

AtlanTECHnews

for the technology professionals of

New Brunswick, Prince Edward Island, Nova Scotia and Newfoundland

The NBSCETT offices have moved for only the second time, now to 2 - 385 Wilsey Road, from Beaverbrook Court. Fredericton Mayor Brad Woodside cut the ribbon at the new offices 'Open House' this month with (left to right) Ken Brown, CET- Society Registrar, (Mayor Woodside), Society President Elect, E. James Nyers, CET, and Executive Director Ed Leslie, CAE.

The Society's first offices were at 123 York Street.



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"regarding public insurance"

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NBSCETT / SttagN-B By-Law 17

TECHNOLOGY FOUNDATION - CHARITÉ TECHNOLOGIE

The **Technology Foundation - Charité Technologie** ("the Foundation") is established by the Society to promote the training and education of members and prospective members by providing scholarships, bursaries, grants, or financial assistance to persons attending or proposing to attend any school, college, or university, and undertaking or proposing to undertake any Engineering / applied science technology diploma study in New Brunswick or elsewhere, in programs acceptable to the Foundation. The Foundation may solicit, receive and accept all manner of contributions, gifts, bequests and legacies from any person, firm or corporation.

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hereby direct that my donation of \$ _____ be held by the Technology Foundation/ Charité technologie Inc. [Registered Charity #866482334RR0001] for a period of not less than ten (10) years in compliance with subsection 149.1 (1) (e) (B) of the Income Tax Act.

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Benefits of "Certification" presentations available to industry, employees, public

If you, your company, or community organization want to know more about the internationally recognized and inter-provincially accepted designations CTech, CET and ASCT; "nationally accredited post-secondary programs"; the standards for certification; certified members' role in education; and, the relationship and benefits to industry and career advancement; a presentation (*english or french*) is available; and will be as in-depth and detailed as requested.

Contact NBSCETT/SttagN-B.

Presentations from 20 minutes to two hours.

ACETTPEI shirts, mugs, pens and brief case.

As part of a new promotional program ACETTPEI in addition to the ring, (which is available only for fully registered members), we now offer to all our members embroidered golf shirts in the latest fashions, mugs, pens, brief cases and other clothing with our logo screen printed or embroidered on them. As well, anyone with their own personal items can have them screen printed or embroidered with ACETTPEI's Logo.

Rings are \$50 (Certified Members only)

Mugs are \$5 each, 4 for \$20 or 6 for \$25, makes a great gift. Golf shirts and other clothing (shorts, gym pants etc) the prices vary depending on style ordered.

Please contact us for prices at:

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Association of Certified Engineering Technicians and Technologists of Prince Edward Island

ACETTPEI Council 2004

Past President, Ross Barnes, CET
 Councillor Trent Collicutt, CET
 Secretary, Laurie Eveleigh, CET
 Councillor, Marc Griffin, CET
 President, Brian McLellan, CET
 Councillor, Melanie Blue, CET
 and, Vice President, Kelly Sampson, CET

Missing from photo are Councillors Michael Nielsen, CET, and Alan Robinson, CET



Ross Barnes, CET presents to incoming President Brian McLellan, CET, the gavel, as he takes over his duties at the ACETTPEI AGM.

Steve Shaw, CET, President of (TechNova) the Society of Certified Engineering Technicians and Technologists of Nova Scotia, congratulates Brian McLellan, CET on his Presidency.



2003 ACETTPEI YEAR END PRESIDENT'S REPORT

It has been my pleasure to serve as your President. As I come to the close of my second term, I know I could not have done it without the assistance and dedication of the current Council, and that includes the non-elected members of Council as well. Thank you to all the members who have contributed to the workings of the Association. Some behind the scenes organizing the Annual meeting, assisting in logistical and administrative tasks, working on the President's Award. At least this year it has not been a struggle to get a quorum. The Council is so eager to get things done, they want to meet even when I'm not there.

Our notable achievement for the past year has been the set up of the office at 92 Queen Street and the appointment of Darlene Balderston as Assistant Registrar. There is now a live person answering the phone when you call. If you do happen to get voice mail, that message will be received and your call returned. Quite a change from one year ago. The cost of the office has been worth the expense. The Association is now able to deal with members, potential members, fellow Associations and CCTT on a timely basis. And Darlene is a good conscience. If we need prompting or reminding to get things done she is not hesitant to email, then call the person responsible to get it done.

(continued on next page...)

2003 ACETTPEI YEAR END PRESIDENT'S REPORT

It has been a struggle to get the Association to run smoothly over the years. The Certification process has been our largest complaint. The process should only take 2-3 months. With Darlene as Assistant Registrar, it has speeded the routine correspondence, as well as the gathering of missing or additional information and the sending out of Certificates. Why appoint her as Assistant Registrar? Access to the member files is limited to the Registrar. Whereas Stephen Campbell lives and works in Summerside, it was necessary to appoint Darlene as Assistant Registrar in order for the registration/certification process to run smoothly and for her to have access to your file when you call.. As President, I do not have the authority to access any files. The Council members are not allowed access to the member files.

As the only provincial Association who does not require the writing of an ethics exam as part of the certification process, ACETTPEI intends to implement this requirement in 2004. Nova Scotia has allowed us the use of their exam which we will tailor for our requirements. There is no need to reinvent the wheel.

