



ASTT e-News, November 2009

Dear Member,

ASTT e-News is broadcast to technologists, technicians, technical specialists and others. It contains the latest information about your profession and your association. Each issue is also posted to the ASTTBC web site.

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ASTTBC Member Survey 2009

Voice your opinion and you may win an iPod... deadline looming!

To all ASTTBC registrants - Council and staff want your opinion on how ASTTBC is doing and where you think we should focus the Association's time and resources in the future. Participate in the General Member Survey and you could win one of two great prizes, including the latest iPod Nano. Survey results will be posted to ASTTBC's web site and highlights will be published in ASTT News.

The deadline has been extended to December 4. Please take time right now to complete the survey online at www.asttbc.com/services/publications/member_surveys.php

Thank you!

ASTTBC Council Nominations

Nominations are requested for election to the Council of ASTTBC. Each nomination must be supported by the signatures of 10 certified members, as well as the consent and signature of the nominee. Nominations properly endorsed must be received by the Nominating Committee Chair by Sunday, February 28 2010.

Darrin Heisler, ASCT
Chair, Nominating Committee
10767 – 148 Street, Surrey, BC V3R 0S4

Fax: (604) 585-2790

Annual General Meeting... Friday, May 28 2010. Please mark your calendar.

Employment Opportunity – ASTTBC Registrations Department Assistant

The Applied Science Technologists and Technicians of British Columbia, the 8th largest professional association in BC, has an employment position available for a Registrations Department Assistant/Coordinator. This is a full-time position with potential for advancement, excellent salary and benefits. The ideal candidate must have strong computer and data entry skills, excellent communications skills and be a team player. A management related diploma or degree would be considered a definite asset. Please send your resume with 'handwritten' cover letter (to include salary expectation) by December 4 2009 to John D. Shortreid, ASCT, CLS, Registrar, at ASTTBC by fax (604) 585-2790 or mail 10767 – 148th Street, Surrey BC, V3R 0S4.

Professional Technologist - ASTT Regulations Amended

The ASTTBC Council has approved changes to the regulation pertaining to the standards required to achieve, and appropriate the use of, the title 'Professional Technologist' (PTech). The changes will bring the ASTT Regulations into alignment with new Alberta legislation proclaimed October 14 2009. The ASTT Regulation has been revised to read:

- 2.2(d) A certified member who has a minimum of four (4) years of progressive technical experience in addition to the experience required for certification as an Applied Science Technologist or Certified Technician and has acquired the competencies commensurate with a Professional Technologist as recognized by the Council, may apply to the Board to be registered as a Professional Technologist, Professional Technologist (Engineering), Professional Technologist (Geoscience) or Professional Technologist (Building) and, upon registration, shall be entitled to use the designation PTech, PTech(Eng), PTech(Geo) or PTech(Bldg).

The Alberta Engineering, Geological and Geophysical Professions Act has been amended to incorporate the Association of Science, Engineering and Technology Professionals of Alberta. ASET, ASTTBC's sister association, had been operating under the Society Act. This 'one act – two association' legislative model establishes the PTech designation and grants PTechs the right to independent practice within established standards and codes. The PTech is a member of ASET but is jointly regulated (50:50 Boards) by ASET and the Association of Professional Engineers and Geoscientists of Alberta. Other classifications such as CET, ASCT and CTech continue under ASET Regulations pursuant to the Act.

In British Columbia, the ASTT Regulation pertaining to PTech is now in force but it still needs to be confirmed by the members at a general meeting. Member confirmation will likely be sought at ASTTBC's 2010 AGM. It may be sought earlier if required by government legislation on portability of credentials between provinces. Council has asked that an implementation plan be constructed by early in 2010.

Watch ASTT e-News for developments.

Awards & Recognition Celebration Caps 50th Anniversary

More than 200 members and guests gathered on November 7 2009 to honor the volunteers who contribute to ASTTBC's success and to recognize deserving technology professionals.

John Yap, Minister of State for Climate Action, was the guest speaker. He acknowledged the role of technologists and technicians in BC's infrastructure projects such as the new RAV line. The Minister had taken the skytrain from his home in Richmond to the ASTTBC gala in downtown Vancouver. He told the audience that ridership is ahead of projections and went on to discuss how projects like public transit are part of climate action plans.

