputation as a credible source of industry information.

ASTTBC continued to work with various organizations to provide quality continuing CPD courses, workshops and conferences to our membership at preferred rates.

A new stand-alone website for the TechJOBS job search service was completed and is in its final stages. The website will ‘go live’ in 2017 and enhance services for employers including new job indexing capabilities and featuring employer profiles.

ASTTBC’s Member Benefits Program, TechCLUB, continued to generate value-added products and services for the membership.

Goal #6 – Technology Careers & Education
ASTTBC planned participation in Canada 150 and partnered with Science World BC to deliver a two-pronged community outreach and schools STEM education initiative across the Province.

ASTTBC produced a video highlighting female member technologists in time for a special WeForShe conference in October. This video will continue to be utilized in ASTTBC’s marketing efforts to promote career opportunities for women in technology.

ASTTBC celebrated National Engineering & Geoscience in March and Technology Skills Appreciation Week March 13th – 17th, both providing an opportunity to share the contribution that the technology workforce makes to the people of British Columbia. ASTTBC participated with contests, event sponsorships, member engagement and community outreach. In 2016, ASTTBC also embarked on three government-funded programs to address the technology skills gap and under-represented potential employee groups: DiverseAbilities Labour Market Partnership – Creating Access to Tech Jobs for People With DiversAbilities, Village Public Works Technicians – Project-Based Labour Market Training and the Fire Protection Technician Program.
AS T TBC ANNUAL REPORT F OR 2016

Goal #7 – Public Policy
In 2016, ASTTBC actively engaged with many key stakeholders and government officials in service to technology professionals and the public interest.

ASTTBC participated in a LMP led by the BC Technology Association (BCTA) and the Vancouver Economic Commission (VEC). This Technology Sector Labour Market Partnership project will help the government and project partners gain a better understanding of the current and future labour needs in this fast-growing sector.

ASTTBC is also continuing to follow up on a meeting with Coastal Oakes, Minister of Small Business and Red Tape Reduction. ASTTBC canvassed members for feedback on cutting red tape and making enterprise more effective. Information gathered is being prepared for presentation to the Ministry.

The Technology Education & Careers Council (TECC) has prepared a report on its first 10 years, to be published in 2017.

The First Nations Technology Council (FNCC) have moved forward with a number of activities including; career fairs, bursaries, and joint opportunities with other stakeholders. BC Women in Technology (BCWIT) continued to work diligently in promoting women in technology and creating opportunities for women in technology to connect.

ASTTBC met directly and informally with many of the BC MLAs and several Cabinet Ministers.

Cabinet Ministers included:
• Bill Bennett
• Mike Bernier
• Bond
• Stephanie Cadieux
• Terry Lake
• Noel Leinick
• Mike Morris
• Coralie Oakes
• Linda Reid (Speaker)
• John Rustad
• Michelle Stilwell
• Steve Thomson
• Anik Vírk
• Andrew Wilkinson
• Naomi Yamamoto

MLAs included:
• Harry Bains
• Raj Chouhan
• Kathy Gagan
• Marc Dalton
• Adrian Dix
• Rob Fleming
• Simon Gibson
• Sue Hammell
• George Heyman
• Marvin Hunt
• Carole James
• Leonard Krog
• Greg Kyllo
• Richar Lee
• Dr. Darryl Plecas
• Bruce Raitson
• Linda Reimer
• Shane Simpson
• Jordan Sturdy
• Sam Sullivan
• John Horgan
• Jackie Tegart
• Jane Thornthwaite
• Linda Thompson
• John Yap

2016 Revenue & Expenses
ASTTBC CONTINUED TO MEET its obligations under the ASTT Act and provided an increasing variety of valuable services to the public and members. This was accomplished with a modest deficit of $19,722 which, when combined with expenses of $41,858 from funds set aside as ‘Reserves’, netted an overall surplus of $61,580. The Financial Statements will be posted to the ASTTBC website before the AGM and will fully outline the Reserve Accounts from which funds are drawn as needed to address specific initiatives. The Association remains in a healthy financial position.