Brian McLellan and I had the pleasure of attending the CCTT Annual Meeting in Quebec City last October. Your CCTT Director Stephen Gould helped make it possible by driving to Quebec City and taking Brian and I along for the ride. We saved a considerable amount in travel cost. As well, Brian and I shared a room. There is also an interesting moose story that you should ask Brian and Stephen about. Brian and I were also big hits at the President's Reception in our black ACETTPEI golf shirts. Everybody wanted a golf shirt. Preferably a free one.

Also last October, we celebrated National Technology Week. Without the contribution of Maria Driscoll of Holland College and her staff, National Technology Week would have passed unnoticed. Thanks to Maria and her staff.

Thanks also goes out to Rosemary Terris and Stephen Gould who represent us at the national forums. Rosemary as Vice Chair of the Canadian Technology Accreditation Board and Stephen as Director for PEI at the Canadian Council of Technicians and Technologists.

It has been my pleasure and Honour to serve as your President. Thank you for the opportunity to be able to serve you - the member.

Respectfully submitted,

Ross D. Barnes, CET - President 2003

Note from New ACETTPEI President:

Our **Annual General Meeting** was held April 22, 2004 at Rodd Charlottetown. CCTT President Réjean Touchette, T.P. was unable to attend, but promised that next year he would be here, however Stephen Gould was on hand to bring greetings from the national organization. Greetings also were from Nova Scotia President Steve Shaw, CET, who unfortunately did not win a door prize at our AGM as we did at theirs, (sorry Steve better luck next year). Also on hand were representatives from the Association of Professional Engineers of PEI, Vice President Christine MacKinnon, P.Eng. and the Architects Association of PEI, Darrin Dunsford.

The Guest Speaker at the AGM was Dr. Brian McMillan Vice President of Holland College. He spoke about the skill shortage in Canada and what Holland College is doing to meet that challenge. The presentation was very informative and there were a great number of questions from the floor. Our Thanks to Dr. McMillan for providing us with their view on the skill shortage and we are sure that with the efforts of Holland College that Technicians and Technologists will take an even more important role in filling that gap.

(in photo left to right- Dr. Brian McMillan receives ACETTPEI Presidents' Award from 2003 President Ross D. Barnes, CET)



The Meeting portion was well attended and a new Council was presented, as incoming President I look forward to working with Council and continuing to improve our Association. We now have an office which is helping keep us in touch with our current as well as potential new members. If you have any questions or would like to volunteer to help our Council please give us a call; the Board of Examiners can always use extra members to help process applications. The agreements with TD Meloche Monnex, Telus and our Sponsorship program are just the first of what we hope will be a long list of benefits to ACETTPEI membership.

I also attend the New Brunswick AGM on April 24th with Vice President Kelly Sampson, Councilor Melanie Blue and CCTT Director Stephen Gould. I look forward to representing ACETTPEI at future meetings and events.

Respectfully submitted,
Brian McLellan, CET
President 2004

Members' input is needed....

Articles, photographs, technical papers, "letters to the editor", are all items which are needed to make the AtlanTECH bigger and better (*as well as carrying your organization's advertising message to more than 4,000 decision makers!*) You can send in a short note about "how your company did something better: such as, - environmentally; safer; less expensive; better team processes"; maybe send in a technical report about your hobby; or, how about a 'photo essay' showing a technical situation/solution, or an opinion letter about a technical/technological issue. The AtlanTECH is published for *the technology professionals in Atlantic Canada* four times each year, so you can send in that material anytime! (use either WP, Word, .txt, via e-mail, with "article for AtlanTECH and your name" in the "Subject" line.)

send to: nbscett@nbscett.nb.ca

Thank you for your support.

NBSCETT's annual membership renewal fees are due on January 1st of each new year, and valid through to December 31st of each year. **The late payment date is January 31st; and the late payment charge is \$50.00.** The Registry removal date is March 31st; and employers will be notified of 'struck off' members. Certified/Associate members who are unemployed, are full time students, or, are permanently retired from the workforce, may apply for 80% reduction in dues, upon receipt of resumés / affidavits.

Please, help your professional Society better use the resources for education, the profession, and the promotion and protection of titles.

All members are urged to notify the Society office at their earliest convenience, should they have any question / concern; and to inform of any changes to their employment, or their contact information.

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Murphy's Law: "Anything that can go wrong, will..." - Here are some other Laws you may not have heard!

Lorenz's Law of Mechanical Repair: After your hands become coated with grease, your nose will begin to itch.

Anthony's Law of the Workshop: Any tool, when dropped, will roll to the least accessible location.

Lowery's Law of Home Repair: If it jams, force it. If it breaks, it needed replacing anyway.

Beach's Law: Interchangeable parts, aren't.

William's Law: There is no mechanical problem so difficult that it cannot be solved by brute strength and ignorance.

Lane's Law of Supply and Demand: The one item you need is always in short supply.

Cannon's Karmic Law: If you tell the boss you were late for work because you had a flat tire, the next morning you will have a flat tire.

Norman Einstein's Law: If it's stupid but it works, it isn't stupid.

Col. Murphy's Law of Combat: Never forget that your weapon was made by the lowest bidder!

AtlanTECH

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Editorial opinions, submitted articles and reports published within the AtlanTECH do not necessarily reflect the opinion/policy of the Councils/Societies; and the Societies do not accept any responsibility. All submissions are welcome, in either official language. Employers are offered free 'business card' size advertising space when seeking members of the Societies for employment, and general advertising rates are available upon request. The AtlanTECH has circulation to over 4,000 decision makers throughout Atlantic Canada, and across the country. Please address all correspondence to NBSCETT Executive Director, E. F. Leslie, CAE.



