



MLT

Analyzer

2002 

Volume 33 Issue 1

January - February - March



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Edna Smith

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<http://www.nbsmlt.nb.ca>

Message from the President

Hi everyone and welcome to a new year with the NBSMLT. Let me introduce myself - I'm Edna Smith - I work in Microbiology at DECRH in Fredericton. My husband Ken and our children, Shelley and Jonathan live on the beautiful and scenic shores of French Lake.

I look forward to meeting many of you over the next year and hope that by sharing ideas we can make our Society stronger and better known. Let's make a big effort this year for Med Lab Week and get ourselves out there so the public knows not only "Who we are, but What we do and Why we are an important part of health care".

The second year students will be coming to our hospitals soon for their 10 week practical and I hope we can show them our profession in a positive light. Let us take the time and patience to make this a learning experience for all of us. I wish all the students well on their exams!

Congratulations to those that have received their PDP certificates. I encourage everyone to fill in the form and send it in. It may surprise you how many credits you already have.

Thank-you, Colleen, for letting me tag along with you and for answering my endless

"dumb" questions. I look to "all of you" for your jewels of wisdom and guidance for this next year. Welcome to Janet Reid our new President Elect; thank you for joining the team.

Any problems? Questions? Don't hesitate to contact me.

Edna Smith, MLT RT
President NBSMLT



Thought for the day:

Learn from your failures and don't be afraid to fail often.

Anonymous



Announcements

President Elect 2002

Meet Janet Reid, currently our CE Chair, Janet has accepted the position of President elect for 2002. This position was vacated when Rachelle Dupuis accepted a position in the Far North, in Inuvik. Though we will miss Rachelle, Janet brings both experience and enthusiasm to the position. Her biography was featured in Volume 31 Issue 4, December 2000.

NOTE:

Nominations for NBSMLT President Elect 2003, who advances to President in 2004, are still open. See your area director for nomination forms. Deadline for nominations June 15, 2002

Reinstatement opportunity for the year 2002

CSMLS is offering a no-penalty reinstatement opportunity for the year 2002. Lapsed former members can reinstate their membership by completing an application for reinstatement and submitting the appropriate fees for their membership category for 2002. The fee for active practising members with Professional Liability Insurance is \$130.64

Reinstatement forms are available by contacting:

Lynn Zehr
CSMLS
P.O. Box 2830, LCD 1
Hamilton, Ontario
L8N 3N8
FAX: (905) 528-4968
E-Mail: lzehr@csmls.org

Or visit our web site at www.csmls.org



Canadian Blood Services, New Brunswick Centre is seeking applications for the position of Medical Laboratory Technologist II (Casual).

POSITION SUMMARY: Working under the direction of the Laboratory Manager, the incumbent will be responsible for performing routine tests and documenting results as well as performing routine maintenance on equipment. Scheduled hours of work will vary and are based on a Monday to Sunday scheduling period, with no overtime premiums for weekend or evening shifts. On-call duties may be assigned.

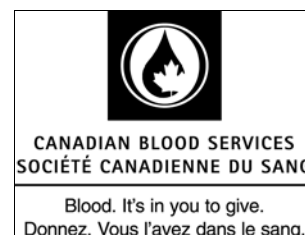
QUALIFICATIONS: Minimum qualifications include successful completion from an approved school of medical laboratory technology and registration with the Canadian Society for Medical Laboratory Science and the New Brunswick Society of Medical Laboratory Technologists. Bilingualism is an asset. The ability to work within a highly structured framework in a regula-

tory environment is essential.

If you would enjoy being a part of a dynamic team, please forward your résumé to:

Human Resources
Canadian Blood Services
PO Box 1259
Saint John, NB E2K 4G7
or fax (506) 648-5131
or e-mail NewBrunswickFB@bloodservices.ca

For more information about Canadian Blood Services, please visit our website at www.bloodservices.ca.



Congress 2005 has a Name:

Navigating the Tides of Change

Paula Steeves and Marty White will each be receiving an NBSMLT mousepad for their suggestions which resulted in our Congress name.

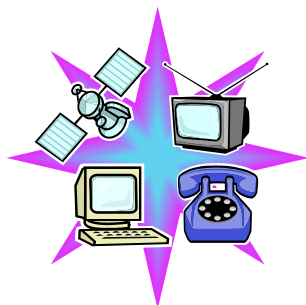
Now we need a logo..

Please submit your ideas or designs not later than April 15, 2002 to the Congress Committee c/o Susan Atkinson at the Georges Dumont Hospital, Hematology or Bernadette Muise at the Moncton Hospital, Transfusion Medicine.

Advisory Committee on the Regulation of Professional Practice Annual Report for 2001

I must first thank all the dedicated members of this committee for their dedication to all the tasks at hand. Their devotion, hard work and inspiration were the reason that so much was accomplished. The members were: Colleen Moran, Marty White, Carol Connors, Marielle Lagace, Myrna Gunter, Trudy Charles-Young & Bea Latour.

The committee held 3 teleconferences, 1 marathon face to face weekend meeting and many, many correspondences done by way of e-mail.



This committee is the product of a natural evolution. There are members who have steadily worked on the tasks faced by this committee since its inception and have nurtured it through its formative years. It started out as a sub-committee of the Continuing Education Committee with a mandate to look at developing the NBSMLT's professional development program and now has evolved into a very active advisory committee to the Board Of Directors as required by our ACT. The other advisory committee, decreed in our ACT, is the Advisory Committee on the Education of Medical Laboratory Technologists. Since our Province has two MLT programs, one in each official language and both with degree outlets, and since the education of MLT's is a high priority and responsibility of the Society as the Regulatory Body, this committee will become as of 2002 a fully independent advisory committee that will report directly to the BOD. Marielle Lagacé, our representative to the CSMLS Council on National Certification (CNC), has agreed to be its Chair. The two committees for the last two

years have had members, who due to their varied responsibilities, have actually served on both committees. This will cease at the end of this year as the two become fully independent.

The following is a summary of the major issues that were addressed in 2001:

1. The Terms of Reference for the ACR&PP, the Advisory Committee on the Education of MLT's & the Point Of Care Training Committee were developed and approved by the BOD this year.

