

**September 2012**

**ISB** *Now*



September  
2012

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# President's Blog - September, 2012

By sherriS | September 2012

In this issue, I would like to highlight some of the work of the ISB Executive Council. The Executive Council consists of fifteen individuals who work tirelessly to ensure that the mission and programs of the ISB are executed in the best interest of the membership. The council communicates on a daily basis by e-mail (my ISB folder has accumulated 1374 messages for the year 2011 alone!), but also is mandated by the ISB constitution to meet in person once every year. In odd years, the council will meet on the Saturday and Sunday prior to the ISB Congress. In the even years, we usually plan our council meeting in conjunction with another society's scientific meeting. This year, the council meeting was on July 22-23, immediately after the ISEK 2012 Congress in Brisbane (Australia). It is important to note that no elected council member receives travel expenses from ISB, with the exception of the student representative. Several council members (including myself) traveled for more than 24 hours and suffered through major jet lags. It is truly remarkable to have a group of leaders in the society who are willing to make these efforts. The dedication of this team becomes even more apparent during the meeting itself. We always have a long agenda of discussions and decisions, and in all of those, we have the same guiding principle: how to best serve the interests of our membership as well as the worldwide biomechanics community. I will mention a few of the items that were discussed by the council during the meeting. ([more...](#))

## Student's Corner - September, 2012

By sherriS | September 2012

### Hi Student Members!

The ISB council had the opportunity to meet in Brisbane, Australia, immediately following the conference for International Society of Electrophysiology and Kinesiology (ISEK) in July. We discussed many exciting plans for ISB2013 Brazil, including options for student events and student travel grants! The student grant guidelines have been updated and are due November 30<sup>th</sup> (see <http://isbweb.org/student-section/student-grants>)! There are also additional options for student members from Economically Developing Countries to apply for travel grants to ISB2013 Brazil (see <http://isbweb.org/econ-dev-countries-projects/edc-information>). Read the guidelines carefully (and email me if you have questions) because some travel grant applications require abstracts to be presented at ISB2013 Brazil by November 30<sup>th</sup> (earlier than the regular abstract submission date). ([more...](#))

## Technical Groups - September, 2012

By sherriS | September 2012

### Update from the International Shoulder Group (ISG)

The International Shoulder Group recently held its biennial meeting, ISG 2012, in Aberystwyth, Wales, UK. The meeting was hosted by Ed Chadwick, current Chair of ISG, and at the time of the meeting Lecturer in the Department of Sport and Exercise Science at Aberystwyth University. After an Opening Reception in the National Library of Wales, two days of scientific presentations were shared among members. In addition to these 47 presentations, two outstanding Keynote addresses were given by Professor DirkJan Veeger of Vrije Universiteit Amsterdam and Delft University of Technology, and by

Professor Robert Kirsch of Case Western Reserve University. One of the hot topics of the meeting was the use of the term impingement as a diagnosis for shoulder pain. Evidence was presented challenging the idea that mechanical impingement of subacromial tissues is a mechanism for shoulder pain, while survey data presented at the meeting suggests that clinicians who treat shoulder pain cannot agree on what constitutes impingement. Discussion about the continued use of the term impingement will surely be ongoing within the ISG. Another area of great interest to the group is the use of modeling as a tool for studying the shoulder. Dr. Veeger's keynote address primed the group for this topic, and many of the presentations included the development or use of shoulder models. The ISG is an ideal forum for biomechanists from engineering and clinical backgrounds to come together and inform the current and future use of models for shoulder research. ([more...](#))

## Affiliated Societies - September, 2012

By sherriS | September 2012

### Korean Society of Sports Biomechanics News



The Korean Society of Sport Biomechanics (KSSB) was organized in 1976 as an academic organization with interest in the field of sport biomechanics. The KSSB is comprised of approximately 400 members with diverse sport science expertise; it is therefore essential to utilize various approaches in several fields of sport biomechanics. The KSSB publishes an academic journal quarterly and has biannual scientific conferences in which one or two international scholars are invited as a keynote speaker. In addition, we regularly interact with the International Society of Biomechanics (ISB), International Society of Biomechanics in Sports (ISBS) and other sport biomechanics organizations in Japan, China, US, Australia, Southeast Asia and other Pan-Pacific countries. The purpose of this KSSB is to activate the theory and field utilization of research related to sports and biomechanics while contributing to the development of sports study through professional knowledge, information exchange and international exchange with overseas academic organizations by and between members. We do this through: ([more...](#))

## Did You Know? - From the Archives - September, 2012

By sherriS | September 2012

The ISB has a number of categories of membership including: student, charter, full, and emeritus. The remaining category is that of honorary member, which,

*"...is restricted to a few individuals whose work has made outstanding contributions to the development of Biomechanics."*

The honorary membership currently consists of 16 individuals. Unfortunately some of these members have passed away (Levan Chkhaidze, James Hay, Ernst Jokl, Chauncey Morehouse, David Winter).