NBSCETT's Presidents Award is presented to the New Brunswick Department Of Transportation - Human Resources Devision for adapting their HR Technical Competencies for Engineering Technicians Levels I to IV to the Canadian Technology Academic Standards

Holding the NBSCETT Presidents Award is Elaine LaPointe, CET, Technical Training Consultant, with (at left) NBDOT Assistant Deputy Minister of Corporate Services & Fleet Management, Dale Wilson, and (at right) Marguerite Lévesque, Director of NBDOT Human Resources.

The purpose of this project is to develop a technical competency profile for engineering technicians at New Brunswick Department of Transportation that identifies the developmental and career path for engineering technicians levels I to IV. Work on this project began in November 2002, with a workshop of twelve participants, discussing the key areas of competencies. Over the following 15 months, input was received from subject matter experts, a departmental technical review committee and the national standards developed by the Canadian Technology Human Resource Board. Yet to be completed is a review of the profile in light of the less populated/non-traditional technician positions within the Department. Following this the profile will be vetted by senior management and then presented to the occupational group within NBDOT.



The **NBCC- Saint John** has completed the new "biennial review" accreditation process and the Canadian Technology Accreditation Board (CTAB) of the Canadian Council of Technicians and Technologists (CCTT) granted **National Accreditation "technologists" status for the Industrial Control Technology program.**

(in photo left to right)

Mauricio Hernandez, Mark Nichol, Denise Colton, Jim Ricketts, Bruce Martin, NBCC-SJ Dean of Technology Aline Muntro receives certificate from NBSCETT Executive Director Ed Leslie.



At the recent ACETTPEI AGM, outgoing **President Ross Barnes, CET**, presented the Association's membership certificate to **newly certified member Brian Wall, CET**.

New ACETTPEI Partnership

In April 2004, ACETTPEI President Ross Barnes, CET signed an **affinity agreement with TD Meloche Monnex** to offer the members preferred group rates for home and auto insurance. TD Meloche Monnex is a national leading organization in affinity marketing and the largest direct-response property and casualty insurer in Canada, offering home and auto insurance to members of professional associations, university alumni, select employer groups and to clients of TD Bank Financial Group, as well as the general public. As a member of the (ACETTPEI) Association of Certified Engineering Technicians and Technologists of Prince Edward Island, members can enjoy savings through preferred group rates.

Visit their web site at www.melochemonnex.com/group/acettpei, where on-line quotes are available.

(photo left to right) Alain Thibault, Pres & CEO, Melcohe Monnex Inc., Lorraine Freeman, Mgr., Affinity Market Group, Meloche Monnex Inc., Ross Barnes, CET, ACETTPEI Pres., Sally Rollings, Acct. Exec., Affinity Market Group, and Jean R. Lachance, Executive Chairman, Affinity Market Group.



Call for Applied Science and Engineering Technology Accreditation Team Leaders and Program Evaluators NSCETT/SttagN-B=Provincial Accreditation Board (PAB)

TEAM LEADER / PROGRAM EVALUATOR

The Provincial Accreditation Board (PAB) of the New Brunswick Society of Certified Engineering Technicians and Technologists (**NBSCETT**) and the Canadian Technology Accreditation Board (**CTAB**) of the Canadian Council of Technicians and Technologists (**CCTT**) are seeking technology professionals from industry, government and academic sectors to serve as team leaders and program evaluators to assist in accrediting Applied Science and Engineering Technology programs at Canadian colleges/ Canadian Forces Schools of Military Engineering..

Participation in the national accreditation process is a joint effort carried out by CTAB, the constituent member associations/societies of the CCTT and other accreditation partner organizations such as the Canadian Society for Chemical Technology (CSCT). This activity depends on the efforts of motivated and qualified professionals and the support provided by their employers.

Volunteering time to the National Accreditation Program provides certified members of the profession the opportunity to contribute to the achievement of high quality educational standards of applied science and engineering technology programs.

CTAB is a standing board of CCTT. CTAB's purpose is to promote the advancement of applied science and engineering technology education. CTAB also assists academic institutions in planning their educational programs. CTAB, in partnership with NBSCETT and sister provincial associations and societies of CCTT, has accredited approximately 158 programs at 39 institutions across the country.

Application/Participation for Program Evaluator

Evaluator candidates are required for accrediting programs in all thirteen global disciplines of applied science and engineering technology training programs and certification. Participation in the national accreditation process by talented certified professionals will ensure that the requirements of industry and academics are addressed. Employer sponsorship and support is crucial for the recruitment of team leaders and program evaluators. Expenses related to training and accreditation visits are reimbursed by CM/CTAB. Prior to participation in accreditation visits, selected team leaders and program evaluators are required to attend a CM sponsored one-day training seminar.