2. The Professional Development Program was revised and approved and is now offered on a voluntary basis. Any information that you would require to complete the program is now available through your Academy or on our Web site, in both English and French. In October, 26 certificates were issued to the members who completed the program and their names have been published in the Analyzer. Congratulations are extended to them for their willingness to demonstrate their interest in the life long learning process required of our profession. Any feed-back would be appreciated and can be communicated to the committee directly or through your local Academy.

3. The second major task, that is still on-going, has been to develop and get approved the NBSMLT's Re-entry and Refreshing requirements for our profession here in NB. This is now of critical importance due to the impending shortage of MLT's. It also has been preparing a list of recommended courses and developing the Rules that would apply to implementing these requirements. These have been submitted to the BOD and the Legislative Committee for review.

4. The topic of how we should review, assess and approve a technologist's prior learning (PLA) was recently investigated when Marty White and Janet Kingston attended a National PLA con-

ference in Halifax in October 2001. This issue will be addressed on an ongoing basis and in partnership with the CSMLS. It is of high importance, due to professionals returning to the profession and who wish to upgrade their skills or working professionals who desire to go on to complete their baccalaureate in medical laboratory science.

5. The CSMLS is currently developing the competencies required in order to once again certify laboratory assistants. This issue must be reviewed on an ongoing basis here in order to stay current with the issues and to be sure that we know how or if this will have an impact here in the province. We reviewed the current issues and the committee will continue to do so in the future.

6. Position statements on Competency and Entry level are in the process of being developed and should be completed and sent to the BOD in 2002.



Once again as I resign all my current positions with the NBSMLT after 7 years in order to commence as your CSMLS Bilingual Director in January 2002, I wish to say thank you for the opportunity of serving you and to strongly urge all of you to volunteer in any capacity that you are able. The learning experience for me has been so very rewarding and worth every minute of the time that I gave.

Respectfully submitted,
Susan Atkinson ART, MLT
ACR&PP Chair

Publications - Annual Report 2001

During 2001, the editor of the Analyzer, Krista Patriquin, due to a change in employment, resigned her position. Bernadette Muise assumed the position, on a temporary basis and a notice was placed in the Analyzer inviting interested parties to submit a proposal regarding the position of Editor.

To date there have been no submissions. Bernadette Muise continues to act as editor.

The format of the Analyzer was changed slightly and the AGM reports were printed in the first issue of the year, prior to the Annual General Meeting. This change allows the membership the opportunity to read the reports before the AGM. The membership is provided with more time to prepare any questions they may have for the various committees during the AGM. As a consequence, the Annual General Meeting was able to be more focused on business rather than

reading of reports.

With the current editor, there have been 4 issues published this year for a total of 64 pages each language, an increase in number of pages over the previous year. In 2001, each issue has been produced on time and only slightly over budget. The cost overrun was due to the purchase of a software program to allow the newsletter to be produced in a pdf (portable document file) format.

Translating costs have increased as well as the printing cost per issue. We have changed translators and are looking at another printing service, but as the quantity and complexity of articles improve, these costs will continue to rise. We are hoping to publish the Analyzer on the NBSMLT website in 2002, in a pdf format which will be downloadable. When this change occurs, computer users will most likely be able to read the newsletter online or download and print it from

their own computer.

This may reduce costs by decreasing the number of copies printed and mailed to the membership. The pdf files can be read using the Adobe Acrobat Reader, which is free downloadable software. As always, this is your newsletter and submissions are welcome.



Respectfully submitted:
Bernadette Muise
Publications Chair

CE Committee - Annual Report 2001

The CE committee held two meetings in 2001. We discussed our strategic plan as developed in response to the restructuring of responsibilities following the formation of the advisory committee on regulation and professional practice (ACR&PP) and the implementation of the voluntary PDP (Professional Development Program). We worked on defining our role and planned our approach to our new responsibilities.



The following is a list of what the CE committee is presently involved in:

1. Planning continuing education activities within academies and provincially for members (APSC, workshops, lectures, education days).
2. Providing information on the PDP (submission forms, mentoring).
3. The provision of documentation for CE activities in support of the PDP program (including assessment for PDP and PEP credits).
4. Providing information on various educational programs, such as PEP, CPS, ART, and BMLS.
5. Supporting the CPS program nationally through involvement in course assessments for CPS credit.
6. Publication of PEP certificate recipients in the newsletter.
7. Maintaining a current list of speakers with contact information.
8. Communicating with members in regard to their CE requirements and upcoming CE activities.

9. Developing resource material on CE funding options.

A CE questionnaire was published in "The Analyzer" and was available at the NBSMLT booth at APSC in an effort to get feedback on the specific needs of the membership. This questionnaire may also be circulated within academies in order to get ideas for workshops. The CE committee will be working with the Medical Laboratory Technology program at NBCC-SJ to plan provincial workshops in subject areas of interest to the working technologists in the province.

The development of a resource manual for conference planning is still in the works. The chair of the committee responsible for this is the president-elect, and the archived material will be organized into a manual. It is expected to be formatted within the next year (2002). Several educational activities took place

(Continued on page 5)

(Continued from page 4)

during 2001. A highly successful APSC was held in Saint John, with 20 exhibitors and approximately 140 attendees from throughout NB, NS, and as far as Thunder Bay and Newfoundland.

Many academies held lectures during Medical Laboratory Week and the North Shore academy held a one-day workshop course on "Peripheral Blood and Bone Marrow Morphology". The Moncton academy also held two education days, one at the Dr. G.L. Dumont Hospi-

tal and one at the Moncton Hospital each consisting of two English and two French lectures. Many technologists in the province have been busy taking courses and our province continues to lead the way (proportionally) in CE activity through the CSMLS.

Several technologists from the province attended the CSMLS Congress in St. John's, Newfoundland. Much of this was made possible through sponsored grants from academies and the NBSMLT.

The CE committee will be working hard in 2002 to develop more CE activities for our members.

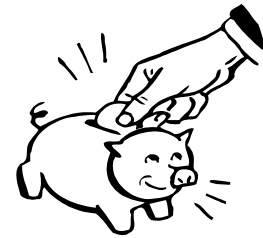
This should provide more opportunities to obtain the credits necessary to obtain a PDP certificate. I encourage all technologists to try to achieve this CE goal – it's easier than you think!