Hedy Fry, MP for Vancouver Centre, brought greetings and she spoke of ASTTBC's goal to enhance recognition for technologists and technicians. Andrew Saxton, MP for North Vancouver, presented a

certificate to Executive Director John Leech, ASCT, CAE, in recognition of ASTTBC's role in society over the past 50 years.

Deputy Mayor Heather Deal brought greetings on behalf of the City of Vancouver and was very complimentary of jobs that technologists and technicians do in a city of this size.

Moira Stilwell, Minister of Advanced Education and Labour Market Development sent greetings that were read out by John Leech, who served as emcee. In part her message said "As ASTTBC wraps up its year-long celebration of its 50th anniversary you should be pleased with the accomplishments of your association in its first 50 years. ASTTBC has become a well-recognized and respected professional association. It has achieved a great deal for its members over the years and has very ably carried out its mandate to serve and protect the public interest. I would also like to congratulate ASTTBC on its efforts to promote technology education and awareness of technology careers to BC students. The skilled technologists and technicians who graduate from British Columbia's world-class provincial institutes, colleges and universities are in high demand, even in today's economy, and will work in fields as diverse as medicine, mining, engineering, forestry, construction and environmental protection."

The following awards were presented:

Professional Leadership Award for Women in Technology

Sarah Campden, CTech – owner, Made to Measure Consulting

Advanced Technology Award

Nancy Paris, PEng – Director, Process Applied Research Team, BCIT

Professional Achievement Award

Peter Link, CTech, CPI – Manager, House & Property Inspection Registrations, ASTTBC

Simon Chu, ASCT – Senior System Capacity Planner, Terasen Gas (unable to attend)

Life Membership Award

Darrin Heisler, ASCT – Past President, Applied Science Technologists & Technicians of BC

Joseph Cave, CTech - 50 years of continuous ASTTBC membership (unable to attend)

R. Littledale Memorial Award

Martin Dunsmuir, ASCT – owner, White Squall Consulting and Director of CCTT

Peter Allan ASCT Leadership Award

Marsh Heinekey, ASCT, MBA - former President of ASTTBC and of CCTT; Vice President BCIT (retired)

Honorary Membership

Sam Sullivan – former Mayor, City of Vancouver; founder of the Tetra Society

Ken Cameron - Manager of Policy and Planning, GVRD; former CEO of the Homeowner Protection Office (unable to attend)

Dr. Donald Rix - Chairman, LifeLabs Diagnostics BC Inc. (awarded posthumously)

Students Receive Bursaries At ASTTBC Gala

Several students picked up \$1,000 bursary cheques at the ASTTBC Awards & Recognition Celebration on November 7 2009.

ASTTBC TD Insurance bursary

Kevin Barnard – Camosun College, Environmental Technology

Timo Hess – Kwantlen Polytechnic University, Environmental Protection Technology

Sam Rogers – BCIT, Civil Engineering Technology

ASTTBC Bursary for a High School Student

Brandon Sauer - Okanagan College, Mechanical Engineering Technology

Shelley Miller, a student in Camosun College's Environmental Technology program was unable to attend the awards ceremony. Her ASTTBC Wade Wicks Memorial Bursary was presented at another

time.

ASTTBC Reps Attend APEGBC AGM

ASTTBC President Doug Carter, CTech; Vice President Bill MacPherson, ASCT; and Executive Director John Leech, ASCT, CAE, attended the annual conference of the Association of Professional Engineers and Geoscientists of BC. The event took place October 15 - 17 2009 in Victoria. ASTTBC participated as a sponsor of the event. *"Technologists and technicians work side-by-side with engineers,"* said President Carter. *"I think we have much to share with each other and common ground to build on so I was pleased our senior officers and staff attended APEGBC's annual general meeting."*

Council Appoints New Director To Canadian Council

After eight years of service, Martin Dunsmuir, ASCT, gets a well-deserved rest as the ASTTBC Director on the Canadian Council of Technicians and Technologists. As of October 24, 2009 Darrin Heisler, ASCT, the current Past President for ASTTBC, will become the CCTT Director. Martin received the R Littledale Memorial Award at the ASTTBC Awards and Recognition Celebration in consideration of his contribution to the Association for over 3 decades. Darrin takes on the role after having served as the Chair of the Assembly of Presidents during which he assumed a lead role in a third party review of CCTT and its mandate, roles, and programs in support of its members, the provincial associations.

