

International Society of Biomechanics in Sports Newsletter



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President's Message: Gene Brown

I would like to begin my message with a resounding congratulation and thank you to Kostas Gianikellis and his crew for the outstanding symposium that was hosted in Caceres, Spain. I am certain that all delegates join me in a "thumbs up" for a job well done. Our symposia have been a good mix of academics, social interaction, and cultural enhancement. The symposium in Caceres continued this tradition.

If for whatever reason you were unable to attend the symposium in Caceres, I would suggest that you attempt to join your colleagues for the next ISBS symposium scheduled for August 26-30, 2003 in Beijing, China. In Caceres, Dr. Qing Wang, Chairman, XXI International Symposium of Biomechanics in Sports, introduced us to what promises to be an outstanding symposium. I would suggest that you explore their web page at <http://www.cssb2001.net/isbs2003/> to learn about the program, accommodations, and opportunities for cultural exploration. I hope to see you there.

We know that energy is the capacity to do work and that there are different types of energy. In biomechanics, mechanical energy, which can be subdivided into potential energy and kinetic energy, is the main type of energy studied. Potential energy (mgh) is defined as energy due to position and kinetic energy ($\frac{1}{2}mv^2$) is defined as the energy due to motion. Analogously, in ISBS, we have members that represent the two types of energy. Some are represented by their potential to contribute to the Society, whereas others are represented by their actions. We would like all of our members to transform some of their potential energy into energy associated with action. I know that at times some members may be reticent about coming forth and exposing your potential energy because they do not want others to think of them as being presumptuous. Others would like to expend some of their potential energy for the good of the group, but are uncertain of the ways to transform this energy into motion. I would like all members to know that your

Society is open to all the energy and ideas that you have and to your willingness to become involved. Do not maintain your energy as potential energy. If you would like to become involved, we are amenable to your contributions. There are many ways and levels in which you can serve the Society (and the Society can serve you). The following is a brief list of ways to engage in energy transformation:

1. Scan the ISBS constitution on our web page (<http://www.uni-stuttgart.de/External/isbs/>) to learn about how the Society functions and the many opportunities available for professional involvement. Soon, Wayne Marino (wmarino@uwindsor.ca), Chair of the Nominations Committee, will be seeking nominees for Executive Board positions (Vice President of Awards, Vice President of Conferences and Meetings, Secretary General, and Treasure) and for eleven positions on the Board of Directors. If you are interested in serving in any of these positions, we encourage self-nomination. If you are uncertain about "jumping in" without much experience, many of the current board members are more than willing to have you join them in a supporting role to "learn the ropes."
2. Contribute an article to the Coaches' Information Service. Check it out at the following web address: <http://www.sportscoach-sci.com/>. If there is an area of sport not covered and you have the expertise to act as an editor, contact Dr. Ross Sanders (r.sanders@ed.ac.uk).
3. If you have materials and links to aid the teaching of kinesiology and biomechanics, contact Dr. John Blackwell (blackwell@USFCA.EDU) through the Teachers' Information Service at <http://www.usfca.edu/ess/tis/>.

4. Symposium hosts are always in need of help. If you plan to attend the next symposium in Beijing, offer your assistance by contacting Dr. Qing Wang (wangqing@263.net).
5. Check out the standing committees listed in the ISBS constitution. If you are interested in any of these, contact me (ewbrown@msu.edu).
6. Submit a paper for presentation (oral or poster) at the upcoming ISBS symposium (<http://www.cssb2001.net/isbs2003/>).
7. Submit a proposal to the Dr. Youlian Hong (youlianhong@cuhk.edu.hk), Vice President of Conferences and Meetings, for a tutorial or applied program that you would like to organize or help to organize.
8. Check out the ISBS Newsletters (<http://www.uni-stuttgart.de/External/isbs/>) and contribute an item to Dr. Young-Hoo Kwon (mailto:ykwon@twu.edu) for an upcoming issue.
9. Review the requirements for publication in Sports Biomechanics (<http://www.eup.ed.ac.uk/newweb/journals/Sports/>) and submit a research manuscript for possible publication.
10. Help to recruit other Biomechanists as members of our Society.

11. If a desirable path to assist you in expending your potential energy has not been provided in items 1-10, please contact me (ewbrown@msu.edu) and make additional suggestions as to how you might want to transform your potential energy into action.

The analogy that has been presented may not hold in relationship to the concept of conservation of energy. The potential energy of members to make an impact through ISBS may be lost if it is not used. On the other hand, potential energy transformed into action is likely to result in a considerable gain for both the contributor and the Society. We look forward to being energized by your actions.