Respectfully submitted:
Janet Reid

Please note:

A treasurer's report is not printed in this analyzer, but a copy is available upon request. Please direct your requests to:

Janet Kingston, Executive Director
P.O. Box 20180
Fredericton, N.B. E3B 7A2
(506) 455-9540
e-mail: cvkingst@nbnet.nb.ca



Report for AGM 2002 From The President 2001

The year 2001 has come and gone, and it has proved to be a busy year for the NBSMLT. I would like to summarize the issues handled this past year, some of which you have read about in previous reports in the Analyzer.

Traditionally, this is when the President thanks all the volunteers and board members for their help, but it is only now that I truly realize the level of heartfelt thanks that this *Thank you* delivers. I will be forever grateful to the many people that have assisted me and the other board members in 2001. A very special thank you to Janet Kingston, for being there when I needed to call upon her. This job would be impossible without you!!

1. The PDP program was introduced on a voluntary basis and there have been several successful applicants. Information and application forms are available on the NBSMLT website.

2. The Human Resources Report published by CSMLS was made public and brought to light the issue of technolo-

gist's shortage across Canada. Many of you are noticing the affect of this shortage within your own workplace and ways to address the needs within our province will be under constant review.

3. The Mutual Recognition Agreement was signed in June. This agreement guarantees the portability of technologists within Canada.

4. Congress 2005 has been officially slated for Moncton. The Congress Committee is under way but is in need of a Scientific Chair. If you think you may be interested in helping in any way, please contact the Congress Chair, Susan Atkinson.

5. The person who is considered to be one of the founders of the training program and the NB branch of the *CSLT* passed away in June. Many of you had the pleasure of meeting Charlotte Lovatt, during Maritech *98 and our anniversary party.

In closing I would like to wish all the

best to everyone in 2002. Remember, your society needs your involvement in order to be successful. I hope some of you will become involved this year. I promise you an interesting and rewarding challenge.

Respectfully submitted,
Colleen Moran MLT, RT



Registrar's Report 2001

2001 Membership Breakdown:

MLT: (total)	647
Certified Registered (RT):	611
Certified Registered (ART):	27
Certified Registered (FCSMLS):	0
Non-Certified Registered:	9
Inactive:	3
Retired:	8

Members are reminded that when submitting your Registration Form each year, it is your responsibility to provide the number of practice hours for the previous calendar year. If unknown, the hours can be obtained from your Laboratory Manager, Human Resources or Payroll Department. Failure to provide these hours will result in a delay in processing your renewal. If you have questions about your practice hours, do not hesitate to contact the NBSMLT office at 506-455-9540.

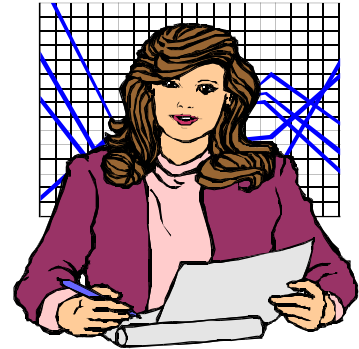
To ensure your registration records are current, please remember to check your personal and employment information before dating and signing your Registra-

tion Form. As per Bylaw 5.04, you must submit your Registration Form along with fees (including late fee, if applicable) by March 1st in any year or your name will be struck from the register.

Every year, a few members misplace their renewal notices and forget to mail in before the January 31st deadline. A possible solution for members who want to avoid paying the late registration fee of \$50.00 is to return the Registration Form with a postdated cheque as soon as you receive your notice in October.

Another thing to consider at renewal time is your professional liability insurance, which is provided through CSMLS. Insurance coverage ends December 31st (the end of the CSMLS membership year). If fees are not paid to NBSMLT by December 31st, you will not have insurance coverage until your payment is received. Members who do not pay until January 31st, the NBSMLT deadline, will not have liability coverage during that *grace period* (January 1 – January 31). For more information, contact the NBSMLT office.

NBSMLT issues a tax receipt for the full amount of dues paid, including the portion forwarded to CSMLS. Please remember to keep the receipt, which is attached to your NBSMLT membership card. NBSMLT charges \$10.00 for each duplicate tax receipt issued.



Respectfully submitted,
Janet L. Kingston, Registrar

Congratulations to the NBSMLT Members who have completed the requirements for the Professional Development Program



Angele Emond
Noelline Aube
Florence Theberge
Jeffery Justason
Brenda Grant Brideau
Lyne Pelletier
Louiselle Bellefleur
John Miller
Daniel Arseneau

Germaine Savoie
Armelle Comeau
Sylvie LeBreton Losier
Daniel Robichaud
Marie Sylvie Roussel
Diane Savoie Melanson
Fernande Duguay
Gina Losier

Congress Grants

The 2002 CSMLS Congress will be held in Calgary, AB. The NBSMLT Board of Directors will award two grants of \$1000.00 each to facilitate attendance at the national congress. The application form is enclosed. Please complete if you are interested.

As in the past, recipients will be chosen based upon their commitment, professionalism and service to NBSMLT (at any level). All applicants who have contributed to the Society (as indicated on the application) in any manner, and have not previously received this grant, will be considered equally. Recipients will be chosen at random from qualified applicants and will be notified in writing by the President as soon as the selection has been made.

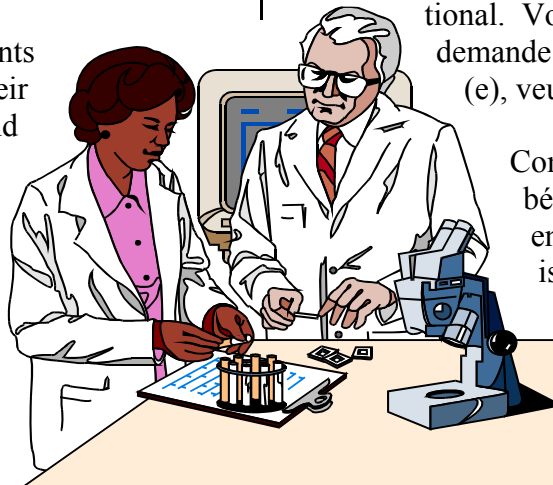
On occasion, the Board of Directors may find an applicant to be outstanding and award one of the grants to that individual. When completing your application, please remember to complete all sections since this may be the only information that will be available at the selection process.

