



# CSB/SCB NEWSLETTER

March 2004

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## PRESIDENT'S MESSAGE

The Executive Committee of the CSB has been having tele-conference calls over the past months to discuss initiatives that should help to stimulate communication, membership, and interactions in the CSB. I'm sure you know most of the Executive Committee working for you, but in case you may not be familiar with everyone, here, in a relatively random order is your Executive:

Francois Prince (Montreal) Past President  
Cheryl Kozey (Dalhousie) Chair of the 2004 CSB Conference (4-7 August 2004)  
Steve Prentice (Waterloo) Secretary  
Gordon Robertson (Ottawa) Communications  
Jennifer Durkin (McMaster) Student Member  
Janet Ronsky (Calgary) Member at Large  
Heather Butler (Dalhousie) Student Member  
Joe Hamill (Massachusetts) Member at Large  
Darren Stefanyshyn (Calgary) Treasurer & Membership  
Ron Zernicke (Calgary) President

One of the steps we have agreed that was needed was to re-invigorate the CSB Newsletter, as evidenced by this issue. In this issue, you will find up-to-date information about the upcoming Biennial CSB Conference that will be held in Halifax, 4-7 August 2004. Cheryl Kozey and her colleagues have already set up a great program of confirmed keynote speakers and symposia, as well as organizing special sessions targeted at young investigators and students (e.g., the How-to of successful grants at CIHR and NSERC, and Career paths and options for biomechanists). Make sure that you submit your abstracts to the CSB Conference and be sure to put the August 2004 dates in your calendar. It promises to be an excellent meeting. You might note that the ASB meeting for 2004 is in Oregon, so some east-coast ASB members may wish to attend the CSB meeting as an alternative to traveling across the continent.

The website for the CSB 2004 meeting is: [www.csb2004.ca](http://www.csb2004.ca) <<http://www.csb2004.ca>> - check it out for on-going updates. Students, also be sure to check on travel awards that will be available for attending the CSB meeting in Halifax.

Among the other initiatives that you'll be hearing more about in 2004 will be the "membership drive." Darren will lead a drive to recruit more members to the CSB. Frequently, we have a strong turnout for the biennial meeting, but not all of those people become members. There will be a reduced rate for members at the Halifax meeting, so take advantage of the membership's benefits. We will, especially, be targeting "student" memberships in the coming year; they are the key to the CSB future.

If you have logged on to the CSB website recently, you have found that Gordon is doing a great job! (<http://www.health.uottawa.ca/biomech/csb/>)

Our goal is to extend the membership of the CSB, to enhance communications among its members, and to provide the best of biennial conferences. If you have any comments, suggestions, or feedback for me or any of the Executive Committee members, we are very interested in hearing from you.

All the best to everyone in 2004!

*Ron Zernicke, President*

## COMMUNICATION OFFICER'S MESSAGE

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

<http://www.health.uottawa.ca/biomech/csb>

New as of this March 2004, members may now pay their dues online using their Mastercard or Visa accounts. The above website address has a link to a secure website that can receive credit card information and transmit membership information to the CSB Secretariat via encrypted email. Your credit card information will not be kept by the host computer. It can only be decrypted at the Secretariat.

<http://www.health.uottawa.ca/biomech/csb/dues.htm>

The website has a list of journals that are commonly used by biomechanists (others can be added at your request). Included with each journal is a link to the journal's author information. New to this page is each journal's abbreviation and impact factor as calculated by ISI Web of Knowledge:

<http://www.health.uottawa.ca/biomech/journals.htm>

For free software suitable for planar motion analysis try the link:

<http://www.health.uottawa.ca/biomech/csb/software>

especially useful is a program for data analysis of analog waveforms at:

<http://www.health.uottawa.ca/biomech/csb/software/bioproc2.htm>

Some people have asked for the data presented in Dr. Winter's textbook. These are available at:

<http://www.health.uottawa.ca/biomech/csb/software/data.htm>

Please feel free to send comments or contribute data or software to the site. Send your information by email to Gord Robertson at [dger@uottawa.ca](mailto:dger@uottawa.ca).