Jim Hay



Ernst Jokl



Dewey Morehouse



David Winter [\(more...\)](#)

## Meet Your Executive - Scott McLean, Education Officer

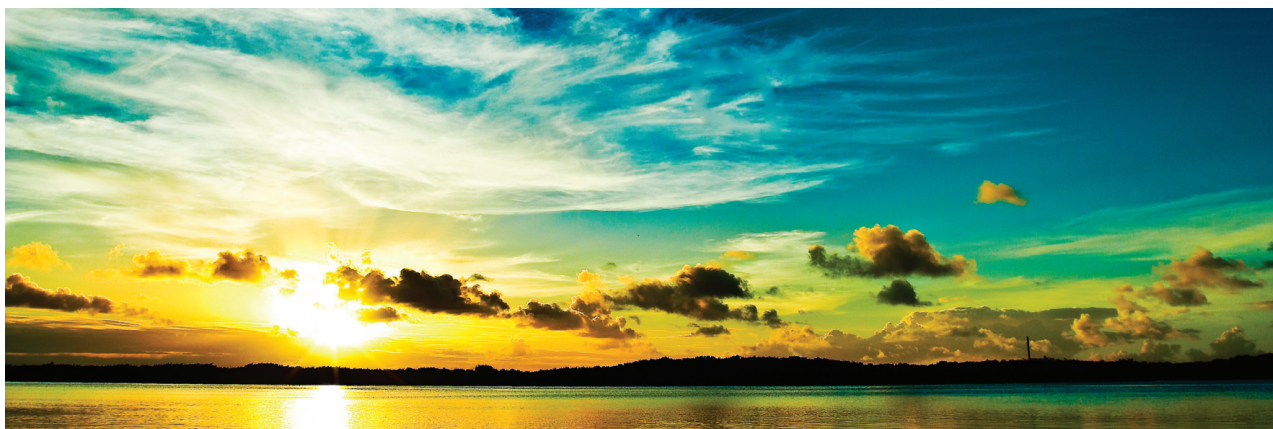
By sherriS | September 2012

As you know, ISB newsletters typically feature a “Meet Your Executive Section”. This time, I was asked to contribute to this section and honestly was not sure what to write. So, as suggested by Darren, I went back and looked at previous newsletters to see how my more senior and experienced colleagues had approached this task. In doing so, I quickly realized how limited my experiences, career and thus my “Meet Me” section was going to be. My goal, therefore, is to stay active on the ISB council long enough to perhaps fill this section with more interesting experiences and career attributes in future Newsletter editions.

[\(more...\)](#)

## ISB2013 BRAZIL

By sherriS | September 2012



Natal, “city of the sun”, is getting ready for ISB2013. Natal is the capital of Rio Grande do Norte State and combines natural, cultural, historical and scenic highlights, being one of the closest State capitals of Brazil to North America, Europe and Africa. Natal is located by the Atlantic Ocean and has beautiful beaches (400 km of coast) and fantastic scenery. Natal is one of the large cities of the Northeast of Brazil with about 800,000 inhabitants, and receives more than 2 million tourists from Brazil and foreign countries. The city of Natal is also known as the “Sun City” as the sun shines for about 300 days of the year, and it has the best air from all the American Continent. It has one of the best tourism of the Northeast region with several cultural attractions. In addition to the wonderful beaches within Natal,

close to the city there are several other beautiful beaches that can be reached by car or bus. Rio Grande do Norte has 400 km of coast, which means that for people that love the ocean and warm water (27°C all year round) this will be paradise. ([more...](#))

## Honorary Members

By sherriS | September 2012

### **Honorary Members: Have you thought about nominating someone?**

As part of my role as Past-President of ISB, I have the pleasure establishing a working party to select Honorary members of the Society. Being selected as Honorary member of ISB is a great honor because only a restricted number of individuals who have made outstanding contributions to the field of biomechanics, receive this award (see Article 3.1 of the ISB Constitution).

