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# CMBES/SCGB Monthly e-Bulletin

February 2016

## Message From the President

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

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Greetings Biomedical Engineering Community,

Our first webinar for the new year occurs on February 5th and will discuss the "Role of Healthcare Technology Management in Medical Device Integration and Alarm Management". This is a very topical subject for me at Island Health as we are going live in March with the integration of vital signs monitors, fetal monitors, and patient monitors with the Cerner Electronic Health Record system. Be sure to listen in as I expect all of the healthcare institutions will progress down this path at some stage.

The program for the Calgary CMBEC 39 conference will be posted soon, which will include information on the Academic, Clinical Engineering and Biomedical Technology streams, in addition to a number of continuing education opportunities. Be sure to start arguing for the approval to attend our national conference in May. This is the forum where student researchers, clinical engineers and our industry partners get together to share ideas and foster the development and progress of healthcare technology.

## Message du président

*Du bureau du président de SCGB, Martin Poulin*

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Salutations Communauté d'Ingénierie Biomédicale,

Notre premier webinaire pour la nouvelle année se tiendra le 5 février et abordera le "Rôle de la gestion des technologies des soins de santé dans l'intégration informatique des dispositifs médicaux et la gestion des alarmes". Ceci est un sujet d'actualité pour moi à "Island Health" puisque nous allons procéder à partir du mois de Mars à l'intégration des données des moniteurs de signes vitaux, des moniteurs fœtaux, et des moniteurs physiologiques avec le système de dossier de santé électronique de Cerner. Soyez donc à l'écoute de ce webinaire car je m'attends à ce que tous les établissements de soins de santé progressent dans cette voie dans un futur plus ou moins proche.

Le programme de la conférence de Calgary CMBEC 39 sera bientôt affiché. Cela comprendra des renseignements sur les thèmes Académique, de l'Ingénierie Clinique et de la Technologie Biomédicale, en plus d'un certain nombre d'opportunités de formation continue. Assurez-vous de commencer à plaider votre cause pour obtenir votre approbation à assister à notre conférence nationale en mai. Cette occasion

Thank you,  
Martin

unique est un forum où les étudiants – chercheurs, ingénieurs cliniques et nos partenaires de l'industrie se réunissent pour partager des idées afin de favoriser le développement et le progrès de la technologie des soins de santé.

Merci,  
Martin

## **CMBEC39 Update**

*From the desk of the CMBEC39 Conference Chair, Kelly Kobe*

### **2016 CMBEC Call for Paper Abstracts is now closed.**

Friday, January 15th, 2016 marked the deadline for this year's Call for Paper Abstracts for the upcoming CMBEC39 in Calgary. Abstracts' submission is now closed. We received a great number of abstracts and our reviewing team have since completed the abstract review with notifications going out on February 1st. The deadline for final paper submissions has respectively been extended until March 1, 2016 with final paper acceptance notifications by March 18, 2016.

Thank you to all those who submitted abstracts for the 2016 CMBEC and good luck to everyone!



**EARLY BIRD REGISTRATION IS OPENING SOON.  
DON'T MISS IT!**

### **Register before April 1st, 2016 and save on a full delegate pass!**

Registration information and rates are available on the CMBEC39 pages [here](#). Did you know that you can get preferred pricing on a variety of CMBES services and events, including the conference registration fees for Canada's largest Biomedical Engineering Conference – CMBEC39? Become the CMBES member Now & Save! [Click here](#).

### **[CMBEC39 Program-at-a-Glance is now available online!](#)**

CMBEC39 Program-at-a-Glance was published! Check it out at [this link](#) and find out what's in store for this year's conference!

### **Have you booked your stay in Calgary?**

Don't delay it and book your stay today at the Hyatt Regency Hotel in Calgary, the host hotel of CMBEC39. All the CMBEC events will take place here!

[Click Here](#) to reserve your room at the hotel.

**Exhibits are selling out fast!** Don't miss a great opportunity to showcase your company's services and products at the CMBEC39 in Calgary! Interested in exhibiting? Complete your [exhibit form](#), select your [booth location](#) and be part of this great event!

### **Sponsorship Opportunities**

Become a Sponsor and take advantage of the unique opportunity to align your business with leaders in the Clinical and Biomedical Engineering fields. Interested in spotlighting your company and raising your company's profile with the most influential people in the industry? There is no better way than at CMBEC39! Have a look at our [new sponsorship program](#), [register today](#) for your sponsorship!