*D. Gordon E. Robertson, Communications and Webpage Editor*

## MINUTES OF THE GENERAL MEETING 6 August 2002, Calgary

Present: François Prince (President), Ron Zernicke (Member at Large, Conference Co-Chair), Darren Stefanyshyn (Secretariat), Gord Robertson (Communications), Cheryl Kozey (Member at Large), Tim Bryant (Member at Large), Janet Ronsky (WCB Liaison, Member at Large), Steve Prentice (Secretary-Treasurer).  
A total of 50 members in attendance including the above.

1. **Presentation of Agenda:** François Prince

2. **Approval of Minutes of 2000 AGM:** **Moved:** Gord Robertson 2<sup>nd</sup> : Cheryl Kozey  
Discussion: None **CARRIED**

3. **Presentation to Past President:** François Prince

- painting to honour contributions of Stu McGill during his tenure as President of the CSB/SCB

#### 4. Reports:

a) President's Report: François Prince

- acknowledgement of WCB Committee & CSB/SCB Symposium Chairs & speakers, New Investigator Award Chair and Committee members
- acknowledge the members of the CSB/SCB Executive
- announced reduced Elsevier journal subscription rates for CSB/SCB members
- announced the completion of the French translation of the CSB/SCB Executive Handbook (to be added to CSB/SCB web site)
- announced CSB/SCB support of the Canadian Sport Research Program, which is a joint effort from the Canadian Society for Exercise Physiology, Canadian Academy of Sport Medicine, Canadian Society for Psychomotor Learning and Sport Psychology and the CSB/SCB

b) Communication Officer: Gord Robertson

- update on web page activity
- web now includes pages with French translation
- links to Canadian University and Grad Programs
- links to journals and author instructions
- formatted data sets and anthropometric information

c) World Congress of Biomechanics Liason Officer - Conference Report : Janet Ronsky

- report submitted
- attendance of over 1800 registrants including over 80 CSB/SCB members
- CSB/SCB activities included 2 symposia, Career Award and New Investigator Award Sessions
- CSB/SCB share of registration was predetermined at \$10 000 and after expenses (approx. \$3 700) leaves a net gain of over \$6 300

d) CSB/SCB Fellow Presentations: Darren Stefanyshyn

- new membership status aimed at recognizing commitment to the CSB/SCB and high academic standards
- all previous and current CSB/SCB Career Award winners were granted Fellow Status (David Winter, Robert Norman, Gavin Reid, Micheline Gagnon, Benno Nigg)
- announced that CSB/SCB Career Award winners are also granted lifetime CSB/SCB Membership
- 2 additional CSB/SCB Fellows were announced: Graham Caldwell, Eric Sprigings

d) Secretariat: Darren Stefanyshyn

- see attached budget and membership report

**Motion:** To receive the budget.

**Moved:** Cheryl Kozey

Discussion: None

**2<sup>nd</sup>:** Ron Zernicke

**CARRIED**

- e-mail membership list has been created
- proposal to add Visa as method of membership payment
- add online membership application and dues renewal
- finding ways to add value to membership
- discussed the idea of adding membership fee to registration

e) Millenium Fund: Cheryl Kozey

- outlined sponsorship drive and indicated the need to continue approaching companies
- presentation of Student Travel Award eligibility and criteria (can also be found on the CSB/SCB webpage)
- no applications have been received for this program aimed at promoting cross-fertilization of biomechanics research in Canada.

f) 2004 CSB/SCB Conference: Cheryl Kozey

- conference to be held in Halifax NS, 4-7 August 2004 at the Westin Hotel
- web site: [www.csb2004.ca](http://www.csb2004.ca)

**6. 2003-2004 CSB Executive:**

- President - Ron Zernicke (acclaimed)
- Secretary/Treasurer - Steve Prentice (acclaimed)
- Communications Officer- Gord Robertson (acclaimed)
- Secretariat - Darren Stefanyshyn (acclaimed)
- Members at large: Janet Ronsky (acclaimed), Joe Hamill (acclaimed)
- 2004 CSB/SCB Conference Chair: Cheryl Kozey
- Student Members: Heather Butler & Jennifer Durkin (elected)

**9. Other Business**

- None

*Motion for adjournment*: Cheryl Kozey      2<sup>nd</sup> : Steve Prentice      **CARRIED** (unanimous)