**New Brunswick Society of Medical
Laboratory Technologists**

**Association des technologistes de
laboratoire du Nouveau-Brunswick**

Subventions pour le Congrès

La SCSLM tiendra son congrès de 2002 à Calgary, AB. Le Conseil d'administration de l'ATLMNB, a adopté une motion en faveur de l'octroi de deux subventions de 1000\$ chacune afin de permettre à deux membres d'assister plus facilement au congrès national. Vous trouverez une formule de demande attaché. Si vous êtes intéressé(e), veuillez remplir cette formule.



Comme par le passé, le choix des bénéficiaires sera fondé sur leur engagement, leur professionnalisme et les services qu'ils ont rendus à l'ATLMNB (à quelque niveau que ce soit). Seront examinées les demandes de tous les requérants qui, d'une manière ou d'une autre, ont contribué aux activités de l'Association (comme cela doit être mentionné dans la demande) et qui n'ont pas déjà reçu une subvention. Les bénéficiaires seront choisis au hasard parmi les noms des requérants admissibles, puis ils seront avisés par la présidente dès que les choix auront été faits.

Il peut arriver à l'occasion que le Conseil d'administration accorde une des subventions directement à une personne en raison de ses services insignes. N'oubliez pas de remplir toutes les parties de votre formule de demande, étant donné que cette formule sera la seule source d'information utilisée pour le processus de sélection.

**New Brunswick Society of Medical Laboratory Technologists
Association des technologistes de laboratoire du Nouveau-Brunswick**

**Application for Congress Grant
Demande de subvention pour le congrès**

Name/Nom _____

Home Address/Adresse du domicile _____

Home Telephone/Téléphone à domicile _____

Business Telephone/Téléphone au bureau _____

Place of Employment/Lieu d'emploi _____

Years of active membership in NBSMLT/Nombre d'années comme membre actif de l'ATLMNB _____

Previous grant/Subvention précédente Yes/Oui ___ No/Non ___ If yes, when?/Si oui, quand? _____

Professional Activities/Activités professionnelles

Academy/Au niveau de l'académie _____

Provincial/Au niveau de la province _____

National/Au niveau national _____

**Mail or Fax to: / Postez ou envoyez par télécopieur:
NBSMLT, P.O. Box 20180, Fredericton, New Brunswick, E3B 7A2
Telephone: (506) 455-9540 Fax: (506) 455-7491
Applications must be received on or before March 31, 2002
Toutes les applications doivent être reçus pour le 31 mars 2002**

CONGRÈS SCIENTIFIQUE PROVINCIAL ANNUEL

Les Sciences de Laboratoire : Un essentiel aux soins de santé



ANNUAL PROVINCIAL SCIENTIFIC CONVENTION

Laboratory Sciences: An Essential Link to Health Care



APSC 2002

Remember “Saturday Night Fever” and “Staying Alive”?

The committee for the APSC 2002, in Edmundston, is proud to invite you to our “Disco Tech Night”, on Friday May 3, 2002.



Come and let yourself be transported back to the 80’s, when Michael Jackson and Donna Summer were masters of the Disco hits list. Dancing and entertainment in a décor reminiscent of an eighties disco club will bring a flavour of the disco era to the evening.



Who sang “Girls just want to have fun”? Brush up on disco trivia and you might win a prize. Dress the part and the evening will be that much more fun! Clothes that glitter, wide belts, huge earrings, extra makeup.. or maybe the John Travolta look is more your style..

Prizes for the best disco costume, disco trivia knowledge, as well as door prizes to be won. Fun Guaranteed!

APSC 2002 Committee Members:

Coordinator:
Monique Desjardins Levesque

Academy Past President:
Sylvie Deschamps

Accommodations: Diann Roy

Exhibitors committee: Pauline Cyr

Treasurer: Barbara Leclerc

Registration committee:
Kathy Richard
Louise Lebel

Fund raising:
Aline Pelletier Martin
Angele Emond
Rachel Berube

Guest speakers committee:
Francine Volpe
Charlene Laforge

Pauline Turcotte
Louise Doucette

Social committee:
Janelle Levesque
Claire Turcotte
Francine Theriault
Charlotte Cyr
Monic Morin Long
Lise Ruest Clavette
Denise Pinette



CONGRÈS SCIENTIFIQUE PROVINCIAL ANNUEL
Les Sciences de Laboratoire : Un lien essentiel aux soins de santé

ANNUAL PROVINCIAL SCIENTIFIC CONVENTION
Laboratory Sciences: An Essential Link to Health Care



PROGRAMME PRÉLIMINAIRE / PRELIMINARY PROGRAM

Vendredi 3 Mai, 2002/Friday, May 3, 2002

***SESSIONS SIMULTANÉES /*CONCURRENT SESSIONS**

- 08:15 - 09:00 Inscription/Registration
- *09:15 - 10:15 1. Les profils lipidiques (Dr Ihssan Bouhtiauy – Biochimiste)
2. Interpretation of a Positive Direct Antiglobulin Test
(Eric Ching ART, MTASCP, SBB)
- 10:15 - 10:45** *Visites des kiosques / Viewing of exhibits*
Pause santé / Health break
- *10:45-11:45 1. Conférence bilingue/ Bilingual conference:
Sujet/subject: Hémocultures (Dr Pierre Harvey Microbiologiste Infectiologie)
2. Thrombophilia. . .The Clot Thickens
(Janet Milne - Clinical Application Specialist)
- 11:45 13:00** *Dîner / Lunch*
- *13:00 - 14:00 1. Comment gérer son temps pour diminuer le stress
(Brenda Fyfe Psychologue)
2. Conférence bilingue/ Bilingual conference
Sujet: Anthrax + autres, Subject: Anthrax + others
(Dr Pierre Harvey —Microbiologiste-Infectiologie)
- *14:15- 15:15 1. Nouvelles Tendances des Marqueurs Cardiaques
(Dr Ihssan Bouhtiauy - Biochimiste)
2. English conférence: (to be announced)
(Dorothy Harris - Transfusion Medicine, Canadian Blood Services)
- 15:15- 15:45** *Visites des kiosques / Viewing of exhibits*
Pause santé / Health break
- 15:45 - 16:45 1.Laboratory Investigation of Panagglutinins
(E. Ching -ART, MTASCP, SBB)
- 2000-2400** *Soirée *Disco Tech* Night*