APPLICATIONS /request information contact:

NBSCETT / SttagN-B

2 - 385 Wilsey Road

Fredericton, NB E3B 5N6

NBSCETT-SttagN-B members 'struck' from the Registry for non-payment of dues:

Shelley Allen, West Springfield; Allan Ayles, Salisbury; William J Brown, Miramichi; Rachelle Caissie, Dieppe; Todd E. Cole, Upper Sackville; Donald A Coles, Fredericton; Gary Constable, New Maryland; Mario Cormier, Anse-Bleu; Serge Cormier, Saint Paul; Martin J Cote, Oromocto; Patrick J Cunningham, Saint John; Paul L Duguay, Bathurst; Donald V Estabrooks, Riverview; Scott A Fairbairn, Killarney; Stephen C Fairweather, Hampton; Philippe Gagnon, Edmundston; Jason A Godfrey, Moncton; Stephen S Hartman, Fredericton; Nelson Horton, Miramichi; Paul R Jacques, Saint John; Mark Kierstead, Saint John; Michel Laroche, Edmundston; Leonce Larocque, St Maire St Raphael; Darren E Laskey, Fredericton; Paul A LeBlanc, Sussex; Martin Lebreton, Shippagan; Harry London, Saint John; Daniel J Lynch, Mauterville; Louisianne MacDonald, Fredericton; John A MacLean, Oromocto; Scott T McDermott, Saint John; Philip McGee, Fredericton; Pierre McIntyre, Oromocto; Leonard G Miner, Moncton; R Scott Mitchell, Fredericton; Michel Poirier, Shediac River; Jacqueline Richard, Cape Pele; Bruce Rippin, Cambridge-Narrows; Danny P Roy, Galloway; Bernard J Savoie, Campbellton; Russell D Sherwood, Moncton; James A Squires, North Tetagouche; Bradley C Stevenson, Nauwigewauk; Reigh Swezey, Fredericton; Jeannot Thibodeau, Moncton; Mark Thibodeau, Miramichi; James E Vaughan, Quispamsis; Brent J Veitch, Quispamsis; Chris Wilcox, Saint John; David Worsley, Sackville.



The **NBCC- Saint John Industrial Control Technology** program has been awarded National Accreditation (Technologist level) from the Canadian Council of Technicians and Technologists (CCTT). The faculty is required to submit a biennial report of the training program to the Canadian Technology Accreditation Board, through NBSCETT, which is reviewed by the interprovincial Board.

NBCC-SJ Dean of Technology, Aline Munro received the National Accreditation certificate from NBSCETT Executive Director Ed Leslie, while surrounded by the program staff (left to right); Al Shaheedi, P.Eng., Arliss Wilson, P.Eng., Fred Lawton, CET, Jack Watt, CET, Peter Corbyn, P.Eng., Dave Garnet, CET, and Brian Butts, BScEE/BA.

CCNB-Bathurst recently completed their biennial reviews and were granted National Accreditation certificates for programmes: **Techniques d'entretien industriel**, and, **Ingénierie du bâtiment**. Receiving the national Accreditation certificates from NBSCETT Executive Director Ed Leslie is Industrial and metals Department head Réjean Arsenault.



The **NBCC-Miramichi Environmental Technology** program (the first Environmental Technology community college program to receive national accreditation) has been granted the accreditation extension of Technologist level national Accreditation by the CCTT's Canadian Technology Accreditation Board through NBSCETT. Discussing technology programs and national accreditation at the certificate presentation is NBCC-Miramichi Principal Noreen Lobban, Environmental Technology Instructor Joel Corcoran, ASCT, and NB Lte. Gov. Herménégilde Chaisson.

2004 ACETTPEI Technologist Thesis Award Winners

Brian McLellan, CET, President of the Association of Certified Engineering Technicians and Technologists of Prince Edward Island (ACETTPEI) and Kelly Sampson, Vice President of the Association, were at Holland College recently to present their Technologist Thesis Awards to graduates of the College's technology programs.



The technical thesis, also referred to as the Applied Research Project, is a mandatory component of all accredited technologist level programs. The College's Architectural Technology, Civil Engineering Technology, Computer Engineering Technology and Electronics Engineering Technology programs are all Nationally Accredited by the Canadian Technology Accreditation Board of the Canadian Council of Technicians and Technologists. In recognition of the top thesis of the graduating classes, ACETTPEI presents these awards on an annual basis. Receiving the awards this year were: Architectural Technology - Tim Hamel. Tim received the award for his project on a Prototypical Design of a Gymnasium, investigating air quality, acoustics and flooring materials.

Civil Engineering Technology - Mike Trainor. Mike received the award for his project on the Redesign of the Peter Pan Intersection, exploring three design options focusing on traffic flow patterns. The development of horizontal and vertical alignments and storm drainage plans were components of the thesis.

Computer Engineering Technology (CET) - Tyler Austin and Justin Good. Tyler and Justin split their awards for a project on the Design and Implementation of a Trans-city Network.

Electronics Engineering Technology (EET) - Lloyd Kerry. Lloyd received the award for his project on Ultrasonic Depth Measurement and Data Acquisition.

picture (L to R) Tyler Austin, CET program, Lloyd Kerry, EET program, Kelly Sampson and Brian McLellan of ACETTPEI, Tim Hamel, Architectural Technology program, Justin Good, CET program and Mike Trainor, Civil Engineering Technology.



Du Mali au Nouveau-Brunswick

Tiécoro Keïta, étudiant en Technologie de l'ingénierie du bâtiment au CCNB-Bathurst

Originaire du Mali en Afrique de l'Ouest, Tiécoro a toujours voulu venir au Canada. Quand l'occasion lui a été présentée par le Programme Canadien de bourses de la Francophonie (PCBF), il a vite présenté son dossier à l'ambassade du Canada au Mali. Il ne savait pas où il étudierait au Canada, mais il savait dans quel domaine. Avant son arrivée chez nous, il ne connaissait rien du Nouveau-Brunswick, les seules villes qu'il connaissait étaient Montréal, Québec, Ottawa et Vancouver.

