



CSB/SCB NEWSLETTER

June 2011

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PRESIDENT'S MESSAGE

Summer has arrived and has brought with it, for many of us, a change in routine and a chance to refocus and recharge after busy academic terms. There are pressures to be productive and to satisfy external demands placed upon us, whether we are students or faculty. In addition to these pressures, most of us are internally driven to achieve, solve problems and answer questions through our research that will benefit society. Canada has a wealth of research excellence in biomechanics which has been developed and celebrated over many years. During the busy summer research terms that many of us have, it can be easy to forget how important it is to take stock in what we and others have accomplished and to recharge and enjoy life with friends and family. I would like to encourage members to consider supporting, strengthening and celebrating the CSB. One important way you can do this is by nominating deserving members of our society for the CSB Career Award. As described below, Career Awards are presented to honour those individuals who have been active in promoting the field of biomechanics in Canada. Please give some thought to nominating a worthy member for a CSB Career Award some this summer as we draw closer to the deadline (October 6th, 2011) for the next round of nominations prior to the 2012 conference at Simon Fraser University.

In the Membership section of the newsletter, an update is provided regarding the status of the change over in our membership process. As you will recall, at our last meeting at Queen's in 2010, we voted to change to an annual membership payment structure. In order to process these renewals as efficiently as possible, we have been working on an online system that will allow you to pay your annual membership through PayPal. This new system will look very similar to what is available through the ASB and ISB and will allow us to streamline and consolidate the financial aspects related to membership processing and enable key features such as online voting (a motion also carried at our last meeting). There has been significant work behind the scenes to get the website ready for this transition and to modernize how your memberships are handled once received. Up until now, online memberships have been processed manually. This takes considerably more time and effort than necessary and puts a significant strain on the person in the position of Member Affairs and Secretariat. Since taking on this position last year, Andrea Clark has done a fabulous job changing over the banking system that handles our memberships so that it meshes with the new PayPal system and membership database that are nearly ready to test. Thanks also need to be extended to our Past President Peter Keir for his dedication to this overall initiative and for his hard work with the ISB representative in making this a reality. We hope that final connections and complete testing of the new online system will occur shortly. We will be in touch soon thereafter to initiate the membership renewals.

Updates from our Conference Chair, Stephen Robinovich, and messages from our Student Representatives Chad Gooyers and Evelyn Anaka are also included in this issue of the newsletter for your consideration. Please feel free to contact me or any of the executive members with your ideas, suggestions or concerns about the society or initiatives that we are undertaking.

On behalf of the CSB executive, I hope you all have a healthy and enjoyable summer season. All the best with your work and personal endeavours.

David Andrews, President

CSB CAREER AWARD NOMINATION

Guidelines

The CSB Career Award is intended to honour those individuals who have been active in promoting the field of biomechanics in Canada. The primary conditions for eligibility are:

1. Nominations should be put forward by any regular member of the Society and must be received by the executive nine months prior to the biennial conference (next conference is June 6-9, 2012, so the deadline for nominations is October 6th, 2011).
2. The person nominated should be a recognized leader in their field and must have been active in advancing, promoting, and publishing knowledge in the area of biomechanics, in Canada in particular.
3. The nominations proposed should also include the names of other leading researchers who could be contacted for their opinion and comments regarding the nominee. An up-to-date CV plus copies of the significant papers of the nominee should also be provided.

The executive committee of the CSB, in conjunction with past presidents of the Society will select a candidate for the award; however, an award will not necessarily be given at every conference.

The award itself consists of a certificate or plaque, which is intended to represent the work of the recipient. In addition, the recipient will give a keynote address at the biennial conference of the society and will attend the conference as the CSB's guest.

(Note: These conditions of eligibility/nomination guidelines are also found on the CSB website in the Executive Handbook at <http://www.health.uottawa.ca/biomech/csb/executive.htm>)

COMMUNICATIONS REPORT

As we move into the summer hopefully everyone will be able to enjoy the great outdoors with family and friends. Again with this newsletter we are hoping to engage our membership and provide a place where faculty members/researchers and students can find pertinent information related to biomechanics. Continuing in this newsletter are the “Thesis Corner” and “Research News” sections. Please forward any contributions to “Thesis Corner” or “Research News” for inclusion in the newsletter and online to me.

We are continuing the re-development of a new website that will serve the Society for the long term. We are always looking for new ideas, information and feedback on the website (especially broken links). Please contact me directly with news stories, interest or information (sperry@wlu.ca).

I hope that we can provide all of the members with up-to-date information about the various aspects of the Society and biomechanics in general over the next few years.

Thanks to the University of Ottawa for hosting our current website.
The Society webpage address is:

www.csb-scb.com

Stephen Perry, Communications Officer and Webpage Editor

CSB/SCB Membership

As described above in the President's Message, work has been ongoing with respect to transforming the online membership process, and in terms of how memberships are handled after payment has been made. Although getting the banking aspects of the process in order has been a challenge, the changes that have been made will dramatically reduce the work and increase the efficiency with which membership renewals and new memberships are handled in the future. Manual processing of memberships has been eliminated, which will make it much easier and efficient for me and subsequent members in this position.