One year ago, in my president's message for the ISBS newsletter, I reflected on the past of our Society with a smile because of the many positive developments that have occurred over the years. Today, I continue to have the same feelings about our Society. However, my smile has been somewhat set aside because of the recent passing of two of our colleagues. Drs. James Hay and Herbert Hatze, both Geoffrey Dyson Lecturers, will be sorely missed for their professional contributions to our Society and for the personal contributions that they have made to the broader society. I am certain that you join me in sending condolences to their families. (Note that a tribute to each of these individuals will be made in the next issue of Sports Biomechanics.)

Report on Sports Biomechanics: Ross Sanders

All financial members should have the second (July, 2002) issue of Sports Biomechanics. Papers in the first and second issues are as follows:

Volume 1 Issue 1

Original Research:

Swimming
EFFECT OF A FAST-SKIN™ 'BODY' SUIT ON

DRAG DURING FRONT CRAWL SWIMMING
Huub M. Toussaint, Martin Truijens, Meint-Jan Elzinga, Ad van de Ven, Henk de Best, Bart Snabel, and Gert de Groot.

BIOMECHANICAL ANALYSIS OF THE GRAB, TRACK AND HANDLE SWIMMING STARTS: AN INTERVENTION STUDY
Brian Blanksby, Lee Nicholson and Bruce Elliott

Athletics
A KINETIC ANALYSIS OF DISCUS THROWING

TECHNIQUES

Bing Yu, Jeffrey Broker, and L.Jay Silvester

Tennis

THE ONE- AND TWO-HANDED BACKHANDS
IN TENNIS

Machar Reid and Bruce Elliott

Gymnastics

COMPARATIVE ANALYSIS OF SELECTED
BIOMECHANIC CHARACTERISTICS
BETWEEN A SUPPORT BACKWARD SWING
AND SUPPORT SWING FOR THE 1 ¼
STRADDLE-PIKED FORWARD SALTO ON THE
PARALLEL BARS

Edvard Kolar, Katarina Andlovic Kolar, and Stanko
Štuhec

Reviews:

Strength and Conditioning

TRAINING PRINCIPLES: EVALUATION OF
MODES AND METHODS OF RESISTANCE
TRAINING - A COACHING PERSPECTIVE.

Michael H. Stone, Steven Plisk, and David Collins

Teaching

A COMPUTER-GRAPHICS MODEL OF MUSCLE
ACTIVATION AND CONTRACTION DYNAMICS

Rod Barrett, A.J. "Knoek" van Soest, and Rob Neal

Volume 1 Issue 2

Original Research:

Rowing

THE ROWPERFECT ERGOMETER: A
TRAINING AID FOR ON-WATER SINGLE
SCULL ROWING

Bruce Elliott, Andrew Lyttle and Olivia Birkett.

Show-Jumping

EFFECTS OF THE RIDER ON THE LINEAR
KINEMATICS OF JUMPING HORSES

Pippa Powers and Andrew Harrison

Leg Power

ESTIMATION OF LEG POWER: A TWO-
VARIABLE MODEL

Anand Shetty

Wrestling

INTERACTION OF WRESTLING SHOE AND

COMPETITION SURFACE: EFFECTS ON
COEFFICIENT OF FRICTION WITH
IMPLICATIONS FOR INJURY

Robert Newton, Brandon Doan, Michael Meese,
Brian Conroy, Kevin Black, Wayne Sebastianelli and
William Kramer

Athletics

PRIMARY FACTORS AFFECTING MAXIMUM
TORSIONAL LOADING OF THE TIBIA IN
RUNNING

Ryuji Kawamoto, Yusuke Ishige, Koji Watarai and
Senshi Fukushima

Tennis

EFFECT OF TYPE 3 (OVERSIZE) TENNIS BALL
ON SERVE PERFORMANCE AND UPPER
EXTREMITY MUSCLE ACTIVITY

John Blackwell and Duane Knudson

Diving

TECHNIQUE AND TIMING IN THE WOMEN'S
REVERSE TWO AND ONE HALF SOMERSAULT
TUCK (305C) AND THE MEN'S REVERSE TWO
AND ONE HALF SOMERSAULT PIKE (305B) 3m
SPRINGBOARD DIVES

Ross Sanders and Barry Gibson

Baseball

KINEMATIC AND KINETIC COMPARISONS
BETWEEN AMERICAN AND KOREAN

PROFESSIONAL BASEBALL PITCHERS

Rafael Escamilla, Glen Fleisig, Steven Barrentine,
James Andrews and Claude Moorman III

New Methods:

Volleyball

A NEW TECHNIQUE FOR ASSESSING BALL
SPEED AND IMPACT FORCE IN VOLLEYBALL

Morteza Shahbazi-Moghaddam

Reviews:

Strength and Conditioning

DO GOLGI TENDON ORGANS REALLY
INHIBIT MUSCLE ACTIVITY AT HIGH FORCES
LEVELS TO SAVE MUSCLES FROM INJURY,
AND ADAPT WITH TRAINING?