Au Mali, Tiécoro est employé par la fonction publique Malienne où il travaille à la Direction Régionale de l'Urbanisme et de l'Habitat de Tombouctou, une région administrative située à la porte du désert du Sahara.

Le Mali est un pays sahélien où la plus basse température que Tiécoro se rappelle est 2°C, une température qu'il trouvait très froide. Par le fait du destin, il se retrouve dans un pays où la température descend jusqu'à -40°C. Malgré un hiver très froid, Tiécoro semble très bien s'adapter à notre pays.

Sa participation aux diverses activités étudiantes fait qu'il est très apprécié de ses collègues. En plus de s'impliquer dans les activités étudiantes, il s'est impliqué comme bénévole dans la ligue de soccer intérieur du sportplex Richelieu de Nigadoo, voisin de Bathurst.

Tiécoro nous invite à visiter le Mali pour admirer le beau paysage très diversifié sous une température de 45°C à l'ombre.

.... from ED's desk *Edward F. Leslie, CAE - Executive Director*



The Society would like to be much more efficient with your membership dues. It is suggested that beginning in September 2004, the AtlanTECH newsletter will be forwarded via e-mail in .pdf format to all members, or, simply a URL address notice will be sent to all members notifying them of a new issue to be viewed/downloaded at the website. Please notify the office of your concerns with this initiative, and **MOST IMPORTANTLY** send a message immediately to the NBSCETT office to confirm your 'e' address. **Thank you for your consideration.**

La Société tient à faire le meilleur usage possible de vos cotisations. En ce sens, il est proposé que, à partir de septembre 2004, le bulletin AtlanTECH soit distribué à tous les membres par courriel en format .pdf ou par simple envoi d'une adresse URL indiquant où trouver le dernier numéro pour consultation ou téléchargement. Si vous n'êtes PAS d'accord avec cette façon de faire, veuillez-nous le faire savoir au bureau.

Merci de votre coopération.

Please remember we need all members to notify the Society when they have changed something in their profile situation: --- either they have changed employers, changed offices, become retired, become unemployed, or most importantly changed residence or phone numbers. Please consider: as the only information the Society has for contact to the members, is the information which we trust to be maintained appropriately by the professional members themselves = therefore if we can not contact you, there is vital information not getting to you! All members in all membership categories, and applicants are urged to remember to call/ fax/e-mail the respective Society office at their earliest convenience should they have any questions of activities, processes and/or policies ;.. our answering machine is on all the time.

Please; send us your E-address NOW! Thank you.

It was wonderful to meeting new members, and renewing acquaintances at the 36th Annual General Meeting, this past April 23, beginning with the Past President's Banquet and 'swearing in' ceremony, and the Members' Business Meeting, Saturday, April 24, 2004, at the Howard Johnson Moncton Plaza Hotel, Highfield Street.

MARK YOUR CALENDARS NOW = the 37th Society AGM will be held at the Fredericton Delta, Friday and Saturday, April 29-30, 2005.

Should you be the certified member in your organization who is required to make presentations, either within the company or to public/clients, or to participate in "trade show/expositions", contact the Society office to benefit from individual or group workshops on '**presentations made great**', and '**working a trade show**'.

Remember to use your designation whenever you sign your name = you've earned it; be proud!



On behalf of the members and Council, **President Roger J. Poitras, ASCT**, presented a token of appreciation to **Dan McLaughlin, CET**, for his many long years of volunteer support to the Society, at the recent AGM.

Dan (*unwrapping a wine decanter, stopper engraved with NBSCETT logo, at right in photo*) has been a Moncton District Councillor, as well as a Vice President and President of the Council, and most recently was also the provincial representative on the Board of Directors of the Canadian Council of Technicians and Technologists (CCTT).

NBSCETT '04 AGM "Tours": The Moncton Water Treatment facility tour guided by Manager, Rick Bennett.



Survol

En avril 1998, la Ville de Moncton, au Nouveau-Brunswick, a établi le premier grand partenariat public-privé du Canada en matière de filtration d'eau potable avec USFilter Operating Services (USFOS). Cette entente de vingt ans prévoit le financement, la conception, la construction, l'exploitation et l'entretien d'une usine de filtration d'eau potable de classe IV de 25 mgd.

Alimentée par le réservoir de Turtle Creek, l'usine de traitement d'eaux de surface dessert trois localités : Moncton, Riverview et Dieppe. Conçue, construite et exploitée par USFOS, elle répond entièrement aux normes de la Ville de Moncton (dont celle de limite de turbidité fixée à $> 0,1$ uTN, dix fois plus sévère que les normes canadiennes en matière de qualité de l'eau potable) et aux normes canadiennes en matière de qualité de l'eau potable.

Les 100 000 résidents de ces trois localités jouissent à présent d'une eau potable d'excellente qualité et moins d'un mois après la mise en service, ils signalaient déjà des améliorations considérables de cette qualité.



Overview

In April 1998 the City of Moncton, New Brunswick, awarded Canada's first major drinking water public-private partnership to USFilter Operating Services (USFOS). This 20-year agreement, calls for the financing, design, construction, operation and maintenance of a 25-MGD Class IV, drinking water filtration facility.

The surface water plant, which receives water from Turtle Creek Reservoir, serves three communities: Moncton, Riverview and Dieppe. The City of Moncton established a Turbidity standard of >0.1 NTU, ten times more stringent than the Canadian Drinking Water standards. The USFilter designed, built and operated WTP consistently meets and exceeds all the standards established by both the City of Moncton and the Canadian Drinking Water Quality standards.

