



MLT

Analyzer

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2003

VISION - Leaders in Medical Laboratory Science

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President's Message

As the year 2003 begins, I would like to send greetings to all of you. One of the greatest benefits of becoming involved with your professional society is that you have the opportunity to meet so many of your colleagues. As Continuing Education Committee Chair for the NBSMLT for 2001-2002, I have met many people in the field who I probably never would have had the chance to meet. Now, as I begin my term as president, I look forward to meeting many more of you!

I am currently enrolled as a part time student in the Bachelor of Medical Laboratory Science program through UNB, Fredericton.



For those who don't know who I am, my name is Janet Reid. I work in the Microbiology laboratory at the Saint John Regional Hospital, where I began my career in Medical Laboratory Technology after graduating in 1990 as a mature student. Since then, I have moved away once to Moncton, where I worked for a short time in Microbiology at the Moncton Hospital, and served as PR representative for the Moncton academy. During my time in Moncton, I took a French immersion program and an Applied Quality program at the NBCC. I also worked for a short time during the period in the private sector, as a quality technician for Hub Meat Packers, and later for Baxter's Dairy in Sussex. I currently live in beautiful downtown Hampton, where Ritchie and I enjoy the beauty of the NB back roads on our bicycles and motorcycles.

The past year (2002) for the NBSMLT has involved dealing with a lot of national issues, like the Agreement on Internal Trade (AIT) – which we signed at Congress in Calgary and recognizes the portability of credentials between provinces – and Laboratory Assistant certification, and how that will address the duties performed by these staff members in the laboratories across the country and especially within self-regulated provinces. There have been many housekeeping issues completed such as writing terms of reference for various positions and committees within the NBSMLT. A special sub committee has begun writing rules for interpretation of the Act and Bylaws. There have been two new categories of membership formed – one for Temporary members and one for Students.

(Continued on page 2)

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and now visit us on the web at:
<http://www.nbsmlt.nb.ca>



*Learning without thinking is useless
Thinking without learning is dangerous...*

Confucius

President's Message

(Continued from page 1)

There are refresher and retraining guidelines written for re-entry to the field. The NBSMLT is taking a more active role in the education of technologists in the province, with special attention being given to the move towards degree entry certification (proposed for the year 2010). As you can see, the board of directors, and its special committees have been busy with the ongoing (and evolving) business of self-regulation.

I am committed to working hard for the advancement of our profession. I would like to encourage a spirit of professional development, in which everyone engages in some form of continuing education or self-

improvement, perhaps even attaining the PDP certificate. The Professional Development Program (which is still voluntary at this point) has seen a lot of activity, and I would like to congratulate the Advisory Committee on Regulation and Professional Practice (ACR&PP) for the great job they've done keeping up with the influx of applications this year! I would like to work towards ensuring more availability in the province for post diploma degree options – through flexibility in the degree programs and their course delivery and acceptance.

I would like to thank my mentors Edna and Colleen, the other board members, and especially Janet Kingston for all their help in learning the

ropes over the last year. I would also like to thank Susan Atkinson for nominating me as President Elect in the last few weeks of her term with the NBSMLT and allowing me the opportunity to serve the society in this capacity. I only hope to do justice to their faith in me. I welcome Bernadette Muijs as President Elect, with whom I will be working closely over the next year to ensure a smooth transition into 2004.

I welcome any comments, questions or concerns. Please feel free to contact me at any time.

Janet Reid, MLT, RT
President, NBSMLT

Congratulations !!

Newest NBSMLT PDP Recipients

Debbie Dennis

Janelle Levesque

Jocelyne Landry

Ella Gallien

Hilary Smith

Claire MacWilliam

Judy Bourgoin

Francine Theriault

Adrien LeBlanc

Gisele Rushton

Donna Sparks

Bonnie Irvine

Mary Hamilton

Kathleen McNeary

Lise Pelletier

Caroline Allard-Thibodeau

Rejeanne Levesque

Sasha Wright

Helen Christopher

Melanie Stace

Lise RuestClavette

Amanda Carson

Elaine LeBlanc

Please remember to include all necessary documentation with your PDP applications. This will prevent any additional delay in the processing. If you wish original documents to be returned, please include a stamped self-addressed envelope.

Many thanks...your ACR&PP committee.

Certificate of Professional Studies

Congratulations to **Sharon Nason** who has accumulated 45 CPS academic credits. She is eligible to proceed with the project component necessary to advance to ART. Sharon is presently teaching Chemistry at the NBCC in Saint John in the Medical Laboratory Technologist Program. Sharon has demonstrated significant commitment to professional development. Well done!

Marina Thompson, who works in Chemistry at the Saint John Regional Hospital has received her Continuing Professional Studies certificate in General Medical Laboratory Technology. Congratulations, Marina!

Newest member of NBSMLT Board of Directors Moncton Area Director

Sasha Wright, our incoming Moncton Area Director, was born and raised in Moncton. She graduated from Harrison Trimble High School in 1991 and then earned her BSc in Chemistry from Dalhousie University in 1995. She attended the Medical Laboratory Technology program at NBCC in Saint John and graduated in 1999. Sasha won the General Proficiency Award presented by the NBSMLT to the student who achieves overall proficiency in the general laboratory technology program.