Full audited statements are available at www.ASTTBC.org

Revenue
2016 2015
Membership Dues $ 2,562,840 $ 2,498,743
Registration Fees 198,753 223,990
Professional Affairs 624,152 773,551
Education & Seminars 795
Publications & Member Services 92,232 82,279
Institutes 6,497 15,368
Interest 37,044 26,835
Total Revenue $ 3,521,518 $ 3,613,526

Expenses
2016 2015
Administration & Interest $ 175,578 $ 167,463
Wages & Benefits 2,160,559 2,021,097
Office & Equipment (includes amortization) 233,265 238,051
Bad Debts 60,660
Goverance 179,186 187,660
Professional Affairs & Practice 894,856 516,596
National Association Dues & Expenses 72,879 84,583
Public Affairs & Recruitment 112,772 104,675
Education & Training 52,028 53,361
Publications & Member Services 73,831 77,529
Institutes 6,526 8,655
Total Expenses $ 3,541,240 $ 3,501,589

Excess (Deficiency) of Revenue over Expenses $ (19,722) $ 111,937

Foundation Financial Highlights
The ASTTBC FOUNDATION is the charitable foundation of ASTTBC. Tax deductible donations from ASTTBC members and others allow the Foundation to provide student bursaries, and to support science and technology events.

2016 2015
Total $ 60,475 $ 58,400
Chattable Activities $ 66,000 $ 47,000
Expenses & Fund Raising Costs 3,109 2,878
Excess Revenue $ 11,566 $ 8,522
Net Assets $ 653,112 $ 624,661

Contributions to ASTTBC Foundation Fund $ 17,085 $ 20,518

Registration Demographics
10,601 Registrants as of Dec 31st 2016

Technologies & Technologies
Including AScT, CTech, Assistant, Graduate and Student Members

Discipline VHL %
Biological Sciences 316 3.7
Biomedical Engineering 102 1.2
Building 933 11.0
Chemical 149 1.8
Civil 2,622 31.8
Electrical 807 9.5
Electronics 1,099 13.5
Environmental 244 2.9
Forest Engineering 14 0.2
Gas & Petroleum 97 1.1
Geomatics (Survey) 129 1.5
Industrial 73 0.9
Information 73 0.9
Instrumentation 37 0.4
Marine Engineering 4 0.0
Mechanical 1,385 16.4
Metallurgical 39 0.5
Mineral Resources (Mining) 129 1.5
Total 8,452 100%

Specialized Certification VHL %
Building Design 69 3.2
Construction Safety 583 17.8
Fire Protection 877 40.8
House & Property Inspection 159 7.4
Osteopathic Wonderful 523 24.3
Public Works Inspection 96 4.5
Site Improvements Survey 22 1.0
Steel Detailing 17 0.8
Underground Utility Location 21 0.5
Total 2,149 100%

Are You Online?
If you have not yet posted YOUR career story on techPRO! please do it today!
www.techPROfile.com

TECC members with Opposition MLAs (l to r): Sid Sidiq, Plng, Chair, TECC and General Manager & Partner; M M M Group LTD; Kathy Corrigan, MLA (Burnaby – Deer Lake), Supervisor for Advanced Education; Steve Cordwell, Director, Executive Educational Leadership, UBC; Rob Fleming, MLA (Victoria – Swan Lake); Spokesperson for Education; Carole James, MLA (Victoria – Beacon Hill), Spokesperson for Finance; MJ Whitc Ton, Senior Consultant, Whitc Ton Enterprises Inc.; Roslyn Kanou, Principal, Roslyn Kanou and Associates Inc.; Shawn Simpson, MLA (Vancouver – Mintoing); Spokesperson for Economic Development, Jobs, Labour and Skills; George Heyman, MLA (Vancouver – Fairview), Spokesperson for Green Economy, Technology, Film/TV and Translink; and John Leech, ASTTBC CEO.

AS T TBC F OUNDATION
SUPPORTING TECHNOLOGY PROFESSIONALS OF TODAY AND TOMORROW

The ASTTBC F OUNDATION is the charitable foundation of ASTTBC. Tax deductible donations from ASTTBC members and others allow the Foundation to provide student bursaries, and to support science and technology events.