Gordon Chalmers

**Current Status of Papers Submitted to Sports
Biomechanics**

Printed in Issue 1(1):	7
Printed in Issue 1(2):	10
Rejected or Withdrawn:	9
Still Under Review:	11
Accepted for Issue 2(1):	1
Total Submitted:	38

Rates of Acceptance and Rejection

Accept:	2	(2.8%)
Accept with Minor Changes:	19	(26.4%)
Reject and Resubmit:	42	(58.3%)
Reject:	9	(12.5%)

State of the Journal

The indications are quite good that the journal will 'survive'. At the time of submitting this report for the newsletter I am confident that there are sufficient papers of good quality to fill the January issue of 2003 and to have the issue printed in January. At the time of submitting this report for the newsletter (October 26) we had 31 papers under consideration for the January and July issues for 2003.

We have a page limit of 160 pages per issue. The first issue had 121 pages and the second 126. I anticipate that we can increase the number of articles in future editions to take advantage of the extra 30 or so pages available. This will ensure that subscribers are given 'good value for money'.

Although the journal can improve further, I believe that we have a worthwhile and sustainable ISBS product. This is due to the efforts of many people including Pam O'Connor of University of Edinburgh Press, the Executive Editorial Board and Editorial Advisory Board, and my secretary Rosemary Barry. Douglas McNaughton of University of Edinburgh Press and our treasurer Giannis Giakas have commenced working to broaden the market as well as to attract advertising.

We have established a section on the University of Edinburgh Press website for Sports Biomechanics. Margaret MacPherson, the web programmer for the CIS has advertised the Journal on the CIS and has established links. Similarly, Hans Gros has promoted the journal on the main website and has displayed the information for authors, subscribers and advertisers there. As VP of Publications Hans also provided great encouragement and support for the establishment of the journal. Giannis Giakas and Manfred Vieten have established the infrastructure for the collection of subscriptions as part of annual membership as well as maintaining the records of payments and contact details. These are important and difficult tasks.

Finally, the quality of the journal is directly related to the thorough work of the reviewers. I have been particularly fortunate that most reviewers have willingly accepted requests to review, some more than once, and have endeavoured to return their reviews within the requested four-week period. Without this cooperation we would not be able to print the journal in the designated month and to deliver the journal soon after that.

I look forward to your involvement over the next year and to the continuing success of 'Sports Biomechanics'.

Welcome to Hermann Schwameder

I am delighted to announce that Hermann Schwameder has been appointed to the Executive Editorial Board to replace Herbert Hatze. Of course given Herbert's mathematical ability he is very hard to replace. The ISBS Executive considered Hermann to be the ideal replacement. In addition to his qualifications and record as a biomechanist, Hermann has a Masters Degree in Mathematics and his reviews for Sports Biomechanics to date have been impressively astute and thorough. Hermann is a very welcome addition to the Executive Editorial Board.

Report on CIS: Ross Sanders

For the year from June 1, 2001 to June 1, 2002

As can be seen from the statistical information provided below, the Coaches' Information Service CIS has had steady, but not dramatic, growth in the volume of material on the site as well as in the number of 'hits' on the specific sites. Also, the number of hits per paper per month has increased.

The growth in material on the sites has been very uneven across the sites. Swimming, Tennis (Bruce Elliott and Duane Knudson eds.), and Strength and Conditioning (Mike Stone ed.) have maintained reasonable rates of growth beyond the period of their initial establishment. Spiros Prassas has generated much interaction among readers and has an active 'discussion forum' on the gymnastics site. Some sites are intermediate with respect to the growth of material while others have not grown significantly in the past year.

While the growth and impact of the CIS is less than we would have liked, the CIS has established itself as a useful mechanism for disseminating sports science information in keeping with the ISBS mandate.

The site now has 20 sections involving 22 editors. Thus, the material on the site reflects the efforts of many ISBS members. We receive many compliments with regard to the appearance of the site. Margaret MacPherson, the Faculty of Education programmer, has performed outstanding work and often outside of normal working hours. Margaret continually embellishes the site with innovations such as a keyword search and PDF downloading capacity. Hugh Perfect (Associate Dean) has provided great support by recognizing the non-tangible benefits of the site and 'turning a blind eye' to the resource implications of running the site.