She is currently employed at the Moncton Hospital in Hematology and Transfusion Medicine. She and Jay make their home in Moncton and are eagerly anticipating the birth of their first child.

Sasha will be assuming the position of Publication Chair in addition to her Area Director duties.

We welcome Sasha to the 2003 NBSMLT Board of Directors.



Impressions of Maritech 2002



Maritech 2002 was hosted by the PEISMLT at the impressive Delta Hotel in Charlottetown, PEI. Two of us from the Sackville Memorial Hospital were fortunate enough to attend both days of the conference. Each day consisted of five hour-long educational sessions with a diverse array of topics to choose from in each session. It was often difficult to decide on just one lecture to attend. Nutritional breaks and lunches were sponsored by various organizations throughout the day and were greatly appreci-

ated. The evenings left room for socializing and enjoying the traditional Island entertainment. There were many exhibitors present for the event who were happy to share information about products old and new. The PEISMLT did an excellent job organizing this event and I am confident that everyone left the conference feeling they had more than just "a bird's eye view on technology."

Amanda Carson
Sackville

Maritech 2002 in Charlottetown, PEI was one of the best symposiums I have had the opportunity to attend. The scientific program, the exhibits and the facilities were all excellent. The day before the symposium I attended a workshop sponsored by Beckman Coulter. Adele Morrow gave a very good presentation on Auto validation for automated CBC analyzers.

The keynote address was uplifting. Mr. Mallard, an educational consultant, talked from his own experience about working people who tend to burn the candle at both ends. Does this apply to anyone you know?

Most of the guest speakers were from the Maritimes and offered a wide variety of topics: bioterrorism, sharing an experience with a new medical school in Africa, repetitive injuries in the workplace, and lectures that focused on laboratory disciplines. The lectures were well attended. Organizers were often scrambling for extra chairs. One of the last lectures of the event was worth waiting for. "The Life of an Anthropologist" by Dr. Moira McLaughlin of Saint Thomas University in New Brunswick. I would recommend that anytime you have the opportunity to hear this lady as a guest speaker at any seminar, take

advantage of it. The audience was disappointed that her presentation had to end.

The social events, with lots of toe tapping music and step dancing to old-fashioned fiddle music, was certainly the place to be. Maritime good times!

Congratulations to the Maritech organizing committee for a thoroughly enjoyable conference.

Phyllis Holmes, ART
The Moncton Hospital

NBSMLT Committee Reports 2002

The **Advisory Committee Regulation & Professional Practice** Committee has finalized the Refresher/Retraining guidelines for technologists interested in returning to the workforce. They were approved, by the NBSMLT BOD in June, 2002. These guidelines are available from any member of the board or from Janet Kingston at the NBSMLT office. They will also be available on the website.

We have been busy reviewing PDP applications and are pleased with the number of technologists that have

shown an interest in the program. There have been 90 successful PDP applications with only a few remaining to finalize.

I would like to remind everyone to **PLEASE** include the required documentation to support your application. Receipts for attendance at conferences (or certificate) are required. Transcripts from formal courses may be submitted as photocopies, but are necessary. Please include a self-addressed envelope if you send original documents and want them returned. The average time between

reviews is about 2 months. For some this has become 6 months with follow-ups.

The PDP guidelines are constantly being reviewed as the applications provide a chance to see how the credit assessment applies to actual situations.

The Committee Chair for 2003 is Edna Smith

Respectfully submitted
Colleen Moran
ACR&PP Chair 2002

Upcoming Events (you won't want to miss!)

May 8-11, 2003 in Halifax, NS

JOINT SCIENTIFIC CONFERENCE
CANADIAN SOCIETY FOR TRANSFUSION MEDICINE
CANADIAN BLOOD SERVICES & HÉMA-QUÉBEC



CSMLS Congress Quebec June 7-11, 2003



A celebration of survival, a tribute to the lives of loved ones and a night of fun, friendship and fundraising to beat cancer. Join us-and help make cancer history.

Relay For Life involves teams of 10 people who participate in an overnight non-competitive relay. Participants take turns walking, running or strolling around the track. Teams consist of people representing corporations, communities, families and friends.

Let's Make Cancer History
For more information please call
1 (888) 939-3333
www.cancer.ca



NBSMLT Committee Reports 2002 (Continued)

As chair of the **Advisory Committee on the Education of Medical Laboratory Technologists**, I recently attended a meeting with the liaison committee on the degree for MLT. I was informed by the Université de Moncton that all technologists who

attended a 3 year study toward an MLT diploma, will be credited their 1st year towards an MLT degree at U. of M. They are even crediting University studies that are older than 10 years. Each application will be reviewed on an individual basis.