The ASTTBC F OUNDATION is the charitable foundation of ASTTBC. Tax deductible donations from ASTTBC members and others allow the Foundation to provide student bursaries, and to support science and technology events.

2016 Annual General Meeting & Conference (AGM) and the 2016 Technology Awards & Recognition Celebration (TARC) were well attended, with 200 participants at the AGM and 350 at TARC. Both events were supported by generous partners and sponsors.

In 2016, the ASTTBC Foundation provided $27,000 in bursaries and awards to technology students across the province. The Board confirmed Dan Munroe, ASTC, CW IT, as the new Chair of the Foundation Board and explored a vision for future fundraising.

As of December 31st, 2016, ASTTBC membership stood at 10,601, including 8,452 technologists and technicians in all disciplines and 2,149 registrants in the Technical Specialists groups. The Board of Examiners approved 1,023 applications for AScT and CTech of which 804 were for student membership.
ASTTBC's Technology Awards & Recognition Celebration recognizes individuals and organizations who make outstanding contributions to the tech community and the Association.

Technology Awards & Recognition Celebration

Industry Leaders Gather to Celebrate Achievements

ASTTBC hosted more than 325 industry professionals on Saturday, November 19 at the 28th Technology Awards & Recognition Celebration (TARC). The annual gala is ASTTBC’s opportunity to recognize BC’s Technology Professionals who have demonstrated outstanding achievements, and to say thank you to the many volunteers and partners who have contributed to the growth and development of the Association.

BC Premier Christy Clark, and Minister of Advanced Education and Minister Responsible for the ASTTBC Act, the Honourable Andrew Wilkinson, opened the event with video greetings. The greetings highlighted the importance of our thriving, innovative technology sector and the key role ASTTBC will play in developing the talent pool for the 1 million job openings by 2025.

Joyce Murray, Member of Parliament for Vancouver Quadra, and Parliamentary Secretary to the President of the Treasury Board, brought greetings from Parliament Hill and presented ASTTBC with a letter of greeting from Prime Minister Justin Trudeau.

One of the highlights of the evening was the Canada 150 Science World BC partnership announcement. This initiative committed to deliver hands-on STEM educational resources and community outreach activities across the province. ASTTBC and the ASTTBC Foundation, together, donated $20,000 to Science World BC. This donation was matched by Science World, for a total of $40,000 in funding.

The ASTTBC Foundation Silent Auction raised over $10,000 to provide bursaries and awards for technology students, and support science and technology education and awareness in BC. Thanks to all the donors and bidders who made this year’s Silent Auction such a great fundraiser. The ASTTBC Foundation is helping the youth of today become the techs of tomorrow!

Congratulations to TARC 2016 Award Recipients

These Technology Professionals and their organizations have contributed to the growth and development of our economy, our environment and our communities.

Honorary Membership for Leadership in Technology
• Kathy Kinloch, President, British Columbia Institute of Technology

Advanced Technology Award
• Philip Rankine, AScT, CTO and Co-Founder of ECOfIT Networks Inc.

Employer Award for the Enhancement of Career Success of Technology Professionals
• Harry Watson, C Tech, President, CCMET Group
• Kevin Jones, PEng, President, Primary Engineering and Construction Corporation

Professional Achievement Award
• Mike Bartlest, AScT, President, Cascadia Windows Ltd.
• Brian Readon, AScT, Chief Administrative Officer, Regional District of Central Okanagan

TechGREEN Award
• Mazza Innovation, presented to Dr. Joe Mazza, Founder, and Ben Lightburn, President

R. Littledale Memorial Award
• Kenneth Lee, AScT, Senior Traffic Technologist, City of Surrey

Life Membership
• Martin MacGregor, AScT, CPI

Thanks to our TARC 2016 Event Partners & Sponsors...