Samedi 4 mai, 2002/ Saturday May 4, 2002

- 08:15 - 09:00 Inscription/Registration
- 09:15 - 10:15 1.Conférence bilingue/ Bilingual conference;
Sujet: (to be announced) (Dr Paul Clavette — Interniste)
- 10:15 - 10:30** *Pause santé / Health Break*
- 10:30 - 11:30 1.Dosage thyroïdiens et médecine nucléaire (Dr Gilles Lebouthillier —Nucléiste)
- 11:30 - 12:30** *Dîner /Lunch (commandité par; l'Académie d'Edmundston/ sponsored by the Edmundston Academy)*
- 12:30 - **Réunion générale annuelle /Annual General Meeting**

**L'ACADÉMIE RÉGIONALE
D'EDMUNDSTON**

Vous invite au nom de l'A.T.L.M.N.B. au
**CONGRÈS SCIENTIFIQUE
PROVINCIAL ANNUEL**
Les Sciences de Laboratoires:
Un Lien Essentiel aux Soins de Santé
Le congrès se tiendra les 3 et 4 mai 2002 au:

**THE EDMUNDSTON REGIONAL
ACADEMY**

On behalf of N.B.S.M.L. T. invites you to the
**ANNUAL PROVINCIAL SCIENTIFIC
CONVENTION**
Laboratory Sciences:
An Essential Link to Health Care
The convention will be held May 3 and 4, 2002 at:



**Howard Johnson
Hôtel Plaza et Centre des Congrès
Carrefour Assomption
100 rue Rice
Edmundston, NB E3V 1T4**



<p>Coût d'Inscription avant le 15 avril 2002:</p> <p>1 journée: \$25.00 3 mai <input type="checkbox"/> 4 mai <input type="checkbox"/></p> <p>2 jours: \$45.00 3 mai <input type="checkbox"/> 4 mai <input type="checkbox"/></p> <p>* N.B. Le samedi 4 mai un buffet chaud sera servi, gracieuseté de l'Académie d'Edmundston suivi de la réunion A.G.M.</p> <p>Après le 15 avril 2002:</p> <p>1 journée: \$30.00 3 mai <input type="checkbox"/> 4 mai <input type="checkbox"/></p> <p>2 jours: \$55.00 3 mai <input type="checkbox"/> 4 mai <input type="checkbox"/></p> <p>Vendredi le 3 mai à 20h00 vous êtes invités à la Soirée Disco Tech ...Habillement d'occasion du temps disco.</p> <p><u>INSCRIPTION</u> Nom: _____ Adresse: _____ Lieu de travail: _____</p>	<p>Registration cost before April 15, 2002:</p> <p>1 day: \$25.00 May 3 <input type="checkbox"/> May 4 <input type="checkbox"/></p> <p>2 days: \$45.00 May 3 <input type="checkbox"/> May 4 <input type="checkbox"/></p> <p>*N.B. A hot buffet, sponsored by the Edmundston Academy will be served on May 4 followed by the AGM.</p> <p>After April 15, 2002:</p> <p>1 day: \$30.00 May 3 <input type="checkbox"/> May 4 <input type="checkbox"/></p> <p>2 days: \$55.00 May 3 <input type="checkbox"/> May 4 <input type="checkbox"/></p> <p>Friday night May 3, at 20h00 you are invited to a Disco Tech Night...Dressing disco style</p> <p><u>REGISTRATION</u> Name: _____ Address: _____ Workplace: _____</p>
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Envoyez un chèque ou mandat-poste à:

Send cheque or money order to:

**Académie Edmundston CSPA 2002
a/s Barbara Leclerc
Corporation Hospitalière de la Région 4
275, boul. Hébert
Edmundston, NB E3V 4E4**

Pour réservation à l'Hôtel Howard-Johnson:
Tél: 1-800-576-4656
1-506-739-7321
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Academy Reports

Edmundston Academy

We have had four academy meetings this past year. They were held February 27, April 19, May 16, and September 27.



During Medical Laboratory Week, we had a photo and article put in the newspaper Le Madawaska about our profession, a supper along with a mini confer-

ence was given on skin care, and honored those who had 20 and 25 years of service.

In May, four technologists attended the APSC in Saint John.

In June, we had a Career Day, where 5 technologists participated in the activity.

In September, we had Senior Citizen Day, where 7 technologists participated in that activity.

Regarding continuing education: a total of 18 teleconferences were available to the personnel throughout the year. One of our technologists, Kathy Richard, gave a mini presentation on mononucleosis. Three technologists have added up their credits and have sent them to the com-

mittee to get their certificate for PDP. We have set up a filing system in the laboratory, for each technologist, where they can easily write down the teleconferences, reunions etc, and keep it up to date without any hassles. A bulletin board has been set up specifically for continuing education.

Our next meeting will be January 14, where there will be elections for the new executive 2002/2003.

The planning for APSC 2002 is continually in motion.

Diann Roy,
Edmundston Area Director

Fredericton Academy

A new Executive took office this year and 2 academy meetings were held in January and June. The new executive members are:

President – Jeff Justason

Vice President – Kathy Penney

Secretary – Barb Canavan

Treasurer – Donna LeBlanc

Other academy representatives are:

CE - Adrien LeBlanc

PR — Ralph Searle

Area Director—Martha White

The APSC 2003 committee was also formed and has held 2 meetings.

Med Lab Week was celebrated with the usual cake and tea party. We also had guest speakers and a display at the mall. Speakers included Organ Transplant Coordinator Mary Lou Springer, Edna

Smith and Anne Galloway on our past environmental problems, and Dr. Peter Leighton on “Prions”.



Thanks to the ongoing efforts of the fund-raising committee we were able to give 3 -\$500 grants to Dale Tozer, Mary Hamilton and Janet Crawford to attend National Congress in St John's, NF.

Technologists also participated in the hospital Career Fair with a booth and tours of the lab. Several students seemed

interested in our career.