For more information contact:

Marielle Lagacé
Chair ACEMLT
brunola@nbnet.nb.ca

The **Continuing Education** committee held two teleconferences and a face to face during 2002. The committee's focus during the year was to develop resource packages for the academy representatives containing information on continuing education programs, courses, and funding for NBSMLT members. We have also tried to develop designated areas in academy workplaces for the display of this information for the members to increase its accessibility. If you are still having problems obtaining information on education topics in your academy, please bring it to the attention of your CE representative. I have had many inquiries regarding information on university degrees post-diploma. I have assembled some specific information pertaining to the degree programs at UNB Fredericton and Memorial University in Newfoundland, and the committee will soon have updated information on the Université de Moncton degree program as well. If anyone is having trouble accessing information on any other program in Canada, feel free to contact me, or any member of the CE committee for help.

The committee attempted to solicit input from the membership this year for ideas for workshops or seminars, which they would organize as continuing education offerings on a provincial basis. It was decided that the best way to offer these would be on a traveling basis – that is, a particular seminar or workshop could be offered at various locations throughout the province over a period of time, allowing for better access to each educational offering. We have asked for topics and speaker suggestions for these workshops, and, although the

response was limited, have made a list of possible topics. This will be a continuing project for the committee, as they will have to prioritize topics and attempt to find presenters. Look for future developments on this in 2003.

The APSC, which was held May 3 and 4 in Edmundston, was well attended and a great success. The 2003 APSC will be held in Fredericton May 1 to 3 at the Ramada on the north side of the river in Fredericton. Several technologists from NB attended Congress in Calgary this year, which was the first conjoint scientific congress for CSMLS, CAP, and CSCC. The scientific program was out of this world – too bad some of us were so busy with meetings that week! We all managed to have a great (and successful) time!

NBSMLT members seem to have a renewed interest in continuing education these days! The Professional Development Program (PDP) has seen a lot of activity, with 90 certificates issued by the ACR&PP by the end of 2002. We would like to encourage all members to keep track of all their education-related activities – it's easier than you think to attain the credits required for your certificate, which is good for 3 years! Keep up the good work!

On a national front, the CSMLS Professional Development Committee met twice in 2002 – in April in Hamilton, and by teleconference in December. Issues such as re-entry to practice guidelines and the impending degree entry to the profession were discussed. Bridging programs for training technologists re-entering the

workforce are now available at Mohawk-McMaster Institute and Michener Institute in Ontario, and at BCIT in BC. The committee also prioritized the development of refresher courses in Microbiology and Chemistry by the CSMLS, as there is a definite need for them in many provinces (some provinces provide their own). A sub-committee was struck to develop a competency assurance program, which could use the CSMLS journal as a medium for providing literature review exercises, which could be completed for CE credits. This would provide yet another accessible way to achieve these credits toward provincial programs, as they are mandatory for maintaining a practicing license in many provinces.

We also discussed applying for funds from the Quebec CE Fund (which funds French language courses in the field) to translate the CSMLS safety course "Reducing Risk through Improved Laboratory Safety". It was reported that the Lab Assistant certification exam will be offered by the CSMLS for the first time in June of 2003.

I would like to thank my committee members for their hard work over the last couple of years, and I leave the committee in the capable hands of Colleen Moran, Miramichi area director, and former CE committee chair. Our work for the NBSMLT members is only as good as the input we get, so please let us know what is important to you.

Respectfully submitted,

Janet Reid, Committee Chair, 2002
NBSMLT Continuing Education

NBSMLT Committee Reports 2002 (Continued)

The **Registrar's Report** states that the 2002 Membership Breakdown:

MLT: (total=650)	
Certified Registered (RT)	616
Certified Registered (ART)	25
Certified Registered (FCSMLS)	0
Non-Certified Registered	9
Inactive	6
Retired	7



Twelve new graduates began work in New Brunswick in 2002. Two NBSMLT awards were given in 2002 to students at NBCCSJ. An award will be given to a student at NBCC Campbellton as they hold their first MLT graduation for francophone students in 2003. Awards were increased in 2002 to include \$200 cash, a \$100 voucher for dues and a CSMLS logo pin. The pin cannot be awarded to the recipient until he / she passes the CSMLS certification exam.

A student category of membership was approved at the Annual General Meeting in May 2002. Fees are \$10 per year and membership is voluntary.

NBSMLT is now able to take payments by Visa. Cost of offering this option is a minimum charge of \$8.00 per month OR 2 % of Visa payments received in a particular month. At this time we are not able to accept MasterCard.

To ensure your registration records are current, please remember to check all personal and employment information before dating and signing your Registration Form. Please make sure that both CSMLS and NBSMLT are notified of address changes as soon as possible.

Respectfully submitted,
Janet L. Kingston
Registrar

The **Public Relations** committee is in the process of regrouping, and preparing for what could be a very busy year. Discussion has begun with Apropos Marketing, to develop a 3-year plan for PR provincially. This will represent a significant investment from the Society, and will require careful planning before proceeding. The hope is that by developing a long-term plan, we can build each year on the successes of the preceding year, and realize some long-term gains as a result.



There was a national Marketing and Communications face-to face in November 2002, which I was unable to

attend. The meeting focussed largely on themes for National Medical Laboratory Week 2003. Information pertaining to this will be sent out to PR reps around the province shortly.

