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# CMBES/SCGB Monthly e-Bulletin

June 2017

## Message From the President

*From the desk of the CMBES President, Martin Poulin*

Dear Biomed Colleagues,

What a fabulous conference. It was great to see many of you and get updates on what activities are happening across Canada. The workshops were very informative, the food and venue were superb and we even got a tour of the Human Rights museum.

The conference coincided with Biomedical Engineering week so for those who didn't attend the conference, I trust you celebrated the week with your Biomed colleagues.

Please watch our website for the upcoming educational webinars and if you haven't yet renewed your membership, now's the time. Also, please think about volunteering with the society as you will be enriched just working and chatting with colleagues across Canada.

Cheers,

Martin

## Message du président

*Du bureau du président de SCGB, Martin Poulin*

Chers collègues Biomed

Quelle merveilleuse conférence. C'était une belle opportunité de vous rencontrer et de prendre des nouvelles sur les activités de notre domaine à travers le Canada. Les ateliers étaient très pertinents, le cadre de la conférence était superbe et nous avons même eu la chance de visiter le musée des Droits de l'Homme.

Cette année, la conférence coïncidait avec la semaine de reconnaissance du génie biomédical, donc pour ceux qui n'ont pas pu être présents parmi nous, j'espère que vous avez célébré avec vos collègues cette reconnaissance de notre profession.

Visitez notre site Internet régulièrement, pour prendre connaissance des prochains webinaires, de plus si ce n'est pas déjà fait prenez un moment pour renouveler votre adhésion. Enfin, avez-vous pensé à vous engager dans les activités de votre société, les volontaires sont toujours les bienvenus et c'est l'occasion de profiter d'échanges et de discussions avec les collègues de partout au Canada.

Cordialement,

Martin

## **Wrapping up the CMBEC40 Conference!**

*From the desk of the CMBEC40 Committee Chair, Kyle Eckhardt*

Dear Colleagues,

Thank you so very much for taking the time to participate in CMBEC40 this year. I sincerely hope you enjoyed your time at the conference and in Winnipeg. The event was a resounding success thanks to the contributions of CMBES members, our exhibitor community and our fabulous organizing committee.

The highlight of the conference for me was the jam packed poster presentation session comprised of conference papers from across the country and grade school students from across Manitoba. Two students in particular stood out and their story was published in the local newspaper.

It was an honour to serve as your Chair and I look forward to seeing you all again next year in Charlottetown, Prince Edward Island.



*Group photo from the Awards Dinner at the Fort Gibraltar, Winnipeg, Manitoba.*

## **Announcing the 2017 CMBES Awards Winners**

*From the Desk of the Awards Committee Chair, Evelyn Morin*

**Congratulations!**



Outstanding Canadian Biomedical Engineer – Gordon Jasechko, **Victoria BC**



Outstanding Canadian Biomedical Technologist – Kelly Kobe, **Calgary AB**





Early Career Achievement Award –  
Marie-Ange Janvier, **Ottawa ON**

Fellowship Member – Petr Kresta,  
**Winnipeg MB**

**Fellowship Member – Graham Wickham, Vancouver BC (Absent)**

## **Congratulations to our Paper Competition Winners!**



1st Place Student (\$500)  
– Mr. Sultan Khetani



2nd Place Student (\$300)  
– Mr. Sohail Younas



3rd Place Student (\$200)  
– Mr. Anwar Shatil

**Best Overall Paper (\$2000)**  
– **Dr. Sean O'Brien (Absent)**

## **Membership Committee Update**

*From the desk of the Membership Committee Chair, Sarah Kelso*

**Are you thinking of joining CMBES for the first time? Take advantage of this promotion!**

In conjunction with the recent CMBEC40 conference in Winnipeg, CMBES is offering a membership discount for all \*new\* members ... 25% off your first year of membership dues!

A new member is someone who hasn't held an active membership within the last 5 years.

To use this discount enter coupon code **CMBEC40promo** in the online registration system at [cmbes.ca](http://cmbes.ca) or contact [secretariat@cmbes.ca](mailto:secretariat@cmbes.ca).

This promotion ends on **June 30, 2017** so act fast, and tell all your friends!

## **Biomedical Engineering Appreciation Week**

May 21–27, 2017 was Biomedical/Clinical Engineering Appreciation Week. The

CMBES received pictures from two hospitals that got in the spirit: South Health Campus in Calgary and Nanaimo General Hospital on Vancouver Island. It is so good to see our BME teams representing our profession and the service we provide!