We held a Glucometer day again this year but with fewer participants than last. It was disappointing, as several technologists had offered to help out.

Edna Smith repeated the presentation, which she gave at APSC and Med Lab Week, “When The Air You Breathe Makes You Ill” so that anyone who had missed it previously could attend.

Several technologists from our region received their first PDP certificates and Kathy Penney received her CPS.

Respectfully submitted,
Martha White MLT, RT

Saint John Academy

The Saint John Academy hosted APSC this year, with a very good turnout and a comfortable profit. There has been much discussion as to the dispensation of this profit and we have a meeting scheduled for Jan. 30/02 to discuss this. Also on the agenda for this meeting is the election of the academy executive, long overdue. Some of these positions have been filled

on a voluntary basis for some time and we hope to formalize the executive and move forward this year.

Janet Reid has accepted the honour of serving as president-elect for the society, and recruiting for a new CE rep will have to be addressed, as she will not be able to fulfill these duties concurrently.

We look forward to the new year ahead

with some new faces in the academy.



Respectfully submitted by:
Randy Thornhill

Academy Reports

The Moncton Academy

The Moncton Academy has been more active this year than usual; marking what we hope is a renewed interest in Society business.

Our elected officers for 2001 were:

Rachelle Dupuis: President
Tracey Noddin: Secretary
Virginia Coles: Treasurer
Charlene Collins: Public Relations
Marie Josée Duchesne: Continuing Education
Bernadette Muise: Area Director

Business meetings were held in February, May, August, and October. We had a potluck BBQ social event in June. We held 2 successful Education days in 2001. In April, at the Georges L Dumont Hospital, an Education Day was held with presentations in French from Dr. Maicas about Flow Cytometry cases and Dr. Robichaud about HELLP syndrome. The English presentations were given by Dr. Michelle Sapp in Forensic Pathology and by Sandra Rooney about Risk Management. There were 16 technologists in attendance. In September, at the Moncton Hospital, 20 technologists gave up

their Saturday morning to hear Guylaine Michaud and Rhona Leger speak about the Baccalaureate program in Medical Laboratory Technology now being offered at the University of Moncton. Dr. Louise Thibault gave a presentation on the West Nile Virus. Gisele Rushton spoke about Myelodysplastic Syndrome and Edna Smith came from Fredericton to share her experiences with us about Sick Building Syndrome.



We were pleased with the attendance and hope to continue to arrange these educational events for our members. Five NBSMLT Professional Development Certificates were awarded to technologists from the Moncton Academy.

At our October meeting, some new officers were recruited for the Academy executive and we have some returning

members to provide continuity. An information sheet outlining the purpose of the Academy, suggested meeting schedule and length of terms of office was produced.

Academy Officers for 2002 are:

Randi Hayes: President
Linda Richard: Vice President
Tracey Noddin: Secretary
Virginia Coles: Treasurer
Charlene Collins: Public Relations
Marie Josée Duchesne: Continuing Education
Bernadette Muise: Area Director

The Laboratory technologists of the Moncton Area have again shown the true meaning of Christmas by contributing to various local charities such as the Tree of Hope and Moncton Headstart and Sue Stultz's annual Christmas Turkey drive. Rachelle Dupuis, our President elect NBSMLT 2002 has been offered and accepted a position in the Far North. We wish Rachelle and Truman the best of luck in their new life in Inuvik.

Respectfully submitted by
Bernadette Muise

North Shore Academy

During the year 2001, we had 3 academy meetings and many conferences.

In February at the hospital in Bathurst, the pathologist, Dr. Sebastian Karavathayil presented; Review and update on peripheral blood and bone marrow morphology.



In April at Bathurst, Dr. Robert Desjardins presented, L'anesthésie démystifiée; Dr. Alfonso Gomez, Différents aspects de la chirurgie plastique; Dre. Celine Poirier, La diabète gestationnelle and in Campbellton the pathologist Dr. Zhang presented a session on the Bone Marrow.

During our National week different hospitals held many activities promoting our profession such as: a stand at the local mall, radio interview, distribution of pamphlets, spaghetti supper, open doors for the public and the hospital employees, etc...

The Bathurst hospital laboratory was chosen among the 3 best groups to submit their nomination for the prestigious 2001 public relation award.

Denise Bushey received the Joan Kennedy award from the NBSMLT at the Annual Provincial Scientific Convention which was held in Saint John.

Last fall, some laboratories held a special day for outpatients, glucometer maintenance and calibration by technologists.

Our executive for 2002 :

President : Line Ouellet
Vice President : Gaston Gagnon
Treasurer : Daniel Arseneau
Secretary : Sylvie L. Losier
Area Director : Germaine Savoie
Continuing Education : Lisette Vienneau
Public Relations : Lyne Pelletier

Respectfully submitted by
Germaine Savoie

Miramichi Academy

No report available.



Past-President Report 2001



As I write this report I have one day remaining as a member of the NBSMLT BOD. After six years full of opportunities to work with such dedicated medical laboratory technologists, not only here, but across this country, this is a difficult moment. I strongly urge all of you to volunteer in whatever capacity that you can for your Society, the rewards are innumerable, especially the opportunities to learn.

In 2001, there were three principle issues for this year's past president.

1. The work with the labour mobility consortium to produce a document before the July 1st 2001 deadline as completed with all participants signing except for Quebec. This document

is a public document and a copy is available through the Executive Director. There are still two issues that are as yet incomplete and when completed it will require the signing of a new agreement. The issues are: the equivalency of the Quebec program to the CSMLS national exam and the issues arising out of the variation in provincial occupational standards and requirements for the practice of cytology, cytogenetics and genetics across Canada. There were two consultants hired to address these issues and the reports were discussed at November 2001 meeting. If a new agreement is ready for May 2002, it will be signed at the Annual Regulatory meeting that is held during Congress.

2. As chair of the Nominating Committee, there were a number of positions to be filled including President-elect. Unfortunately, Rachelle Dupuis who was nominated, resigned as she

has moved to Inuvik in the far north but the Committee has appointed Janet Reid, current CE Chair, as her replacement. Our Lay-member also resigned due to personal reasons. A list of candidates has been sent to the Provincial Government for final selection. All other committees have recruited or had their new members appointed at this time.