Recommendations

Our efforts must be directed to two main areas:

- ✓ Increasing the volume of practitioner friendly and useful material on the site.
- ✓ Making more practitioners aware of the site.

Clearly there is a need for more support from the ISBS at all levels including the Executive, Board of Directors and ISBS members.

To this end I suggest that the Executive and Board of Directors 'brainstorm' ways of achieving the above.

Papers on CIS Site*

Site	Total Papers	Net Increment
Basketball	6	0
Cricket	9	8
Diving	9	9
Field Athletics	8	2
Golf	5	0
Gymnastics	13	4
Rowing	8	4
Rugby	3	3
Soccer	10	0
Swimming	56	11
Team Handball	9	1
Track Athletics	7	0
Tennis	18	12
Triathlon	4	4
Volleyball	6	0
Water Polo	3	3
Becoming a Better Coach	6	4
Paralympics	2	0
Strength & Conditioning	16	8
Explosive Power	1	0

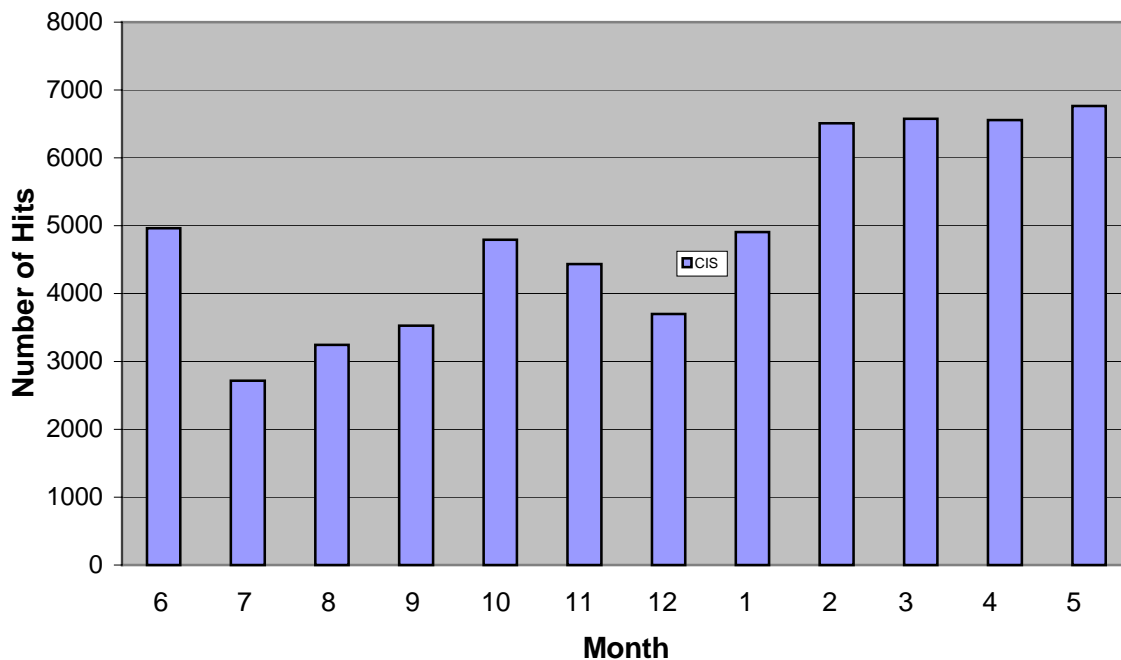
*199 papers total with 73 new papers this year.

Sites Launched This Year

- ✓ Water Polo: August 2001
- ✓ Rugby: October 2001
- ✓ Diving: November 2001
- ✓ Triathlon: April 2002

Top 20 on the Hit Parade (Month of May, 2002)