The 100,000 residents of this tri-community area now enjoy high-quality drinking water and, less than one month after startup, reported significant improvements in quality.



Memo: to all NBSCETT / SttagN-B members

As the membership renewal invoices are sent out (November) for our professional designation fees, the Society endeavours to ensure that our member database is as current as possible. This database is of vital importance in our interaction with members as well as with other organizations including: other provincial associations, our national federation (CCTT), various levels of government, educational institutions and potential employers. Member "personal information" is not disclosed without your expressed consent; excluding the basic contact information for affinity program offers, and subsequent benefits to members and the Society, as per the membership application forms.

It is very important for the Society to maintain members' current contact information; please take the time to provide the Society with all contact information; noting the particular need for the email address(es). The ability to contact and provide information to members via email would save a great deal of time (and also a major expense for postage). The Society would also therefore be able to pass on important information in a much more timely manner. Please complete the data form below and return it to our office by fax or mail; or alternately you can send us an email with the noted data.

Member information Certificate # _____
Last Name: _____ First Name: _____ Initial _____

Discipline: _____ Date of Birth: (Day/Month/Yr.) / /
Designation (circle one): ASCT CET CTech

Designation: Technologist /Technician /Associate /TGIT /Student /Life /Honorary

General Contact information:

Mailing Address:

Street #/Apt.# _____ Municipality: _____
Province (if not New Brunswick) _____ Postal Code: _____

Telephone #: Residence: _____ Office: _____

Fax #Office: _____ Email: _____

Address Office: _____

Bill C-6: Privacy Act:

The Federal Government has established a Privacy Act which: *Recognizes individuals right to privacy of their personal information; *Recognizes the rights of organizations to collect, use or disclose personal information for legitimate business purposes; *Establishes rules for handling personal information. The Privacy Act mandates that NBSCETT/SttagN-B must confirm with its members, before disclosing any of your personal information to third parties. We carefully review any requests for information that we receive and only consider those, which we believe, are bona fide and will have benefits to our membership. At present the companies that are receiving contact information of members: are MBNA Canada, and Meloche Monnex.

Please complete the notice below, (circling choice A or B) and forward it to NBSCETT/SttagN-B office within the next 30 days or alternately send us an e-mail with the text of the notice and including choice A or B; otherwise we will consider that you have given consent for disclosure of your name and mailing address to Society selected third parties.

Notice to NBSCETT on disclosure of personal information

I _____
(Member's Name -please print)

a/ give NBSCETT/SttagN-B consent to disclose personal information; specifically my name and mailing address to selected third parties. **Or**

b/ DO NOT consent for NBSCETT/SttagN-B to disclose any of my personal information to third parties.

Member's Signature: _____ Date: _____

Dear NBSCETT/SttagN-B Members,

Please allow me to introduce myself, my name is Gordon MacDonald and I work with GBS Communications, a dealer for TELUS Mobility in Atlantic Canada. I am currently working with ACETTPEI on a group discount quote. It was suggested I should contact you about encompassing your group in the same program.

The group discount program is offered to professional associations and groups so they may use their combined buying power to receive a discount on new purchases. This is similar to group medical plans offered by insurance companies. **We offer members a 25% discount on all accessories when they activate with us. Some examples of accessory products included in the program are car chargers, leather cases, and hands-free kits.**

Individual accounts are set up as needed, either in the individuals name or their business name, depending on the situation. All individuals who give your group as a reference at time of activation will receive the discount offered to the group. As well, these activations will still be eligible for any currently offered promotions from TELUS Mobility.

We have had great success with this type of program in the past. **There is no cost for the group to enter in the program**, and there is no minimum number of new subscribers required to qualify for the discount. The discount is offered to the group as a whole, with no obligations.

I feel that both TELUS Mobility and NBSCETT can benefit from working together. If you have any questions about the promotion, or would like to receive more information, please contact me as listed below.

Gordon MacDonald
GBS Communications
TELUS Mobility
(o) (902) 367-5115
(c) (902) 940-3700
macdonaldgordon@eastlink.ca



"THE" website for HR managers searching for **"THE PROFESSIONAL"** certified technical staff; and **"THE"** site for resumé of CCTT Constituent Member organizations' members.

= www.cten.ca =

Dear NBCC Student;

Qualified NBCC students enrolled in full time applied science and engineering technology training programs may become the Society's **"Student Members"**, during their college term. Upon receipt of the annual membership renewal of \$10.00, the student will receive a wall certificate stating: *"Student Membership is granted to ...student's name..., and, is valid during enrollment in the applied science / engineering technology programs of the New Brunswick Community College."*; and, the student shall receive all regular information and publications of Society information and consumer affinity programs, as well as related professional development materials.

Maintaining membership within the Society during college and particularly upon completion as a "Technology Graduate In Training" is vital to an individual's certification and professional technology career.

Cher étudiant de CCNB,

Les étudiants qualifiés du CCNB inscrits à temps plein au Programme de formation en technologie de génie et de sciences appliquées peuvent devenir « **étudiants membres de la société** » pendant leurs études. Dès réception du renouvellement de la cotisation annuelle de 10 \$, l'étudiant recevra un certificat précisant ce qui suit : *Le statut d'étudiant membre est accordé à... (nom de l'étudiant) et cette qualité de membre est valide tant que l'étudiant est inscrit au Programme de technologie de génie et des sciences appliquées du Collège Communautaires du Nouveau-Brunswick.* L'étudiant recevra toutes les publications régulières de la Société et toute l'information sur les programmes ainsi que le matériel de perfectionnement professionnel connexe.