A Marketing and Communications teleconference will be held on February 15, 2003. A provincial PR meeting will follow shortly thereafter.

Respectfully submitted,
Randy Thornhill
PR Chair, NBSMLT

The **Publications Committee** report for 2002 states that four issues of the MLT Analyzer were produced, on time and within budget.

The translator for the publication is Annette Aucoin from Moncton and the printing is done by Print Atlantic.

There are 260 copies in English and 80 copies in French printed and distributed.

The newsletter is published to the website at approximately the same time as the issue is mailed. I am unsure how many people access the

newsletter this way but few have opted to have an electronic copy sent.

Sasha Wright, Moncton Area Director will be taking over as Publications Chair, effective Jan. 1, 2003. Bernadette Muise will remain as Editor.

Respectfully submitted,
Bernadette Muise, Publications Chair



Deadlines for submissions for the MLT Analyzer 2003:

Issue 2	May 9/03
Issue 3	Aug. 1/03
Issue 4	Oct. 24/03

Send any submissions to:

Bernadette Muise
Transfusion Medicine
The Moncton Hospital
135 MacBeath Ave, Moncton NB
E1C 6Z8
Email-Analyzer@nbnet.nb.ca

Academy Reports

The **Edmundston** Academy held its last meeting on October 16, 2002. 15 members were present, 4 from Grand-Falls via teleconference.

Some members are working on their professional development program and a few have applied for their certificate but haven't had any news yet. Some encouragement was given to those who still haven't started on it.

The Academy executive plans on meeting sometime at the beginning of 2003 to put into writing, bylaws for the Academy, in order to make it easier for new members who would

like to get more involved at the Academy level.



In the year 2002, the Edmundston Academy has been very active. The planning of the APSC, which was held May 3 and 4, required a lot of work from the members, but the turnout was really good. From Region

Health Authority 4, we had 31 members present and from outside the region, we had 30 members. We also had 9 guest speakers for 12 conferences and 10 exhibitors.

Three members also attended career days, which were held during spring.

The Academy Executive should remain the same as last year since most of the executive is starting on the second year of a 2 year term.

Respectfully submitted,
Janelle Levesque



The **Fredericton** Area Academy held 2 meetings this year. The APSC Committee, however, was very busy in planning and organizing the conference to be held in May 2003.

Medical Laboratory Week was very successful with guest speakers, a visit from CSMLS, and a luncheon and traditional cake. Our Public Relations rep, Ralph Searle, prepared a 2 part article on the laboratory for publication in the River Valley Health News.

A few of our members participated in a Career Fair held at Fredericton High School.

We have several executive members finishing their terms or resigning at the end of the year and a new executive has not yet been elected

Our fund raising committee continued to do well and we also held a pancake breakfast at the Superstore. We were able to give a \$500 grant for congress.

Respectfully Submitted,
Martha White MLT RT

The **Miramichi** academy has shuffled the executive a couple of times this year due to increased job demands and maternity leaves of some of the members. We have two members returning from university degree programs.

The purchase of new equipment in the fall of 2002 has sent 4 technologists on Key operator training sessions and they are busy training the remaining staff. We hope to settle in to a regular routine once the staff training has completed in late spring.

We have two members returning from university degree programs to continue employment with us. There are still 4 members on maternity leave as of January.

The executive for 2003 has been finalized.

President – Heather Grant
Sec/Treas – Brenda Ouellet
CE Committee – Lisa McCarthy
PR Committee – Shirley MacDonald
Area Director – Colleen Moran

Respectfully submitted
Colleen Moran



Academy Reports



In 2002, the **Moncton** Academy held six meetings. Two Education Days were also held; on Saturday mornings, which proved to be a fairly popular time slot. Attendance was good and participants gave positive

feedback. The Academy developed a Mission document and had it translated into French, recruited a full slate of officers for the 2003-2004 term and started planning ahead for activities in 2003. A tentative date for the next Education day has been set for April 5, 2003 to kick off Med Lab Week.

The new officers are:

Randi Hayes - President
Peggy Somers -Vice President
Melissa King - Secretary

Virginia Coles – Treasurer
Shelly Stymiest – Continuing Education
Charlene Collins – Public Relations
Sasha Wright – Area Director

Kathy LeBlanc will continue to be liaison for Academy messages for Sackville, while Susan Atkinson has graciously volunteered to continue in that capacity for the Georges Dumont Hospital.

Respectfully submitted,
Bernadette Muise

In the year 2002 there were 2 academy meetings. During our National Medical Laboratory week in April there were many activities held in the different hospitals in our region. We concluded our week with a meeting in Bathurst where we all presented our masterpieces for the creative building contest. There was good participation.