Federal Minister Stockwell Day Meets ASTTBC And Colleagues

ASTTBC's Executive Director, John Leech, ASCT, CAE, was invited to meet with Minister of International Trade, Stockwell Day (Member of Parliament for Okanagan-Coquihalla) to talk about internationally trained professionals, technology education and careers and professional recognition. Joining John were: Barry Cavanagh, Executive Director for the Association of Science, Engineering and Technology Professionals of Alberta; Yaro Zajac, Executive Director, Canadian Council of Technicians and Technologists; and Jan Marston, Vice President, Technology Education and Careers Council and Vice President, Terasen. The group talked about how the professional associations integrate Internationally Trained Professionals into the associations and the current work being done by the associations and CCTT to enhance awareness and access before ITPs make the decision to move to Canada. Yaro Zajac outlined key benefits that will result from the pan-Canadian initiative to roll out web-based information on technology education and careers in Canada. John Leech spoke to the new 'National Qualifications Framework' initiative which will help draw attention to the need for Canada to enhance, and in some cases develop, national qualification benchmarks, which in turn will assist with the portability of credentials from coast to coast to coast. Jan Marston spoke to the work of the TECC to enhance awareness of technology education and careers, currently 'invisible' to many in the general public. John added ASTTBC's work to enhance awareness among First Nations and women. He suggested it is time for Canada to take a hard look at the successes of technology education during the past 40 or more years and to develop a new vision for the future of tech ed in Canada. Barry Cavanagh briefed the Minister on the legislative initiative in Alberta and the creation of the new 'Professional Technologist (Engineering)'. The discussion included the collective concerns about the 'disconnected' regulatory framework in Canada. *"We asked the Minister to speak with his colleagues about the real need to 'harmonize' professional legislation and practice,"* said John Leech. *"He advised us he would follow up with other Cabinet members and would stay in touch with our associations."*

Minister Iain Black Meets ASTTBC Leaders

The Honourable Iain Black, Minister of Small Business, Technology and Economic Development met with ASTTBC's Secretary Treasurer, Dave Rutherford, ASCT, CLS, BCLS, and Executive Director, John Leech, ASCT, CAE. As this was the first formal meeting with the Minister, Dave and John took time to highlight the role of ASTTBC as a self-regulating professional association and a few of the programs in which ASTTBC is involved, such as promoting technology education and careers. A fair bit of the time together focused on professional recognition and practice rights, with the ASTTBC

reps outlining the achievements made by ASTTBC in terms of rights to practice and some of the hurdles faced over the years. Mention was made of the Architects Act and how it has not changed in terms of the restrictive practice since enacted in 1920. Much attention was given to the new PTech in Alberta and the models in Saskatchewan (where the Architects Act provides an exemption for technologists and technicians) and Manitoba where the Engineers Act provides an exemption for technologists and technicians and also adds a 'joint board' whose primary purpose is managing issues between the two associations, notably overlapping areas of practice.

MLA Vicki Huntington Meets ASTTBC Executive Director

Vicki Huntington, who was elected in May as an independent candidate for Delta South, met recently with ASTTBC's Executive Director, John Leech, ASCT, CAE. The two spent a fair bit of the hour together talking about ASTTBC's role as a professional association and its contributions to the province. Leech spoke about ASTTBC's prime role of serving the public interest by certifying and regulating technologists, technicians and technical specialists. The two reviewed some of the current issues faced by ASTTBC including the need for changes to the current regulatory model.

"I was pleased to provide her with the spectrum of ASTTBC's roles, responsibilities and programs," said the Executive Director. "In addition to talking about rights to practice and our concerns about the Architects Act we talked about ASTTBC's work with Internationally Trained Professionals, First Nations and Women in Technology. We discussed the new Alberta legislation and 'PTech'. I stressed the need for ASTTBC and APEGBC to reach an agreement on a better model for regulating engineering, geoscience and technology professionals."

Their discussion also covered ASTTBC's work to enhance awareness of technology education and careers, including the recent Roundtable on Technology Skills Shortages III. Ms Huntington expressed appreciation for the opportunity to learn more about ASTTBC and its programs.

Roundtable On Skills Shortage Builds Momentum

Some 60 leaders from industry, education and associations gathered at the Wosk Centre in Vancouver on October 14 to review progress and formulate more action steps to help ensure sustainable technology education and careers.