**Nanaimo General Regional Hospital (NRGH) – Biomedical Eng. Dept.**

The NRGH team celebrated Biomed Team week by creating a uniquely hand drawn poster and setting up outside the cafeteria with various sweets and treats... Note the creative use of symbols in “Biomedical” and “Keep Calm and Call Biomedical”...

Poster detail were kept to a minimum detailing the services we provided and how to reach us...

The Health Sciences Association kindly provided the sweets and treats....

**NRGH Team Members:**

Mike McDonald (Site Supervisor)  
Delmar Chakawa (OR)  
Tammy Dickinson (Renal/ICU)  
Eamon Stinson (Renal/ICU)  
Chimere Tremblay (Medical Imaging)  
Alan Christensen (Medical Imaging)

Layla Al-Faouri (Medical Imaging)  
Dov Katz (OR)  
Ellie Tsuruta (Renal/ICU)  
Brian Lee (OR)  
Martin Murphy (Biomed Student)



**South Health Campus in Calgary**



### **Winnipeg Regional Health Authority (WRHA) – Clinical Engineering Program**

This year WRHA CE Program celebrated Biomedical/Clinical Engineering Appreciation week over the lunch in one of tertiary sites (St Boniface Hospital), where staff enjoyed interacting with their colleagues in a fun and entertaining environment by participating in a number of team oriented activities including Jigsaw puzzle.







## Clinical Engineering recognized for innovation

*Brett Fraser, Clinical Engineering Technology Manager, Service New Brunswick*

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Service New Brunswick's Clinical Engineering branch was recently recognized as a finalist for ECRI Institute's 11th annual Health Devices Achievement Award. Clinical Engineering utilized a concept called critical percentage to better improve completion rates of inspection and preventative maintenance (IPM) on medical devices throughout the province.

Critical percentage has played a significant role in the success of meeting annual key performance indicators (KPIs) established for healthcare facilities. These KPIs ensure that 100% of life-critical devices and 80% of high-risk devices have their IPMs completed. The concept has been so well executed that it has created a culture change in Clinical Engineering which revolves around critical percentage.

For nearly 50 years, ECRI Institute, a

## L'ingénierie clinique est reconnue pour son innovation

*Brett Fraser, Gestionnaire de la technologie de l'ingénierie, Service Nouveau-Brunswick*

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La Direction de l'ingénierie clinique de Service Nouveau-Brunswick a récemment été retenue comme finaliste dans le cadre du 11e prix annuel de la réussite en matière d'appareils médicaux de l'institut ECRI. L'Ingénierie clinique a eu recours au concept de pourcentage critique afin d'améliorer son taux d'achèvement des travaux d'inspection et de maintenance préventive (IMP) des appareils médicaux dans l'ensemble de la province.

Le pourcentage critique a joué un rôle important dans l'atteinte des indicateurs de rendement clés (IRC) annuels fixés pour les établissements de soins de santé. Ces IRC permettent de s'assurer que les travaux d'IMP ont été effectués sur 100 % des instruments vitaux et sur 80 % des instruments à haut risque. Le concept a été tellement bien mis à exécution qu'il a entraîné, au sein de l'Ingénierie clinique, un changement de culture. Cette dernière s'articule maintenant autour du pourcentage critique.

Depuis près de 50 ans, l'institut ECRI, une organisation sans but lucratif, travaille pour que la recherche scientifique appliquée permette de déterminer quels sont les meilleurs instruments,

nonprofit organization, has been dedicated to bringing the discipline of applied scientific research to discover which medical procedures, devices, drugs, and processes are best, all to enable healthcare institutions to improve patient care.

For more information, please see ECRI Institute's May 2017 article on this initiative:

*Improving IPM Completion Rates — How Service New Brunswick Used the “Critical Percentage” Concept to Meet Its Goals*

procédures, médicaments et processus médicaux, afin que les établissements de santé puissent améliorer les soins offerts aux patients.

Pour obtenir plus de renseignements, veuillez consulter l'article de mai 2017 (en anglais seulement) de l'institut ECRI portant sur cette initiative :

*Improving IPM Completion Rates — How Service New Brunswick Used the “Critical Percentage” Concept to Meet Its Goals*

Interested in publishing your story in the monthly e-Bulletin or the quarterly Newsletter? [Contact us](#) to discuss your topic!