Your Support is appreciated!
MANDATORY REPORTING of Continuing Professional Development (CPD) was introduced in January 2015. ASTTBC members are required to achieve an average of 20 points per year over any 5-year period. In January 2017, changes in the point-scoring schedule were introduced to improve clarity and reduce confusion experienced with the previous schedule. The new point system consists of 6 categories or types of activity for which you may earn CPD points. Employed or self-employed members continue to earn 1 point per month. Four categories require 10 hours of activity to equal 1 CPD point. Attending ASTTBC Annual General Meeting (AGM), a CPD event in May and the Technology Awards & Recognition Celebration (TARC) in November continue to equal 1 CPD point per event. ■

For more information on the CPD point system and to record your CPD activity, please go to the ASTTBC website... www.ASTTBC.org ...and click on the CPD tab.

---

Jeffrey Collins, AScT

JEFFREY COLLINS is an Applied Science Technologist (AsCT) under the Industrial Discipline and currently working for Secure-Rite Mobile Container Modification as a Project Manager & Estimator.

Since graduating from college Jeff has assumed roles in QC, Engineering Design and Project Management. The businesses he has supported have included large and small manufacturers, and a Chinese/Canadian company whom he worked for overseas. Communications and managing the technical details of manufacturing projects is his specialty.

Jeffrey was the first graduate of a Woodworking Manufacturing Technology program in Canada to achieve Certified Engineering Technologist certification, the Manitoba equivalent of AScT. His career highlights include: designing a ready-to-assemble furniture collection which was on sale and display at every Canadian Home Depot, creating wiring designs that have been installed in transit buses that can be found in nearly every major city in North America, and working closely with factory ownership, management and production staff on high-dollar-value metal fabrication projects in Guangzhou and Jiangdu, China.

Jeffrey has been a Director on the ASTTBC Council since 2015. He is actively involved with the Okanagan Section of the Alpine Club of Canada, as an organizer of family-friendly events, and volunteers in different capacities for the Canadian Mental Health Association.

Why did Jeffrey become a Technology Professional?

“The road towards becoming a technology professional began early in my life. In the late 70s and early 80s video games, personal computers and electronic toys had become a common part of the lives of children and I embraced the technologies with great curiosity. This began a lifelong interest in technology.” ■

---

Technology Professionals contribute to the BC infrastructure in many ways.

Engineering Team Celebrates National Engineering & Geoscience Month (NEGM)

MARCH WAS AN EXCITING MONTH for all members of the Engineering Team. NEGM is an annual celebration of engineering and geoscience across Canada. ASTTBC technologists, technicians and technical specialists are a vital part of BC’s engineering teams. Each year, ASTTBC and our members join our engineering partners across the province to showcase the application of engineering technology and its invaluable contribution to BC’s economy.

This month-long event promoted awareness of the engineering, geoscience and technology professions, highlighted career choices in these fields, and reminded the public of the many ways in which engineering and geoscience touch everyday life. ASTTBC celebrated NEGM by actively engaging in a wide variety of activities such as: the Spaghetti Bridge Contest at Okanagan College and the Science Outreach Workshop being held at Science World. ASTTBC and APEGBC also partnered to host the annual drawing contest to encourage kids to consider how engineering and geoscience is used in their everyday lives. The drawing contest encourages children to think creatively about science and science-based jobs. ■

---

LEAD. SHAPE. INNOVATE.

TECHNOLOGY MANAGEMENT FOR A COMPLEX WORLD.

Advance into leadership and help shape the future with BCIT’s Technology Management program. Designed for technical professionals working in applied science, technology or trades, this program will expand your career possibilities with business acumen and management training. Visit bcit.ca/techmgmt to transform your career today.
More than 45% of respondents indicated they were employers that our insurers have in ASTTBC certifications. RURLT Specialist group with over 800 members. Unfortunately, the RFPTs have also become the technical specialist group with many complaints filed. The complaints have focused on Code of Ethics violations related to competency and practice issues. To address this, ASTTBC is working on updating FP policies and guidelines, making very clear that best practices are easy to understand and being applied. Beyond this, ASTTBC has developed an audit program called the Practice Assessment Review (PAR) process which applies to all ASTTBC members. The process has already been initiated with several other Technical Specialist programs and due to the large number of complaints, RFPTs are the next focus.