When ASTTBC hosted a conference on this topic in 2005, two messages became clear. Technologists and technicians are invisible. And, if this is to change, ASTTBC must do something. Since then, the Association has partnered with others to host several roundtables across the province. A number of initiatives were undertaken to enhance awareness and help promote technology education and careers. Examples include the Technology Education & Careers Council, the First Nations Careers Council and ASTTBC's BC Women in Technology working group. The RTSSII roundtable in 2007 helped to draw everyone together to check on progress since 2005 and to define actions needed to boost the momentum.

At this year's RTSSIII a number of experts in industry provided insight as to the current and future needs for technology practitioners. Several people involved in the delivery and promotion of technology careers shared information on their initiatives with the other delegates. The roundtable then posed questions and recorded feedback and actions to ensure a sustainable supply of technology professionals.

"The morning roundtable on the technology skills shortage was very informative," said Paige Axelrood, PhD, Manager, Scientist in Residence Program. "I also appreciated having the opportunity to talk with colleagues about women in technology at the afternoon roundtable. The ASTTBC initiatives, including the BC Women in Technology, are so important."

Richard Bushey PhD, Executive Director of the Building Officials' Association of BC stated *"The roundtable verified a lot of the data we are picking up in our Association on trying to find qualified people."*

Some of the other participants included representatives from: Industry Canada, the Province of

British Columbia, Black Press Media, Terasen Gas, BC Hydro, Telus, Associated Engineering, Koers and Associates Engineering, Stantec, Metro Testing Laboratories, CH2M Hill, Vancouver Coastal Health Authority, APEGBC, Canadian Council of Technicians and Technologists, Premier's Technology Council, Asian Pacific Gateway Skills Table, Canadian Home Builders Association of BC, BC Construction Association, BC Technology Industries Association, OSTECH, MISTIC, BCIT, Kwantlen Polytechnic University, Okanagan College, College of New Caledonia and School District #73.

ASTTBC thanks:

Event Partners

- BCIT
- Black Press
- TELUS
- Terasen Gas

Gold Sponsors

- BCIT Alumni Association
- BC Safety Authority

Silver Sponsors

- Association of Professional Engineers and Geoscientists of BC
- Canadian Home Builders' Association of BC
- Manulife Financial
- Pacific NorthWest Economic Region

Bronze Sponsors

- BC Deans of Technology
- BC Hydro
- Camosun College
- College of New Caledonia
- Foundation for Education & Advancement in Technology
- First Nations Technology Council
- Health Sciences Association of BC
- Lindsay Kenney LLP
- Mid-Island Science Technology & Innovation Council
- Technology Education & Careers Council

National Technology Week Promotes Technology Careers

ASTTBC once again partnered with Black Press newspapers and others to promote technology education and careers during National Technology Week. A full-page ad designed by ASTTBC was published in 36 Black Press newspapers across the province from October 28 – 31. This represented a combined readership of more than one million people.

"This year's advertisement drew attention to our registered Technology Professionals and the great contribution they make to BC," said ASTTBC's Executive Director, John Leech, ASCT, CAE.

ASTTBC would like to acknowledge those who helped make the initiative possible:

Partners

- BCIT
- Black Press
- TELUS
- Terasen Gas

Gold Sponsors

- BCIT Alumni
- BC Safety Authority

Silver Sponsors

- APEGBC
- CHBA(BC)
- Manulife Financial
- Pacific Northwest Economic Region
- TD Insurance

Bronze Sponsors

- BC Deans of Technology
- Camosun College
- College of New Caledonia
- First Nations Careers Council
- FEAT
- Health Sciences Association of BC
- Horseshoe Press
- Lindsay Kenney LLP
- MISTIC
- Technology Education & Careers Council

TechPRO – Ron Stefik, ASCT

The TechPRO section of ASTTBC's web site provides great career information for aspiring technologists, technicians and technical specialists. TechPRO listings allow you to 'catch up' with former colleagues and find out who is working in your community. Posting your profile provides another way for self-employed practitioners to get their names in front of visitors to the ASTTBC web site. ASTTBC members... if you have not yet posted your career story, please do it today! To load your information go to www.techprofile.ca/