3. The third responsibility was a Chair of the Advisory Committee on Regulation and Professional Practice and that will be a separate report.

I again would like to thank you for giving me the opportunity to serve you these past six years.

Respectfully submitted,
Susan Atkinson ART, MLT
Past-President NBSMLT

Editor's Note:

The deadlines for submissions for 2002 are :

Issue #2 **May 13, 2002**
Issue #3 **August 12, 2002**
Issue #4 **October 21, 2002**

Please send submissions to:

Bernadette Muisse
Transfusion Medicine
The Moncton Hospital
135 MacBeath Ave, Moncton NB
E1C 6Z8

Email-Analyzer@nbnet.nb.ca



Some of you, while perusing the NBSMLT website, may have noted that the last issue of the Analyzer has been posted. This issue will be sent to the webmaster to be posted in both French and English. Any feed back would be appreciated. The communication process is a two way street.

Loan Library material is available from Janet Kingston at the NBSMLT Office or by contacting your Area Director. Material is free of charge, though the return shipping must be paid by the borrower.

Consider this option for PDP credits.

The subjects for which we have material include:
Interdisciplinary Management
Clinical Chemistry
Clinical Microbiology
Cytology
Genetics
Hematology
Histotechnology
Immunology
Transfusion Science



What the heck is PCR Anyway ? (Part 1)

Gilberte Caissie

I have been recently hired by the Southeast Healthcare Corporation to set up a Molecular Biology Laboratory. I have been asked to write a few columns on Molecular Biology. Everyone has been exposed to the word PCR in some way or another. My goal is to try to make everyone have a better understanding of molecular biology, by explaining the principle different technologies, assays and their applications in the routine clinical laboratory. Just to put you in the mood, the first column will emphasize the definition and application of PCR and a review of basic DNA principles.

First let's start with a little background. PCR stands for Polymerase Chain Reaction and was invented in 1983 by Kary Mullis who worked at the Cetus Corporation at the time. Since then it has become an extremely important molecular biology technique with direct applications in genetic research, medicine and forensics. PCR has been such a leap forward in molecular biology techniques that Kary Mullis shared the Noble Prize in chemistry in 1993.

PCR works in a very specific manner, amplifying a desired sequence of DNA, potentially billions of times. For example conventional procedures for the detection of pathogens are based on 2 techniques: growing the organisms in culture and detecting their presence of antibodies. Both of these methods have disadvantages. Growing organisms in culture is effective, but very time-consuming (example: Bordetella pertussis may take up to 7 days to grow). The use of antibodies is more rapid, but relatively insensitive. Obviously, speed and accuracy are of paramount importance, therefore the PCR method is of great assistance in pathogen detection. As with many other disorders, mutations play a major role in cancer formation. These mutations can be inherited, bringing with them a predisposition to the cancer. Knowing the nature of the mutation is important for diagnosis and therapy of the cancer.

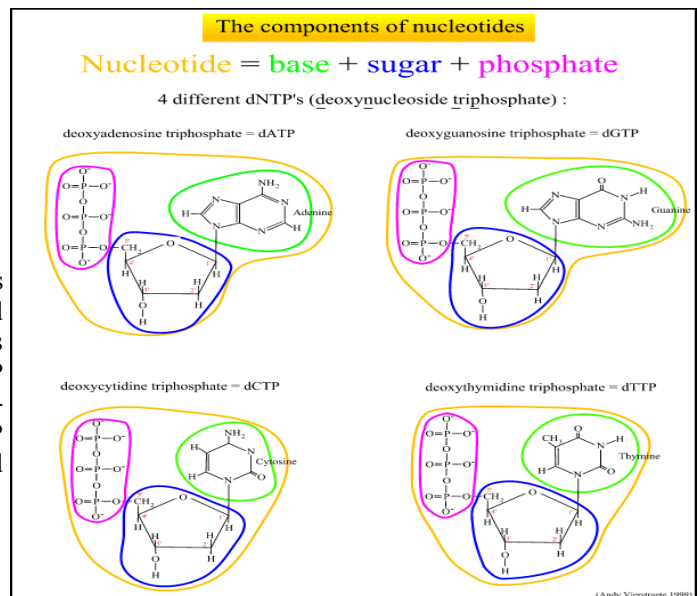
The following list of human inherited disorders are currently diagnosed using PCR:

Adenosine deaminase deficiency
Maple syrup urine disease
 α 1-antitrypsin deficiency
Ornithine trans carbamylase deficiency
Cystic fibrosis
Phenylketonuria (PKU)
Fabry disease
Retinoblastoma
Familial hypercholesterolaemia
Sanhoff disease
Glucose-6-phosphate

Sickle cell anaemia
Dehydrogenase deficiency
Gaucher's disease
Tay-Sachs disease
Hemophilia A
 β -Thalassaemia
Hemophilia B
 δ -Thalassaemia
Lesch-Nyhan syndrome
von Willebrand disease

To understand PCR.. Let's start with the basics:
What is DNA?

Nucleotides are the building blocks of DNA. A nucleotide is made up of 3 major parts: a nitrogen base, a sugar molecule and a triphosphate. The only difference between the 4 nucleotides is the nitrogen base. There are 4 different nucleotides: dATP (deoxyadenosine triphosphate), dGTP (deoxyguanosine triphosphate), dCTP (deoxycytidine triphosphate) and dTTP (deoxythymidine triphosphate). These nucleotides are referred to as dNTP's.