24% of the technologists in our academy received their professional development program (PDP) certificate. **BRAVO!!**

North Shore



Our executive for the year 2003 :

President: Line Ouellet
Vice-president: Paula Steeves
Treasurer: Daniel Arseneau
Secretary: Sylvie Lebreton Losier
Continuing Education rep.:
Lisette Vienneau
Public Relations rep.: Lyne Pelletier
Area director: Germaine Savoie

Respectfully submitted
Germaine Savoie

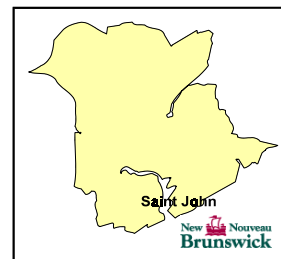
The **Saint John** Academy held a meeting on Dec. 11/02, during which several topics were discussed; the election of officers, and the establishment of a museum for laboratory equipment/memorabilia within the Saint John Regional Hospital. It was agreed at this meeting to take the funding of the museum construction (an estimate of \$3000.00 has been obtained) to a vote, at the February meeting, and move ahead with the project pending approval from the membership and the Hospital. Sharon Nason has put a great deal of effort into getting this project to this point, and will continue to support it, but would like someone to spearhead the initiative, as she will be busy

working on her ART for the next while.

The election of officers has provided the Academy with a competent and experienced executive, comprised of;

President- Suzanne Turcotte
Treasurer- Susan Findlater
CE Representative- Hope Mackenzie
PR Representative- Allissa Cook
Area Director- Randy Thornhill

Respectfully submitted
Randy Thornhill



Thank You!

The NBSMLT would like to extend a "HUGE" Thank You to the following volunteers, without whom the operations of the society would not run.

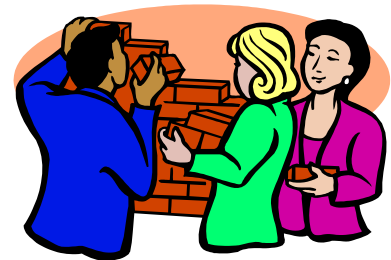
The many countless hours they spend working on your behalf often go unrecognized, so we would like to take this opportunity to point them out and say "Thanks"!

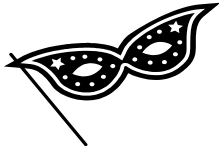
Thank you as well to anyone we may have forgotten.

Janelle Levesque
Michelle Levesque
Charlotte Cyr
Lise Ruest Clavette
Sylvie Deschamps
Claire Turcotte
Barbara Leclerc
Charlene Laforge
Linda Toner
Monique Desjardins Levesque
Diann Roy
Francine Volpé
Pauline Turcotte
Pauline Cyr
Aline Pelletier Martin
Angèle Emond
Louise Castonguay
Rachel Bérubé
Francine Thériault
Monic Morin Long
Denise Pinette
Louiselle Bellefleur
Daniel Arseneau
Sandra Beckingham Legacy
Joanne Boudreau
Suzanne Charest
Gisele Cormier Gagnon
Ghislaine Dancause
Marielle Essiemre
Sophie Gaucher
Pauline Gauvin Ward
Bianca Gendron
Diane Godin
Marielle Lagacé
Jocelyne Landry
Carole Lanteigne
Sylvie Lebreton Losier
Dan Léger
Marie Reine Léger
Luc Levesque
Gina Losier
Patrice Morin
Lyne Pelletier
Murielle Pelletier
Daniel Robichaud

Germaine Savoie
Nancy Scott Langille
Paula Steeves
Maryse Thibault
Lisette Vienneau
Jeralyn Mallaley
Cindy Wilson
Jeff Justason
Nancy Eliakis
Marilea Smith
Marilyn Lacey
Jean Henry
Edna Smith
Paula Kimball
Nancy Michaud
Martha White
Janet Kingston
Carol Borden
Shalawny McCoy
Jim Keillor
Ralph Searle
Donna LeBlanc
Janet Mullin
Michelle Finnegan
Kathy Penney
Darlene Egers
Adrien LeBlanc
Ardith Kerr
Coral Curtis
Shawn Ingersoll
Barb Canavan
John Swanwick
Suzanne Turcotte
Janet Reid
Claire Wright
Greg Shaw
Zoey Mossman
Yvonne Yaschuk
Amy Ho
Betty Gomes
Allissa Cook
Dwayne Boyd
Sharon Nason
Susan Findlater
Hope Mackenzie

Randi Hayes
Susan Atkinson
Johanne Moreau-Guidry
Johane Arsenault
Monique Collette
Kathy Leblanc
Heather Graham
Anne Robinson
Virginia Coles
Bernadette Muisse
Sasha Wright
Charlene Collins
Debbie Dennis
Gilberte Caissie
Shelley Stymiest
Linda Turgeon
Peggy Somers
Florence Duff
Tracey Noddin
Melissa King
Kellie Hoar
Danette Bellefontaine
Brenda Bourque
Linda Cormier
Alison Godwin
Line Daigle
Janice MacLeod
Colleen Moran
Heather Grant
Brenda Ouellet
Lisa McCarthy
Shirley MacDonald
John Glidden
Bev Ross





APSC 2003 – Unmasking the Future
Preliminary Scientific Program
 Ramada Hotel (formerly Howard Johnson)



Keynote Speaker: Brent Finnamore “Stress Smart”