Note: Why not visit TechPRO to see the posts of your colleagues – this month's 'editor's pick' is Ron Stefik, ASCT. Ron has been promoted to the position of Senior Technical Advisor, Reservoir Engineering for the British Columbia Oil and Gas Commission, Victoria office. He has worked for the Commission since its inception in 1998 and was previously with the BC Ministry of Energy, Mines and Petroleum Resources. Ron has worked in several positions of escalating responsibility within the organization prior to his present classification, an acknowledgement of his expertise. As a representative of the Commission, Ron makes frequent presentations in both Canada and the US. He evaluates reservoir project applications and advises on provincial policy and regulations. Ron gives credit to his status and recognition as an Applied Science Technologist in helping to achieve this goal. Visit his TechPROfile at <http://www.techprofile.ca/techprofile.php?469d5d20>

TechLINKS

- Adaptable Housing Added to BC Building Code. New standards for the design and construction of adaptable housing have been added to the BC Building Code and will become effective December 31, 2009. www.housing.gov.bc.ca/building/adaptable_housing/index.html
- BCIT Brownfield Renewal Courses. The School of Construction and the Environment at BCIT is continuing its series of courses in brownfield redevelopment in support of B.C.'s brownfield renewal strategy. Starting in December 2009, the suite of part time studies courses will include an introduction to brownfield redevelopment, planning and environment, legal and finance, technical and environmental strategies, and land development and real estate of brownfield redevelopments. commons.bcit.ca/brownfield
- Contaminated Sites Approved Professionals first annual stakeholder survey. Stakeholder input is important to the Society and will be used to further refine their process and to provide better

service to the contaminated sites community. www.csapsociety.bc.ca/csap-stakeholder-survey-2009.html

- Civil Engineering Technology students available January to March. Hiring a Camosun Civil Engineering Technology co-op student is cost effective recruitment that allows you to try out potential future employees ready to apply skills. camosun.ca/services/coop/applyform.html
- Young Innovator Scholarship Fund to Award \$225,000 to Innovative Students. Grade 12 students from central and northern British Columbia now have access to a \$225,000 Young Innovator Scholarship Fund based on their winning ideas, innovation and entrepreneurship. The scholarship fund is a partnership between Northern Development Initiative Trust (Northern Development) and the BC Innovation Council . The scholarships will be awarded through "Idea MashUP" competitions, where students in high schools across the region are challenged to create a new technology by mashing together two or more existing technologies. The initiative supports students to continue their education in full-time science, technology and business programs in BC's post secondary institutions. www.bccic.ca/students

TechEVENTS

Power Transmission Fundamentals, December 3 -4 2009, Vancouver.

Practical knowledge on power transmission components, maintenance practices, predictive and preventive practices, causes of failure and failure modes. Global Innovative Campus www.gic-edu.com

Design of Machine Foundations, December 7 – 8 2009, Vancouver.

The important aspects of foundation dynamic behaviour and the limitations of different models used for dynamic analysis of foundations plus more. Global Innovative Campus www.gic-edu.com

Sanitary Sewer & Stormwater Drainage Systems Design Workshop, December 7 – 8 2009, Vancouver.

Understand the basics of sanitary and storm water system design, to develop skills to design new sanitary sewer and stormwater drainage systems as well as to design additions or replacements for existing systems. Global Innovative Campus www.gic-edu.com

New Design of Steel Structures Standard, January 22 2010, Vancouver.

A thorough examination of the newest edition of the CSA Standard S16-09 Design of Steel Structures. www.csce.ca

Roads to Prosperity Transportation Conference, January 27 2010, Richmond.

Socio-economic returns on investment in the transportation sector. Organized by the Consulting Engineers of BC in association with the BC Ministry of Transportation and Infrastructure. www.cebc.org

BCIC Innovation Summit, January 7-8 2010, Vancouver.

A networking event connecting science to business in the agriculture, food and ag-bioproducts sectors. Join the kick-off the Commercialization of Agricultural Technology Awards. www.bccic.ca

Georgie Awards 2009 Gala, March 13 2010, Vancouver.

Sponsored by the Canadian Home Builders' Association of BC. (CHBA BC) announces the finalists for its provincial housing awards. www.chbabc.org

ASTTBC Annual General Meeting, May 28 2010.

Mark your calendar. Details to follow.

Building Envelope Systems and Technologies, June 27 – 30 2010, Vancouver.

ICBEST 2010 provides a worldwide forum for the exchange of information and discussion of recent developments in in building envelope engineering. www.icbest.ca

Note: For links to seminars listed on the web sites of other associations, visit www.asttbc.org/services/cpd/seminars.php