*Stephen Prentice, Secretary/Treasurer*

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## CSB / SCB NOTICES

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### CSB/SCB 2004

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The Canadian Society for Biomechanics/ Société Canadienne de Biomécanique (CSB/SCB) will hold its 13<sup>th</sup> biennial conference, CSB2004, in Halifax from 4-7 August 2004, hosted by Dalhousie University. The conference theme is Expanding Biomechanical Solutions. The conference will include key elements such as the locomotion symposium and young investigator awards, as well as introducing new areas such as cardiovascular mechanics. It is the first CSB only conference since the 1996 conference in British Columbia, so it will provide an opportunity for important networking for Canadian Biomechanists. Halifax is a wonderful city in August, offering a host of historical and scenic

attractions, as well as a very lively night life. More details on the conference such as important dates, conference venue, themes and updates as they become available can be found on our website [www.csb2004.ca](http://www.csb2004.ca) or through a link on the CSB website. If you have additional ideas for a symposium that you would like to organize, or would like us to investigate, please contact either Kevin Deluzio ([kevin.deluzio@dal.ca](mailto:kevin.deluzio@dal.ca)) or John Kozey ([john.kozey@dal.ca](mailto:john.kozey@dal.ca)), Co-Chairs, Scientific Committee. If you have any other questions contact Cheryl Kozey ([clk@dal.ca](mailto:clk@dal.ca)) Conference Chair. We hope to see you next summer in Halifax.

*Cheryl Kozey, Conference Chair*

CSB2004 website: <http://www.csb2004.ca/>

## **CSB/SCB Membership**

Membership as of 4 November 2003. Membership up over 50% since 2002 meeting.

A large number of memberships have expired and are now due. Those people will be contacted shortly to renew. A membership form follows or can be found on the CSB/SCB webpage, You can also safely pay dues online at:

<http://www.health.uottawa.ca/biomech/csb/dues.htm>

Regular members	54
Student members	44
<b>Total</b>	<b>98</b>

*Darren Stefanyshyn, Secretariat*

**CANADIAN SOCIETY FOR BIOMECHANICS  
SOCIÉTÉ CANADIENNE DE BIOMÉCHANIQUE**

**Membership Application/Demande d'Adhésion**

Name/Nom \_\_\_\_\_

Degrees or Diplomas / Diplômes \_\_\_\_\_

Business Address / Adresse d'affaires \_\_\_\_\_

\_\_\_\_\_

Postal Code / Code Postal \_\_\_\_\_ Phone \_\_\_\_\_

E-mail \_\_\_\_\_ Fax \_\_\_\_\_

Home Address / Adresse Personnel \_\_\_\_\_

\_\_\_\_\_

Postal Code / Code Postal \_\_\_\_\_ Phone \_\_\_\_\_

Area(s) of Research / Intérêts de recherche \_\_\_\_\_

**Membership Class (for two years)**

**Member (\$100.00 /2 years) Membre (100,00 \$ /2 ans)**

**Student (\$40.00 /2 years) Étudiant (40,00 \$ /2 ans)**

Mastercard no. \_\_\_\_\_ Expiry date \_\_\_\_\_

Signature \_\_\_\_\_ Date \_\_\_\_\_

Send this form with your remittance to:

Renvoyer ce Formulaire avec votre cotisation à:

**Secretariat, Canadian Society for Biomechanics,**

Dr. Darren J. Stefanyshyn

Faculty of Kinesiology, University of Calgary

2500 University Drive NW

Calgary, Alberta, Canada, T2N 1N4

**Or pay online at:** <http://www.health.uottawa.ca/biomech/csb/dues.htm>

**EXECUTIVE MEMBERS / MEMBRES D'EXÉCUTIF**  
**CSB/SCB 2002-2004**

<b>President</b>	Dr. Ron Zernicke Faculty of Kinesiology University of Calgary 2500 University Drive NW Calgary, Alberta, Canada, T2N 1N4	Phone: 403-220-5607 Fax: 403-270-0448 Email: zernicke@ucalgary.ca
<b>Secretary/Treasurer</b>	Dr. Stephen Prentice Department of Kinesiology University of Waterloo Waterloo, ON, N2L 3G1	Phone: 519-888-4567 ext. 6830 Fax: 519-746-6776 Email: sprentic@healthy.uwaterloo.ca
<b>Conference Chair</b>	Dr. Cheryl Kozey School of Physiotherapy Dalhousie University Halifax, NS, B3H 3J5	Phone: 902-494-2635 Fax: 902-494-1941 Email: clk@dal.ca
<b>Past Conference Chair</b>	Dr. Francois Prince Département de kinésiologie Université de Montréal C.P. 6128, succursale centre-ville Montréal, QC, H3C 3J7	Phone: 514-343-7784 Fax: 524-343-2181 Email: Francois.Prince@umontreal.ca
<b>Secretariat and Member Affairs</b>	Dr. Darren Stefanyshyn Faculty of Kinesiology University of Calgary 2500 University Drive NW Calgary, Alberta, Canada, T2N 1N4	Phone: 403-220-8637 Fax: 403-284-3553 Email: darren@ucalgary.ca
<b>Communications and Webpage</b>	Dr. Gordon Robertson School of Human Kinetics University of Ottawa Ottawa, ON, K1N 6Y1	Phone: 613-562-5800 ext. 4253 Fax: 613-562-5149 Email: dger@uottawa.ca
<b>Members at Large</b>	Dr. Joe Hamill Department of Exercise Science Totman 101 University of Massachusetts Amherst, MA, USA, 10003-7805	Phone: 413-545-2245 Fax: 413-545-2906 Email: jhamill@excsci.umass.edu
	Dr. Janet Ronsky Dept. of Mechanical Engineering University of Calgary 2500 University Drive NW Calgary, AB, T2N 1N4	Phone: 403-220-8134 Fax: 403-282-8406 Email: jlronsky@ucalgary.ca
<b>Student Members</b>	Ms. Heather Butler Industrial Engineering Dalhousie University Halifax, NS, B3H 3J5	Phone: 902-454-2293 Email: hbutler@is.dal.ca
	Ms. Jennifer Durkin Department of Kinesiology McMaster University 1280 Main Street West	Phone: 905-525-9140 ext. 27937 Fax: 905-523-6011 Email: durkinjl@mcmaster.ca



**FINANCIAL REPORT 2003 BILAN FINANCIER**  
**(Calgary Account)**

**INCOME**

Opening balance (2002)	23 510.81
Membership fees	1 380.00
Sale of proceedings	45.00
Interest	8.89
<b>Total</b>	<b>\$1 433.89</b>

**EXPENSES**

Bank charges	133.69
Annual fee	30.00
New Investigator's Award	300.00
Executive conf. call	165.19
<b>Total</b>	<b>(\$628.88)</b>

**BALANCE**

**\$24 315.82 \***

**REVENUS**

Solde antérieur
Cotisation des membres
Vente des compte-rendus
Interet
<b>Total</b>

**DÉPENSES**

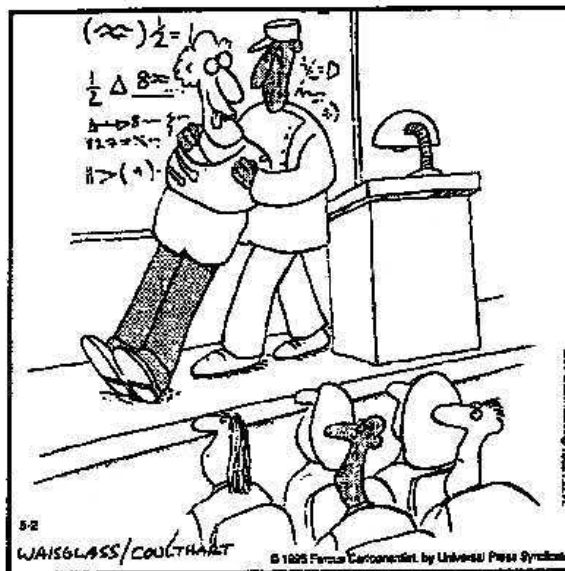
Frais de services bancaires
Frais annuel
Méritas de nouveau chercheur
<b>Total</b>

**SOLDE**

\* Balance does not include \$5000 loan to CSB 2004 organizers to be paid back at the conclusion of the conference.

*Darren Stefanyshyn, Secretariat and Member Affairs*

**FARCUS**



**After teaching first-year Biomechanics for 25 years, Professor Stothart takes a temporary leave from his faculty.**