Mouse & Property Inspection

The BC Government continues developing and implementing new regulations for licensing house inspectors. The new model puts responsibility for all aspects of licensing in the hands of Consumer Protection BC (CPBC). The Order in Council for the new licensing regulation was signed in March 2016 and the main provisions related to takeover by CPBC of responsibilities for evaluating licensees took effect September 1, 2016. Inspectors are no longer required to be members of a recognized association to be licensed. However, under our Act and Regulations, ASTTBC will continue to certify and regulate the professional house inspectors who are members of the Association.

Onsite Wastewater

The Registered Onsite Wastewater Practitioner (ROWP) program currently has 525 certified members. New applications for initial certification continue at a steady pace; ASTTBC typically receives 4 – 6 new applications per month. We have seen an increase in applications for Maintenance Provider and Private Inspection certification, but there remains a shortage in those categories in some areas of the Province.

A revision to the Onsite Wastewater Certification Board (ROWP) was adopted in January 2017. ROPWs and potential applicants are encouraged to review the new Policy and associated ROPW Practice Guidelines at owrp.asttbc.org

Underground Utility Locator

The UL Certification Board has been enhanced with nonvoting, but fully engaged, members from our partners BC Municipal Safety Association, BC Common Ground Alliance and Kwantlen Polytechnic University. An additional two sitting members are being presented to Council for appointment. RULT members are now eligible for professional liability insurance via ASTTBC which shows clearly, the confidence that our insurers have in ASTTBC certifications. RULT Program Manager, Bruce Stevens, ASCI, has been invited to speak to the BC Municipal Public Works Managers Group meeting in March.

ASTTBC Partnerships

ASTTBC DiversiAbilities Labour Market Partnership – Creating Access to Tech Jobs for People With DiversiAbilities

IN PARTNERSHIP with the Ministry of Social Development and Social Innovation (MSDSI), the DiversiAbilities Labour Market Partnership included surveys of employers who hire tech-related employees, employer workshops and focus groups for people with disabilities.

The study, along with the Employer Sessions and Sector Workshops, has been published. The final report was submitted to the Government on January 20th and some preliminary findings are as follows:

• More than 45% of respondents indicated they were currently hiring PwD
• More than 56% of respondents express concern about future workforce shortages
• More than 68% of respondents admitted they could be doing more to recruit PwD

ASTTBC & Science World BC Canada 150 Partnership

ASTTBC, the ASTTBC Foundation and Science World BC have launched the Canada 150 partnership, committing to provide hands-on learning in STEM subjects. This two-pronged initiative is delivering educational resources and outreach activities province-wide.

One activity is the ASTTBC Blocks for Building Our Future Competition using the KEVA planks kits. Sixteen kits have been placed in public libraries and schools are signing them out, like books. "KEVA planks will help learners experience the fun of STEM. We might even inspire a future architect, engineer or technologist!" said John Leech, ASTTBC CEO.

The second activation involves ASTTBC’s participation in the Community Science Celebrations. These celebrations include eye-popping demonstrations and an opportunity to meet people with STEM-related careers. "2017 is a year where the entire country is coming together as a community to celebrate Canada’s 150th anniversary," said Scott Sampson, President and CEO of Science World BC. "Science World is very excited and honoured to contribute to these community celebrations by partnering with ASTTBC and the ASTTBC Foundation in bringing these engaging STEM activities across the province."

This initiative is a valuable contribution to ASTTBC’s goals of enhancing technology professional careers and ensuring that technology education is valued.

Village Public Works Technicians

ASTTBC created the Public Works Technician model after studying a number of small, medium and larger First Nations communities throughout BC. Minister of Public Safety and Solicitor General, and MLA for Prince George-Mackenzie, Mike Morris announced $300,000 in funding to support the training of eight technicians, half of whom are First Nations. Launched by the College of New Caledonia, the project will deliver much-needed training in water and sewage systems, buildings, fire protection and other municipal services.

Fire Protection Technician Program

Under the Canada-BC Job Fund Agreement, ASTTBC has delivered the Fire Protection Technician Program – training participants for jobs in the industry. The program includes five weeks of classroom training, safety training and endorsements in key areas, followed by two weeks of job shadowing, and supports BC’s regional labour market demands to provide training opportunities to under-represented groups, as well as industry-recognized certificates or credentials.