## **REMINDER: Register Today for the next CMBES WEBINAR!**

### **The Role of Healthcare Technology Management in Medical Device Integration and Alarm Management**

**Friday, February 5, 2016**  
11:30 am – 1:30 pm EDT

Registration Fee:  
\$100 – CMBES members  
\$130 – per CMBES member site  
\$130 – Non-members of CMBES

ATTENTION: Free Webinar Registration for the CMBES Student members.  
Not a student member?

[Sign up today](#) and register for this webinar for free of charge.

**REGISTER HERE**

**Presented by Izabella Gieras, MS, MBA, CCE, CSSBB  
Director of Clinical Technology, Huntington Memorial  
Hospital**



Izabella is currently the director of Clinical Technology at Huntington Memorial Hospital in Pasadena, CA. Most recently she worked as the ARAMARK Healthcare director of the clinical engineering department at The Mount Sinai Medical Center in New York City. Prior to that, she was with William Beaumont Hospital as the Director of Technology Management. She holds a B.S. in Electrical Engineering from the University of Cape Town in South Africa, a M.S. in Biomedical Engineering from the University of Connecticut and an MBA from Walsh College in MI.

Izabella has also received a CSSBB (Certified Six Sigma Black Belt) from the Certification Board of the American Society of Quality, and has a CCE (Clinical Engineering Certification) from the U.S. Board of Examiners and Healthcare Technology Certification Commission. Additionally, Izabella received the Healthcare Technology Management Leadership award in 2015 from AAMI.

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**The 50th Anniversary Task Force  
Update**

*From the desk of the Task Force Secretary,  
Amanda Saigeon*

As you are aware CMBES is celebrating its 50th anniversary, and a commemorative journal will be published in time for CMBE39 conference in Calgary, Alberta. I will be updating the membership with the topics and content that the Task Force discussed from time to time.

Do you know where the very first CMBE39 was held? The 50th Anniversary Commemorative Journal will provide answers to this and other pertinent questions. The journal will cover CMBES History, Achievements, Awards & Honors, Discoveries, Professional Affairs and Advocacy, as well as Future Directions.

Are you interested in contributing to any of these topics? The Task Force is inviting any interested individuals or communities to contribute content.

Please contact the [CMBES Secretariat](#) for more information, and if you are interested in

securing an advertising, available for this special publication.

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## **The Professional Affairs Committee Update**

*From the Desk of the Chair of the Professional Affairs Committee, Andrew Ibey*

### **Position Statement:**

The professional affairs committee is excited to present the first published [CMBES Position Statement](#). The position statements will communicate the current state on (potentially) contentious issues to provide guidance to members. Our inaugural position statement is on "Medical Device Inspection Due Labels" and can be found shortly on the CMBES website.

We look forward to making this a permanent component of this committee and welcome any further topics requiring clarification to be sent to the [CMBES Secretariat](#) for consideration.

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## **The Publications Committee Update**

*From the desk of the Publications Committee Chair, Tidimogo Gaamangwe*

CMBES is in the process of building a library of biomed images that may be used for promotional material. In preparation for this, a policy on intellectual property rights was presented to the CMBES Board and approved at the December meeting. Please contribute your images, accompanied by a descriptive caption, to the [Secretariat](#) for this initiative. Examples of images include hospital sites, equipment, professionals at their workplace, etc. These images will be featured in the CMBES e-bulletin, newsletter, website and in the 50th Anniversary Commemorative Journal.

Another item that was approved at the December meeting was the Guidelines for promoting CMBES member publications. If you are aware of any member publications, e.g. a book, please contact the [Professional Affairs Committee Chair, Andrew Ibey](#) to consider inclusion in the e-bulletin.

Policies on [submitting images to CMBES](#), and [promoting members' publications](#) are now available on the CMBES website.

The next CMBES newsletter is scheduled for this March. If you have an idea for a story, muse, tech update, etc., that you would like to discuss, please contact the [appropriate editorial board member](#).

If you have any articles ready, en *Anglais ou en Français*, kindly email them to [Mike Capuano](#) or [Rachel Zhang](#) for review by February 15th, 2016. We look forward to receiving your articles.

Please feel free to contact [myself](#) or the [CMBES Secretariat](#) with any questions, comments or

feedback.

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## **Supportability of Medical Devices**

*From the Desk of the CMBES, Vice President, Mike Capuano*

At last year's World Congress, a session was conducted to appraise the current situation related to the serviceability and supports for in-house and third party repair entities. These include information and service documentation from vendors, technical training, systems access, and various barriers to obtaining the supports needed to service medical devices in-house. Myself, co-presenter Jean Ngoie, and an invited panel of experts presided over the summit (see photo). A white paper summarizing many of the perspectives from that meeting is still in development and is expected to be released prior to CMBEC39. The session was dubbed, 'World Summit' on the supportability of medical devices because it had the perfect timing to acquire viewpoints, not only from here in Canada but from around the world. From this came a notable realization: issues related to supportability in the United States are indeed exacerbated in other countries including Canada and especially third world countries.