Thursday, May 1, 2003

Concurrent Sessions

- Clinical Chemistry:** Janet Walker, RN, BN *Hemodialysis*
 Barbara Bulleid, MD FRCP(C) *Inhaled Nitric Oxide Use In The NICU*
 Margaret Flynn, MLT ART *pro-BNP*
 Dianne Stackhouse, MD *Methadone Clinic*
- Histopathology:** Denise Pugh-Cain, MD FRCP(C) *Breast Cancer*
 Katalin Koller, MD FRCP(C) *Lymphomas*
 Timothy Haswell, MD FRCS(C) *Sentinel Lymph Nodes*
- General:** ***Dennis Ernst, MT (ASCP) *Phlebotomy as a Profession, Not a Procedure* *** *DECH Room 1A*
 Lee O’Blenis, MEng, CPHI(C), ROH, CIH *Handling and Storage of Chemicals*
 Gary Stairs, BEd, BBA, CIPE *Investigation of Air Quality*
 Prof. Moira McLaughlin *Forensic Anthropology*
 Dr. Katherine Barclay *UNB Updated BMLS Program*
- Haematology:** TBA
 Mike Keeney, ART, FIMLS *Assessing CD+34 Cells in Hematopoietic Transplants – Current Issues*
- Microbiology:** Jacqueline Badcock, DMV *Tularemia (Francisella tularensis)*
 Margaret Swift, MLT ART *QC/QA*
- Transfusion Medicine:** Matthew Antoine, *Detection of Bacteria in Platelets, A Novel Approach*
 Allan MacDonald, *Organ Donation Program*
 Craig Ivany, *Reorganization of CBS*
- Workshop:** Dennis Ernst, MT (ASCP) *Phlebotomy*

Friday, May 2, 2003

Concurrent Sessions

- Clinical Chemistry:** Martha Mills, MD *Fetal Maturity, Amniocentesis Why and What*
 P. Neary PhD *Hormones and Exercise*
 Dennis Nickerson *POCT*
 R. Krishnaswamy, MD *Amino Acid and Metabolic Error*
- Cytopathology:** Monique Collette, MLT RT *TBA French*
 Penny Barnes, MD *FNA Breast*
 Kalman Protzner, MD *FNA Lymph Node*
 Dr. Obensen MD *TBA*
- General:** CSMLS *TBA*
 Judy Hume RT, NM *Bone Density*
 Gilberte Caissie, MLT RT *PCR (both French and English)*
 Carmen Stuart, MD *Mission to Sierra Leone*
- Haematology:** Glen Fallows, MD *Celiac Disease*
 James Henderson, MD FRCP(C) *Arthritis, From the Lab to the Bedside*
 Gail Pilgrim, MLT ART *Differentials*
 Phyllis Holmes, MLT ART *Risk Management*
- Microbiology:** Judy Lake RN,BN & Diane Lapointe RN,BN *Public Health Follow up of Communicable Diseases*
 Dave Crowe, PhD *Non Human Parasites That Affect Humans*
 Peter Leighton, PhD *No Enteropathogens: The E. coli We Miss*
 Spencer Lee, MD *West Nile Virus*
- Transfusion Medicine:** Eric Ching *Pretransfusion Testing*
 Eric Ching *Laboratory Investigation of Transfusion Reactions*
 ProVue – *Automated Gel System- Canadian Premiere*
- Workshop:** Eric Ching *Challenges in Transfusion Medicine*

Notice/Avis

Seminars are listed in the language in which they are presented.

Les conférences sont mentionnées dans la langue de présentation.



Saturday, May 3, 2003

- General:** H.M. MacSween, MD *Viral Hepatitis A-G*
 Dave Wilson, *Hemophilia: One Family’s Story*
Annual General Meeting



APSC 2003- *Unmasking the Future*

REGISTRATION FORM



Ramada Hotel, Fredericton NB
Ph. 1-800-596- 4656 for Reservation

May 1 - 3, 2003

Name _____ CSMLS ID# _____
 Address _____ Discipline _____
 City _____ Province _____ Postal Code _____
 Tel: _____ (W) _____ (H) FAX: _____ e-mail: _____

Registration Fees

To be eligible for **early discount rates**, forms must be postmarked by **April 11, 2003**

	2 1/2 Days		2 Day		1 Day		1/2 Day & Sat	
	Early	Regular	Early	Regular	Early	Regular	Early	Regular
NBSMLT Member	\$145	\$175	\$120	\$150	\$60	\$75	\$30	\$35
Non -Member	\$175	\$205	\$150	\$180	\$75	\$90	\$35	\$40
Student/Retiree	\$35	\$50	\$30	\$40	\$15	\$20	\$8	\$10

Note: Lunch included in Full Day Registration Fee or Workshop + 1/2 day Registration Fee

Workshop Fees (in lieu of 1/2 day registration fee)

Thursday, May 1 (13:00- 17:00) Dennis Ernst, **Phlebotomy** NBSMLT member \$ 40
 Please Register Early (limited seats) Non member \$ 50
 Friday, May 2 (08:15-12:00) Eric Ching, **Challenges in Transfusion Medicine** (limited seats) \$ 40