BC Film Industry Contributes S4B to the Economy

The BC Film Industry now rivals mining and forestry as key enterprises driving the BC economy. ASTTBC commented that registered technologists and technicians are ideally qualified to provide their services to the film industry. It is the responsibility of ASTTBC to ensure the tech professionals are fully qualified and that the industry can rely on their expertise when providing technical and professional services and assuring worker and public safety.

Public Works Association of BC Announces New Executive Director

ASTTBC congratulates Ashifa Dhanani as the new PWABC Executive Director in January 2017. Ashifa was formerly the EOCP Executive Director and will continue to lead the PWABC Strategy currently underway.

In the News… until page 4

TechNOVA & ASTTBC Link on Professional Assessment Resources

Investing in the tools needed to enhance the assessment of foreign credentials is the focus of a new agreement between ASTTBC and TechNOVA, with the beneficiaries being foreign professionals looking to immigrate to one of the two provinces. Nova Scotia and BC associations leaders and NS government representatives gathered in Halifax to frame the implementation plan between the two provincial associations.

College of Applied Biology Announces New CEO

The College of Applied Biology (CAB) is pleased to announce that Christine Houghton has joined the College as Executive Director. Christine brings to the College extensive experience as an advisor on strategic policy, governance, legislation, intergovernmental relations and communications. Her work includes the successful delivery of critical environmental programs, complex policy and legislative packages, and effective management of resources.

SKILLED KNOWLEDGEABLE WORKERS are at the core of realizing sustainable, responsible development in British Columbia. The success of your enterprise in a dynamic global market will depend on the professionals on your team.

Add value to your team by employing technology professionals registered with ASTTBC... highly qualified technical personal who are job-ready with education and experience.

Employers... ask for our Employer Liaison package to learn how technology professionals can benefit your enterprise.

For more information... www.cten.ca

In the News...
First Nations Career Council Update

JUNE 21, 2016 marked the 20th Anniversary of National Aboriginal Day, an official day of celebration to recognize the valuable contributions to society by Canada’s First Nations, Inuit and Métis peoples. In honour of this significant day, ASTTBC and the First Nations Careers Council (FNCC) took time to reflect and celebrate the efforts made this past year to help advance technology education, careers and their application in aboriginal communities. During the BC Science Outreach Workshop Bill Bagot, FNCC Chair, as well as three other elders from the aboriginal community participated in the STEM in the Aboriginal context breakout session to explore and exchange knowledge about how organizations can more effectively share science, technology, engineering and math with BC aboriginal communities.

First Nation Construction Industry Education (FNCIIE) Project, Williams Lake, BC FNCC Vice-Chair, Dawn McGrath, AcET, ROWP, and ASTTBC Manager, Professional Practice & Development, Jason Jung, AcST, showed support to the Yunesit’in Nation and David Nairn & Associates’ FNCIIE Project by providing exposure and information on technician/technologist type occupations and career pathways at their career fair. The FNCIIE Project engages First Nation members to expand knowledge of career opportunities in the design and construction.

THE PAST YEAR has been a busy one for this committee and we are fully engaged in planning upcoming events in 2017. This core group of ASTTBC women members represents a variety of disciplines in the applied technology field. Our mission is: To provide support, be an information resource, and promote awareness to women in technology careers and to women seeking new career opportunities.

ASTTBC Registrar, Charles Joyner, has recently reported a slight increase in female representation amongst the membership. As of December 31, 2016, there are a total of 10,601 members in the Association, and over the past five years the number of female members has increased from 8.9% to 12.8%. With the ongoing awareness and information being circulated about pursuing a rewarding career in technology change, more women are choosing to explore this opportunity. BCWIT expects this increase to continue.

In addition to recruiting committee members and providing networking opportunities, the committee continues to actively promote, sponsor and volunteer with a number of partners and their events. As a volunteer group we are always looking for members. If you are interested in being a part of this committee, please contact us at...