The matter is complex and, to some degree, polarized between the industry and field servicers (e.g. biomed/CE community). Over the last 2 to 3 years there has been an increase in awareness of the issue coming from individuals and organizations that have stakes in it. In addition to the CMBES tackling this last year at WC2015, AAMI (Association for the Advancement of Medical Instrumentation) has also made a commitment to address the issue. AAMI's TMC (Technology Management Council) struck a task force (Supportability Task Force) dedicated to bring manufacturers and users (Biomed/CE) together to fashion out a framework of collaboration. Activities include a survey launched early last year and a 'Supportability Forum' which I attended in early November. The Forum brought manufacturer and Biomed representatives together (see photo) to highlight the barriers, impacts, and perspectives from both sides. Articles and features on the topic continue to be published in their journal (BIT) and AAMI News some of which include comments and input from myself.

### [AAMI Supportability Survey Results](#)

The issue can clearly be referred to as the 'elephant in the room' especially when trying to obtain the supports we need as part of the equipment acquisition process. As you know, over the last several years, it has become imperative that hospital procurement strategies cover off support requirements geared to in-house services. I call these 'brute force' tactics because they need to be in place for almost every vendor we deal with these days. Of course we know there are companies that do a good job at supporting in-house services. We're hoping their perspective spreads to others not quite on-board with providing excellent unhindered support for in-house biomedical programs.



WC2015 Summit on the Supportability of Medical Devices – June 2015



AAMI's Forum on Supportability – Nov 2015

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## Medical Device Playbook 2016 comes to Toronto and Vancouver in March



Save the date! The Medical Device Commercialization Playbook 2016 is coming to Toronto's MaRS Discovery District on March 14, and to Vancouver on March 31.

A full day of industry speakers and panels from across North America will discuss what it takes to *Go from start-up to the first \$50M*. Network and learn 2016 trends and opportunities for scaling, regulatory, entrepreneurial, and innovation design control from industry veterans.

Toronto speakers include:

- [Larry Spears](#) – Former FDA Deputy Director for Regulatory Affairs,
- [Mikael Totterman](#) – Clerio Vision, iCardiac,
- [Cheryl Reicin](#) – Partner at Torys LLP, Chair of Life Sciences Practice,
- [Ben Wagner](#) – Christie Medical,
- [Joel Weinstein](#) – Partners Health Care – CIMIT, SenoSENSE Medical Inc.,
- [Michael Baker](#) – CEO Otoharmonics Corporation, Co-Founder Applied Exergy, Inc., Founder Home Dialysis Plus, Ltd., and
- [Ramgopal Rao](#) – CEO 2C Tech Corporation, CEO LensGen

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## The Waterloo Region – More Than a BlackBerry Hub

## *From the Waterloo Biomed group*

While the Waterloo Region is well known as a tech innovation hub, specifically for the BlackBerry, did you know that there is a vibrant BME group in the heart of this vibrant community? Situated at the Grand River Hospital is a Biomed group that is not only providing services to this region, but is poised to play an important role in the development of essential skills for BME students at the University of Waterloo. This quiet but serious BME group will be featured in the upcoming March newsletter. Be sure to catch their feature article in March!



(Biomed team): Biomedical Engineering Team: Sara Salari, Andrew Cook, Mark Solc, Celine Mota



Ross Mullen (Manager, Information Technology & Telecommunications)  
Sara Salari (Manager, Biomedical Engineering)  
Nathan Lee (IS Business Relationship Manager & Applications)  
Adrian Johnson (Director, IS & Biomedical Engineering & Health Records)

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## **CMBES Forum Update**

*From the Desk of the CMBES Secretary, Michael Hamilton*



Have you been keeping up with the CMBES Forum? To join in, simply [sign into your CMBES Network account](#) and select "Forum" from the drop down box. Outlook users can also receive CMBES posts in their inbox by following [some simple instructions](#). If you haven't logged in recently, here's some of what you've been missing:

### [Preventive Maintenance on NIBPs](#)

*Monday, November 30, 2015 by A. Krivoy*



Hello Colleagues, I wanted to ask you if you perform regular preventive maintenance on NIBPs...

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## UPCOMING EVENTS

**May 24 - 27, 2016**

CMBEC39, May 24-27,  
Calgary, AB



**2017**

CMBEC40, 2017  
Winnipeg, MB



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