Social Event Fees

Thursday, May 1 Exhibitors' Reception – No Charge (cash bar)
 Friday, May 2 Mardi gras Buffet Banquet and Costume Party Fee (dinner) \$25
 Bring a costume OR rent one on site \$20

Saturday, May 3, 2003 - AGM Luncheon - No Charge

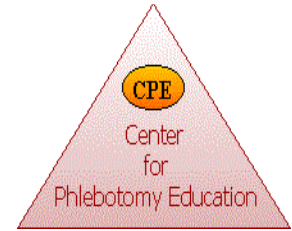
FEE SUMMARY:

Registration T/F/S (please circle)	\$ _____
Workshop <u>Phlebotomy</u>	\$ _____
Workshop <u>Transfusion Medicine</u>	\$ _____
Exhibitors' Reception	Y/N (please circle)
Mardi gras (dinner)	\$ _____
Costume rental	Y/N (please circle)
AGM Luncheon	Y/N (please circle)
Total Submitted	\$ _____

Please make cheques payable to:
 Mail completed forms and cheques to:

APSC 2003
 APSC 2003, Attention: Martha White, Regional Laboratory
 700 Priestman St.
 PO Box 9000, Fredericton, NB E3B 5N5
 Tel: 452-5465 or e-mail: whitejr@nbnet.nb.ca
 Fax (506) 452-5422

Phlebotomy Workshop



Does your job require you to take blood?

This Workshop is for YOU.


Topics:



Products and Practices for Needlestick Prevention



Eliminating Pre-Analytical Errors In Sample Collection



Protecting Yourself from Phlebotomy-Related Lawsuits

APSC

**Ramada Hotel,
Fredericton, NB**

May 01, 2003

1300-1700

\$ 40.00 Member NBSMLT

\$ 50.00 Non-Member

Pre-Registration Required

By Apr 4 03

Limited Seating Available

Contact Martha White,

Regional Laboratory

APSC, DECRH, Box 9000

Fredericton, NB E3B 5N5

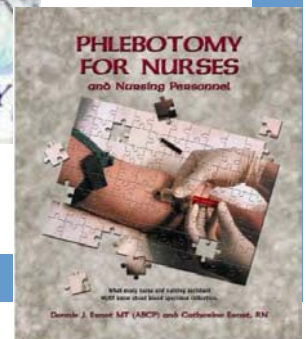
Phone 506 452-5465 Fax 506 452-5422

E-mail whitejr@nbnet.nb.ca

Sponsored By



- Dennis Ernst MT Medical technologist, educator and legal consultant.**
- Director of the Center for Phlebotomy Education, Inc
 - Administrative Director of Phlebotomy West, an international education and advocacy group for the phlebotomy profession.
 - Author of Phlebotomy for Nurses and Nursing Personnel (HealthStar Press, 2001).
 - Member of MLO's "Tips From the Clinical Experts" panel.
 - Editor of Phlebotomy Today, an online phlebotomy newsletter
 - Nationally recognized phlebotomy expert.
 - Member of the NCCLS Working Group on Venipuncture.
 - Author of dozens of phlebotomy articles in lab, nursing and healthcare risk management publications.
 - Recruited regularly to speak at nursing, laboratory, and allied health conferences throughout the US and U.S. and Canada



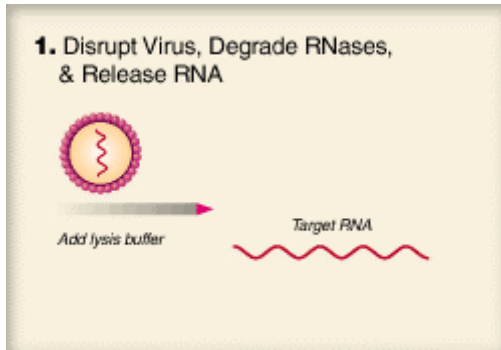
The last column we said the principle of the Polymerase Chain Reaction (PCR) including the different component of the reaction and their role and function in the amplification reaction.

In this column I will cover another technology called Branched DNA Technology (bDNA). The bDNA technology is owned by Bayer Diagnostics. This technology is part of the signal amplification group and it is performed on microwell plates and is semi-automated.

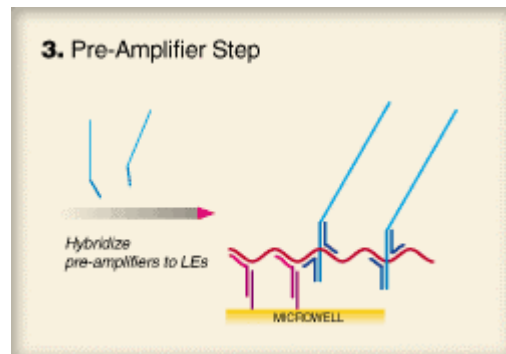
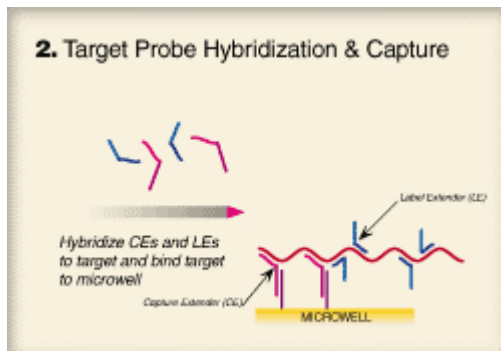
In the lysis buffer there is presence of 2 types of biopartic specific enhancers. One is to facilitate capture (called capture enhancer) and the other for signal amplification (called label enhancer). The capture enhancer has 1 part specific for a portion of the template sequence to be detected and a second part that is complementary to the capture sequence on the microwell plate. Therefore the capture enhancer will attach to the DNA if present and then attach itself to the microwell. The label enhancer also has a complementary sequence to the target DNA. It will attach itself on to the DNA.