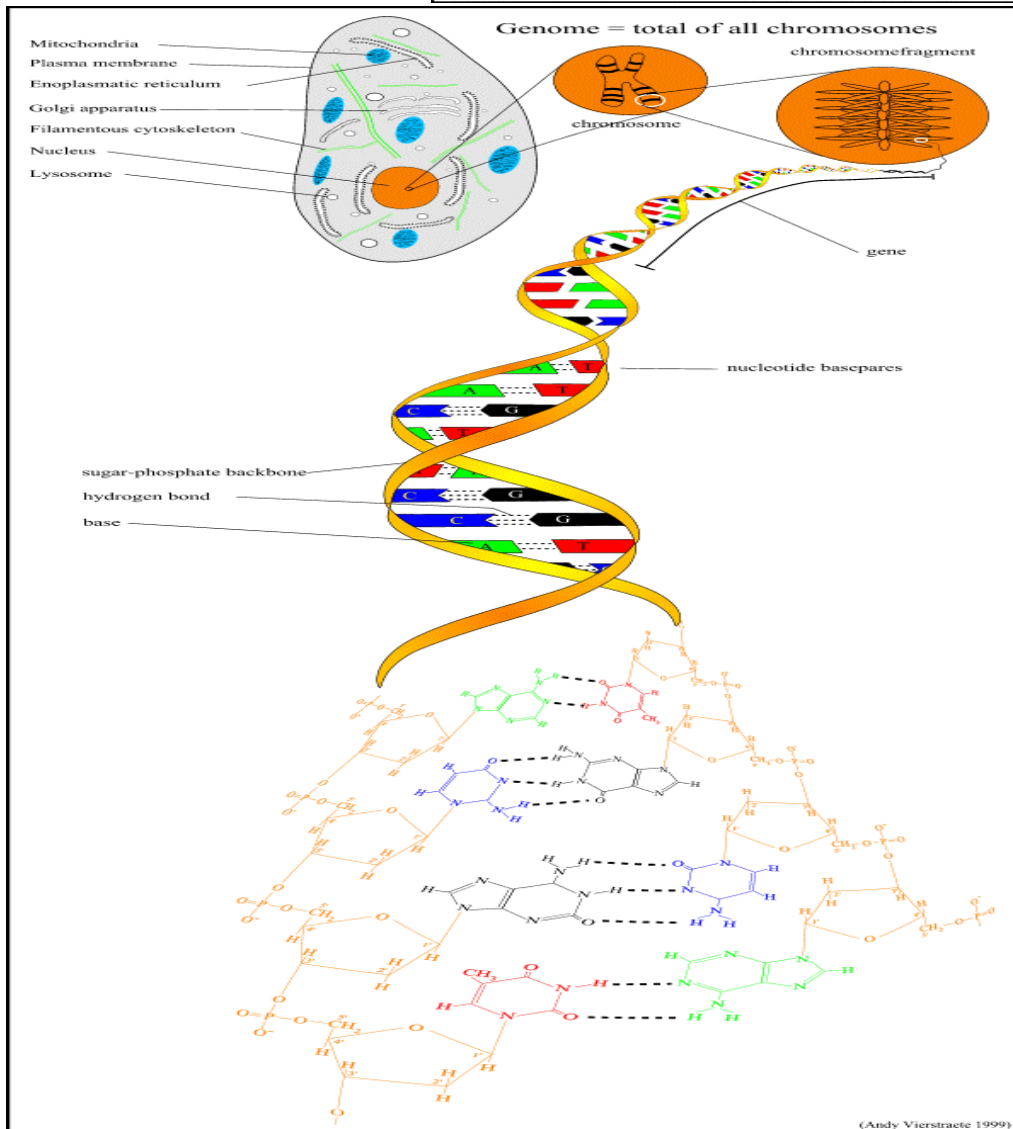
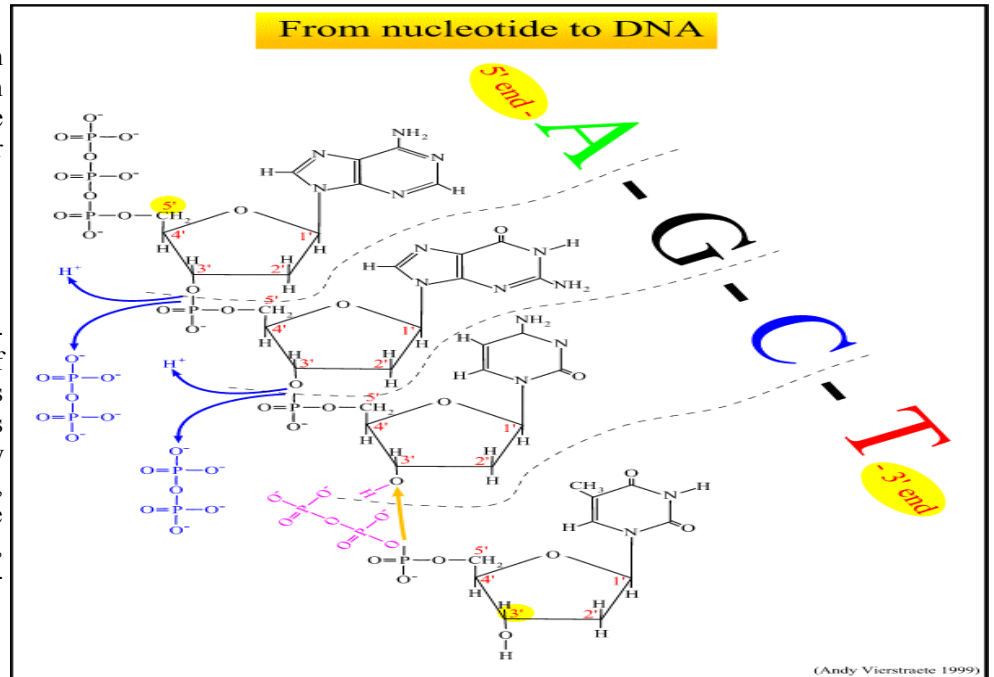
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These nucleotides form a DNA chain by coupling the nucleotides between the phosphate group from a nucleotide with the hydroxyl group on the sugar molecule of the previous nucleotide.

Where is DNA found ?

Eukaryotic cells contain several organelle. The nucleus contains most of the DNA in a cell and this DNA is called the chromosomal DNA. It is separated from the rest of the cell by the cytoplasm. The mitochondria, which have a role in the oxidative degradation of the nutrient molecules, also contain DNA, called mitochondrial DNA.



To have an idea of the size of this: every million bases take up a linear space of 0.34 mm. So when you take one human cell, uncoil all the chromosomal DNA and put it on a line, you would have 204 cm of DNA. To store this information on paper, you would need a few pages, 967,742 pages to be exact, hope you have a lot of ink in your printer.

Enough for column one, the next column will cover the principal and components of the PCR reaction and the laboratory set up.

Gilberte Caissie
Molecular Biology Lab
SEHCC