The process for selecting Honorary members is governed by Section 6.0 of the Constitution, whereby *"Honorary members may be nominated by three full members through correspondence to the Executive Council, who shall award this status by two-thirds majority vote of the Executive Council."* ([more...](#))

## XXVTH ISB CONGRESS, 2015

By sherriS | September 2012

The Executive Council of the ISB is pleased to announce that the 25<sup>th</sup> congress will be held in Glasgow, Scotland. The congress will start on Sunday, July 12<sup>th</sup> and end Thursday, July 16<sup>th</sup> 2015. The meeting will be held in the Scottish Exhibition & Conference Centre (SECC) which is located on the banks of the River Clyde, and only five minutes from the heart of the city of Glasgow. There are four hotels adjacent to the SECC which will offer convenient accommodation for congress delegates.



([more...](#))

## EDC Congress Travel Grant for ISB2013

By sherriS | September 2012



A woman in Bangladesh squats – a typical posture in this region of the world - while making pottery.

Are you (or perhaps a colleague) affiliated with an institution in an economically developing country (EDC) and interested in attending ISB2013? The ISB recently announced another initiative to support biomechanists in EDC regions to attend their biannual congress by means of the **EDC Congress Travel Grant**.

The ISB continually endeavours to make their biannual international congresses accessible to all ISB members by selecting diverse locations around the world. In recent years, congress venues have extended beyond the borders of North America, Europe, Australia/Oceania, and Asia, reaching Africa for the first time in 2009 (Cape Town, South Africa) and South America next year (Natal, Brazil). Sooner or later, an upcoming ISB Congress will be “around the corner” from each of us. Shorter travel distances will certainly reduce the cost of attendance for those in nearby regions—in terms of both travel costs and times. Nonetheless, funding resources for academics in developing regions may still be limited or non-existent; the personal financial burden required to attend such a conference, therefore, remains substantial. ([more...](#))

## We're on Twitter and LinkedIn!

By sherriS | September 2012

Though our Facebook presence is still growing, during the ISB executive meeting in Brisbane, we also decided to increase the social presence of ISB by joining the Twitter community (@ISBiomechanics) and creating an ISB active members-only group on LinkedIn. There are links to these social media on the isbwebpage! Both sites allow the ISB council to easily share information about upcoming events and opportunities to followers and group members.



ISB on Twitter



IntSoc Biomechanics @ISBiomechanics

This photo is a hint! Guess by replying where you think IntSoc #Biomech will meet in 2015! [pic.twitter.com/5ajs1npU](http://pic.twitter.com/5ajs1npU)

Hide photo Reply Delete Favorite



[\(more...\)](#)



ISB on LinkedIn



International Society of Biomechanics

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The Society encourages international contacts amongst scientists, promotes the dissemination of knowledge, and forms liaisons with national organizations. The Society's membership includes scientists from a variety of disciplines including anatomy, physiology, engineering (mechanical, industrial aerospace, etc.), orthopedics, rehabilitation medicine, sport science and medicine, ergonomics, electro-physiological kinesiology and others. Society activities include the organization of biennial international congresses, publication of congress proceedings and a biomechanics monograph series, distribution of a quarterly Society newsletter, sponsorship of scientific meetings related to biomechanics and affiliation with the Journal of Biomechanics, the Journal of Applied Biomechanics, Clinical Biomechanics, the Journal of Electromyography and Kinesiology, and Gait and Posture.

Since its founding at Penn State University in 1973, the ISB has grown to a membership of over 1,000 persons. The Society provides for affiliate membership of national biomechanics organizations. Current affiliate groups are the American Society of Biomechanics, British Association of Sport and Exercise Sciences, Bulgarian Society of Biomechanics, Canadian Society of Biomechanics, Chinese Society of Sports Biomechanics, Comisia de Biomecanica Inginerie si Informatica (Romania), Czech Society of Biomechanics, Japanese Society of Biomechanics, Korean Society of Sport Biomechanics, Polish Society of Biomechanics, Russian Society of Biomechanics, Societe de Biomecanique (France). The Society also supports technical and working groups for the purpose of advancing knowledge in specialized areas within the field of biomechanics. Currently active technical sections include Computer Simulation, Shoulder Biomechanics, Footwear Biomechanics and 3-D Motion Analysis.

The major activity of the Society is the organization and conduct of its biennial International Congress on Biomechanics.