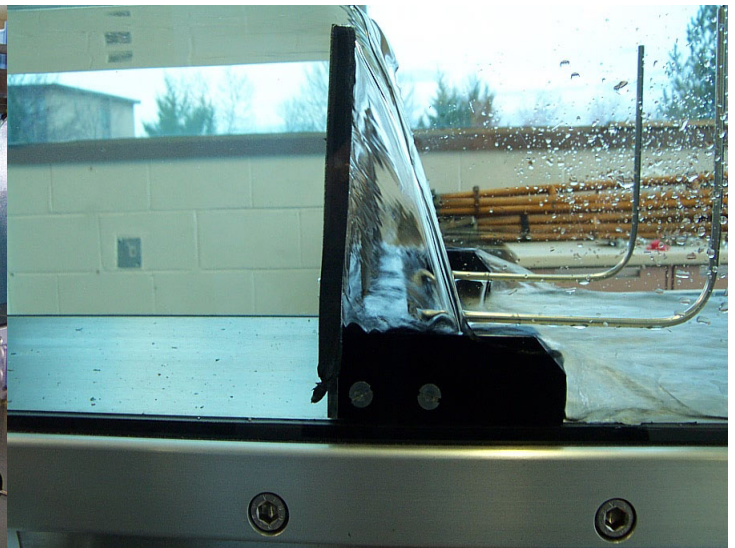
Il est essentiel de maintenir son adhésion à la Société pendant les études collégiales et surtout après l'obtention du titre de « diplômé en technologie stagiaire », pour maintenir la certification et pour poursuivre une carrière de technologie professionnelle.

Information / registration form: NBSCETT / SttagN-B Tel: 454-6124 e-mail: nbscett@nbscett.nb.ca

After the AGM 12 noon banquet on Sat., April 24th, members & guests were taken on a tour of the new wind and water tunnel facilities at the Université de Moncton.

At l'Université de Moncton, the hydraulic channel (a wind tunnel along with several state of the art equipment), is part of the fluid mechanics and hydraulic laboratories as well as the wind-engineering centre of the Faculty of Engineering. The 10 m long glass sided tilting hydraulic channel has a 30 cm width test section and will allow the simulation and study of river flows, and is equipped with a random wave maker to simulate all kinds of waves. Other small equipments demonstrate the study of water hammer behaviors in pipes; the study of pumps and turbines, and a water channel river erosions studies. The open circuit wind tunnel can reach maximal speeds of 75 m/s (270 km/h) inside the test section of 50 cm x 70 cm., which allows the study of the flow around model buildings, the study of the flow around airplane wings, the study of boundary layers, etc.

À la Faculté d'ingénierie de l'Université de Moncton, un canal hydraulique, une soufflerie et plusieurs autres pièces d'équipements à la fine pointe de la technologie font partie des laboratoires d'hydraulique et de mécanique des fluides et du centre de génie éolien de la Faculté d'ingénierie. Le canal hydraulique à pente variable ayant une section de 30 cm de largeur et 10 m de longueur utile permet de simuler les écoulements en rivières et est muni d'un batteur à vagues. Plusieurs autres petits équipements et appareils existent pour l'étude des pompes et des turbines et un canal permettant de simuler les problèmes d'érosion en rivières. La soufflerie à circuit ouvert permet d'atteindre des vitesses maximales de 75 m/s (270 km/h) à l'intérieur de la section d'essai de 50 cm x 70 cm qui permettra l'étude de l'écoulement autour de modèles de bâtiments, l'étude de l'écoulement autour des ailes d'avion, l'étude de couche limite, etc.



Auto insurance reforms starting to have an impact

Automobile insurance premiums and regulatory reforms have been in the news as of late, especially in Atlantic Canada where insurers and provincial governments have worked hard to develop effective solutions that are fair to all. **To find out more about the impact on our members we spoke with Alain Thibault, the president and CEO of Meloche Monnex, the insurer endorsed by the New Brunswick Society of Certified Engineering Technicians and Technologists.**

Why did automobile insurance rates rise so quickly in Atlantic Canada over the past couple of years?

Alain Thibault: There are numerous explanations for this phenomenon but the primary one is that the personal property and casualty industry went through some very difficult times. The number one factor for the poor industry performance was the rapid increase in bodily injury claims resulting from automobile accidents. For example, in 2001 and 2002 the returns on capital industry-wide were a mere two per cent. This is neither sufficient for the long-term sustainability of the industry nor for the security of our clients who want to know that their insurance is in safe hands.

Are people driving more aggressively, therefore causing more severe accidents?

Alain Thibault: The rise in claims is more likely to do with changing social attitudes towards Court settlements. Even factors such as a lagging economy will have an impact on client decisions to seek higher claim awards.

What was the immediate impact of increased claims costs?

Alain Thibault: In order to offset these increasing claims, rate increases occurred in most provinces. Some regulators then initiated rate freezes or rollbacks while reform was discussed. In Northern New Brunswick, for example, government-imposed regulations required insurers to maintain an inadequate rate structure that could not support the rapidly increasing losses. This then resulted in reduced availability of insurance, regrettably forcing many individuals to obtain insurance from the Facility Association – the industry pool for high-risk drivers.