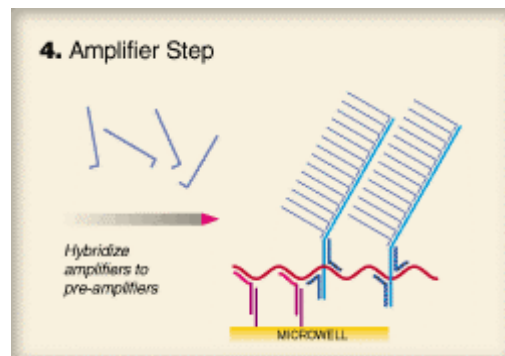
The principle of the assay is as follows:



The RNA/DNA is released by the cells by using a acid lysis buffer, which will release the target DNA or RNA in solution.



The next step involves the addition of amplifiers, which will hybridise to the pre-amplifiers.



This step involves the addition of enzyme label probe, which will attach itself to the amplifiers.

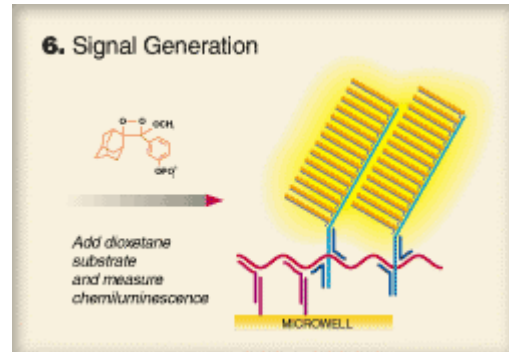
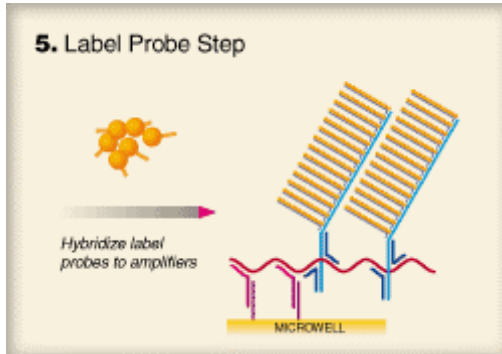
The last step is the generation of the signal, which is generated by a chemiluminescent substrate. The substrate is a dioxetane, which is triggered by the alkaline phosphatase enzyme. The reaction gives off a small

(Continued on page 14)

(Continued from page 13)

amount of light, which is transferred and amplified by the presence of fluorescein micelles in the substrate mixture. The resultant chemiluminescent signal is read by a luminometer.

washed away. The instrument is a combination of a microwell plate washer, microwell plate incubator and luminometer. This technology can be used as a quantitative and qualitative tool. It is used a lot for HIV and HCV testing because it has the capability of performing either 80 or 160 samples per run.



If the target DNA is not present all the components added to the procedure will not be able to attach to the series of the reaction and to the microwell plate and will be simply

Next column we will look at the NASBA technology (Nucleic Acid Sequence and Based Amplification)

NBSMLT NOTICES :

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



NBSMLT can now accept payments by Visa. To pay dues etc. by Visa, call the office at 506-455-9540.



NOTICE TO TECHNOLOGISTS INTERESTED IN THE BMLS AT UNB

Please note:

- a) at least 50% of credits for degree must be from UNB and
- b) these credits must have been obtained in the last 10 years



Paula Steeves, from the North Shore Academy is anxious to start her committee for the APSC in 2004. They are thinking of making a bilingual recipe book for a fund raising. It will probably be available across the province.

CSMLS Congress Grants 2003

Congress Grants

Subventions pour le Congrès



The 2003 CSMLS Congress will be held in Quebec City, PQ. At the November 2002 meeting of the NBSMLT Board of Directors, a motion was passed to award three grants of \$750.00 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.

La SCSLM tiendra son congrès de 2003 à Québec, PQ. Le Conseil d'administration de l'ATLMNB, à sa réunion de novembre 2002, a adopté une motion en faveur de l'octroi de trois subventions de 750\$ chacune afin de permettre à certains membres d'assister plus facilement au congrès national. Vous trouverez un formulaire de demande ci-jointe. Si vous êtes intéressé(e), veuillez remplir cet formulaire.

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 quel que 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 formulaire de demande, étant donné que cet formulaire 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**

**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 21, 2003

Toutes les applications doivent être reçues pour le 21 mars 2003