The membership payment link on the CSB website was recently taken off line in order to facilitate the transition to the new system and to keep memberships from being initiated through the old system, which is no longer in use. The few memberships that were made online between the end of October of 2010 and when the link was taken offline (May 2011) have not been processed and cannot be accessed. Please check the website regularly over the next while for the new system to come online. Members will be notified when the changes are complete. Thank you very much for your patience in this regard as we move forward with improvements that will benefit our members.

Andrea Clark, Member Affairs and Secretariat

Student Report

We would like to remind all student members that the CSB offers two Student Travel Awards annually (one at the Masters level and one at the PhD level). The awards are intended to support graduate student travel to other laboratories to expand research experience. Please see the guidelines on the CSB website for more information (<http://www.health.uottawa.ca/biomech/csb/Students/travelaward.pdf>).

Please email us if you have suggestions to improve resources for student members.

Chad Gooyers & Evelyn Anaka

The 'Thesis Corner' and the 'Research News' sections are two areas that we hope will continue in our biannual newsletters. Please submit the titles of recently completed master's and doctoral theses. The thesis corner will only contain the title, name, year and institution along with a web link to the abstract on the CSB/SCB website (if desired). The research news items will start next newsletter. I encourage everyone to submit their own or their student's recently completed thesis abstracts and any Research News associated with any Canadian Biomechanics Lab to sperry@wlu.ca.

THESIS CORNER (<http://www.health.uottawa.ca/biomech/csb/students.htm>)

Optimal control of human running (Ross H. Miller, PhD Dissertation, Supervisor: Graham E. Caldwell, University of Massachusetts Amherst, May 2011)

Stair Negotiation in an older adult population: Analysis of the lower limb. (Samantha M. Reid, PhD Dissertation, Supervisor: Patrick Costigan, Queen's University, Kingston, Ontario, September 2010)

RESEARCH NEWS (<http://www.health.uottawa.ca/biomech/csb/students.htm>)

Newspaper Article (<http://www.thewhig.com/ArticleDisplay.aspx?e=3130228&>) in the Kingston Whig Standard featuring lab research: "Device gives average Joes and Janes the pro treatment".

Lab Opening - There is a new research lab at the Toronto Rehab Institute called the CEAL (Challenging Environment Assessment Lab), take a look at [http://www.torontorehab.com/Research/Facilities/Labs/Challenging-Environment-Assessment-Lab-\(CEAL\).aspx](http://www.torontorehab.com/Research/Facilities/Labs/Challenging-Environment-Assessment-Lab-(CEAL).aspx)

UPCOMING CONFERENCES

(an updated list with links can be found at www.csb-scb.com)

2011

International Society of Biomechanics (ISB) Congress XXIII
Brussels, BELGIUM, July 3-7, 2011
(<http://www.isb2011.org/>)

American Society of Biomechanics (ASB) Conference
Long Beach, California, USA, August 10-13, 2011
(<http://www.visitlongbeach.com/asb2011>)

Association of Canadian Ergonomists (ACE) Conference
London, Ontario, CANADA, October 18-20, 2011
(<http://www.ace-ergocanada.ca/>)

2012

International Ergonomics Association (IEA) Congress
Recife, BRAZIL, February 12-16, 2012.
(<http://www.iea2012.org/>)

Ontario Biomechanics Conference (OBC)
Barrie, Ontario, CANADA, March, 2012

Canadian Society for Biomechanics (CSB) Conference
Burnaby, British Columbia, CANADA, June 6-9, 2012
(<http://www.sfu.ca/CSB-SCB2012>, Note: Website not currently active, keep checking)

European Society of Biomechanics (ESB) Conference
Lisbon, Portugal, July 1-4, 2012
(www.esbiomech2012.org)

Canadian Society for Biomechanics (CSB) 17th Biennial Conference

Simon Fraser University, Burnaby Mountain Campus, Burnaby, British Columbia
June 6-9, 2012

(<http://www.sfu.ca/CSB-SCB2012>; Note: Website not currently active, keep checking)

News Release CSB/SBC 2012 Biennial Conference

CSB/SCB 2012 Conference, June 6-9, 2012.

Save the date for the next Biennial Conference of the Canadian Society for Biomechanics in beautiful British Columbia. Look forward to exciting keynote lectures on topics ranging from tissue mechanics to whole body biomechanics and the opportunity to present your research in podium and poster presentation or to the general public in our new public forum feature. Abstract submission deadline is February 1st with notification of acceptance on March 1, 2012.

Important Dates for Abstract Submission (via the website)

Deadline for Abstract Submission: February 1st, 2012

Notification for Acceptance: March 1st, 2012

The website is located at <http://www.sfu.ca/CSB-SCB2012> (Note: Website not currently active, keep checking) and the email address is csb2012@sfu.ca for further information. We look forward to seeing everyone in June 2012.

Sincerely,

Steve Robinovitch, CSB Conference Chair

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