But now we hear news about improved results for the insurance industry while consumers are still faced with rising rates – why is that?

Alain Thibault: First, insurance rates have been frozen in both New Brunswick and Nova Scotia since mid-2003, as a result of pending regulatory reforms. And, as I said earlier, after a long turbulent period stability is necessary for our industry's long-term sustainability. Improved financial results will allow us to reinvest in our technology and processes

enabling us to offer competitively priced products to our clients.

What is the current status of automobile insurance reforms in Atlantic Canada?

Alain Thibault: Following the regulatory changes introduced in New Brunswick in August 2003, thousands of New Brunswick drivers have received around \$23 million in premium reductions and reports are showing that premiums paid by consumers have been dropping since last July. Furthermore, more than 7,500 drivers have been removed from the higher priced Facility Association. We believe the situation is also improving in Nova Scotia and that the reforms implemented are successfully contributing to the reduction of rates.

This is good news for drivers, as it should lead to a return to a more competitive insurance market in Atlantic Canada.

What about the public insurance scheme that we have heard about?

Alain Thibault: Yes some groups have advocated a public insurance system for the region. Estimates are that it would cost the New Brunswick government between \$80 million to \$100 million to implement such a system. A joint provincial council has already concluded that the establishment of a public insurance system for Atlantic Canada is not a solution to the region's insurance dilemma. We also believe that a public system is the wrong approach. Insurers have reminded the government of the value of private insurance which provide more choices and greater benefits than public monopoly systems. The Industry recommends pursuing other options to resolve availability and affordability concerns.

I think we need to give the current reform measures time — we have already seen positive results.



NBSCETT-SttagN-B honoured their 25 year (& plus) members at the 2004 Annual General Meeting

Some of the 25 Year + members in attendance at the 2003-'04 Annual General Meeting in Moncton were: **Gary Bastarache**, CET (28 yrs); **Kenneth C. Brown**, CET (36 yrs); **James W. Carter**, CET (36 yrs); **Robert G. Clarke**, CET (36 yrs); **Paul G. Cormier**, CET (25 yrs); **Dale Dorcas**, CET (33 yrs); **Douglas Ellis**, CTech (32); **David E. Furge**, CET (29 yrs); **Gary Gillis**, CET (34 yrs); **Rheal Hebert**, CET (25 yrs); **Charles G. Hoyt**, CET (36 yrs); **Robert W. Jewett**, CET (32 yrs); **Lance C. Jones**, CET (25 yrs); **Elaine Lapointe**, CET (25 yrs); **Frederick Lawton**, CET (26 yrs); **Ronald J.G. LeBlanc**, CET (28); **Arthur M. Love**, CET (35 yrs); **Harold M. Mallory**, CET (37 yrs); **Eldon W. Rogers**, CET (36 yrs); **Andrfeuw Stockton**, CET (26 yrs); **Martin Topt**, CET (29 yrs); **Peter Vaughan**, CET (35 yrs); and, **John H. Wadman**, CET (37 yrs).



NBSCETT Member Of The Year - 2003 V. June Connell, cCT, CET, MCIC

The NBSCETT Member OF The Year - 2003 as a wife and mother, one day decided to change her career path and went back to school. It wasn't easy; the going to school and taking care of a family, and as a parent of small children she also had the demands of participating in Cubs and Brownies; she went to college, she was a student representative, she got honours, and she has become very noted and respected in the work world. That school part was very successful despite being out of the education system for over 17 years, but our Special Member received the International Award of Achievement for scoring the highest marks on the New Brunswick G.E.D. test in 1990, and also while in the New Brunswick Community College-Saint John pre-technology course in '92 received the Johann Wordel Scholarship. While in college she was the Student Council representative for the Chemical Engineering Technology program at the NBCC-Saint John, and was also the President of the Student Chapter of the Canadian Society of Chemical Technologists. At the graduation ceremony in '94 she was one of two valedictorians, and for both the first and second years of her training she was on the Principal's Honour Role. Following college, this member was employed with the Department of the Environment, Investigation and Enforcement Branch, and is now NBPower's Technical Specialist, Operational safety & Licensing, Point Lepreau Generation Station, assuring that NBPower is licenced to maintain and operate the PLGS, and identifying opportunities for public consultation on new Acts, Regulations, standards, policies and guides.

As far as the Society is concerned, this member has not been idle; she worked "step-by-step" with Richard P. Jackson, in efforts to grow the Saint John Branch, increase membership and members participation in the Saint John District, and particularly within the Chemical technology ranks; and, as Chair of the Human Resource Committee, she and Richard brought forward the Society's visioning session and the new Governance Statement.

It gives me (Roger J. Poitras, ASCT - President) great pleasure to announce the honour of the NBSCETT Member of the Year 2003 to **V. June Connell, cCT, CET, MCIC**.





The New Brunswick Society of Certified Engineering Technicians and Technologists - NBSCETT, Société des techniciens et des technologues agréés du génie du Nouveau-Brunswick- SttagN-B has a more efficient **new offices at 2-385 Wilsey Road, Fredericton.** (clock-wise from top left)- Administrative Assistant Sabrina Pineau at reception window; Sabrina with Executive Assistant Jennifer Doucette in main office; Registrar Ken Brown, CET and Ron J.G. Leblanc, CET Assistant Registrar, in their office; the Boardroom, and, Executive Director Edward F. Leslie, CAE