Author(s)	Article Title	Hits	Subject	Rank	Last Month
P Luhtanen	Kicking	833	Soccer	1	1 (UP 726)
T Bauer & D Fuchs	IntIntroductory concepts for explosive.	828	Training	2	2 (UP 614)
P Luhtanen	Biomechanical aspects of soccer ..	717	Soccer	3	4 (UP 555)
D Harrison & T Comyns	Biomechanics of the sprint start	702	Track Athletics	4	5 (UP 547)
S Plisk	Resistance training - Part 1 ...	695	Strength & Cond.	5	3 (UP 581)
D Harrison & P Warden	Isolation (sprinting) drills	610	Track Athletics	6	9 (UP 434)
R Sanders	What stroke should be taught first?	581	Swimming	7	8 (UP 449)
R Ferdinands	Biomechanics and the art of bowl...	581	Cricket	7	12 (UP 387)
R Bahamonde	The mechanics of the forehand...	530	Tennis	9	9 (UP 434)
M Stone et al	Explosive exercise	509	Strength & Cond.	10	15 (UP 363)
B Elliott	The Serve	493	Tennis	11	10 (UP 412)
W Hayes	Learning to Swim: The Nature of ...	489	Swimming	12	NR
S Plisk	Resistance Training part 2	484	Strength & Cond.	12	NR
S Miller	Release angles for shooting	484	Basketball	14	13 (UP 382)
Wm Sands et al.	Fundamental movements for ...	470	Gymnastics	15	14 (UP 381)
S Miller	Contributions to ball speed	468	Basketball	16	6 (DN 544)
D Knudson	Improving stroke technique using ...	456	Tennis	17	17 (UP 345)
M Stone et al.	What is strength?	441	Strength & Cond.	18	7 (DN 490)
P Luhtanen	Mechanical aspects in running	429	Soccer	19	NR
E Brown & M Narvaez	Teaching the instep kick ..	425	Soccer	20	NR

CIS Home Total Hits per Month (From June 2001 to May 2002 inclusive)

Election 2003: Call for Nominations

Elections are coming up again and it is time to nominate those people whom you think will do a good job for the Society. We would like to have the ballot complete early in the new year, so a tentative deadline for nominations is January 1, 2003.

Please ensure that your nominee is willing to serve before submitting his/her name. Nominees will be asked to submit a short resume prior to the election.

The election will occur no later than April 2003, and probably sooner than that. All terms are two years.

This is also a good time for you to increase your level of ISBS involvement if you have not served the Society before. My sense is that the ISBS is always looking for bright, young people to help lead the way in order to become a society with a high reputation and an international presence. So,

feel free to let others know that you are willing to be nominated for an office!

Positions (two-year terms) that are up for election are:

- ✓ VP of Awards (1)
- ✓ VP of Conferences (1)
- ✓ Secretary General (1)
- ✓ Treasurer (1)
- ✓ Board members (up to 11)

Currently there are 12 board members in their last year of a two-year term, but there are 10 on the 2002-2004 list and according to the constitution, there should be a total of 21.

Send nominations to Wayne Marino at wmarino@uwindor.ca and copy the nomination to me at blackwell@usfca.edu.

John Blackwell, Secretary General

New ISBS Email List: isbs@listserv.uth.gr

There is now a listserv specifically for the ISBS members. This will replace the lengthy email list we have used in the past. The new list can be used for both announcements and discussions. All the important announcements will be posted only to the ISBS Email List from now on.

To subscribe, send an email with no attachments to listserv@listserv.uth.gr with the following message body:

subscribe isbs your name

For example:

subscribe isbs John Blackwell

No need to include your email address in the message body because the list server will read your email address from the email header. Be aware of your email address that was used in the subscription process. After your subscription is processed, you will receive the welcoming message and more detailed instructions.

If you have not done it yet, please subscribe to the list NOW.

To post a message to the List, send the email to isbs@listserv.uth.gr. It is very important to use an informative subject line when you post a message.

The moderator of the List is Giannis Giakas, ISBS Treasurer.

Updates from the Executive

VP of Awards: Stuart Miller

Since the last issue of the ISBS Newsletter, the Awards Committee has been very active. The Committee selected Doris Miller as a Fellow of ISBS, and Barbara Gowitzke as a Life Member. A little history was made, as this is the first time that a husband and wife have been so honored by ISBS (David Waddell was elected as a life member in 1997). Both awards were made during the closing banquet at the 2002 symposium in Caceres.

The Awards Committee also selected Professor Roger Bartlett to be the Dyson Lecturer for 2003. Roger will give his lecture at the Beijing Symposium (August 25-30 2003).

At the ISBS Symposium in Caceres, the Awards Committee selected *Clara Soper* from the Auckland University of Technology, New Zealand as recipient of the New Investigator Award. Her paper '*The Effectiveness of the Goggles Training System as a Coaching Tool in Changing Pelvis Angle at the Catch during On-Water Rowing*' was complimented by all members of the committee. Our congratulations to Clara.

The following were also highly commended, and it is hoped that some or all may appear in the ISBS journal *Sports Biomechanics*:

- ✓ **Elizabeth Bradshaw**, New Zealand Academy of Sport. Identification of Floor and Vaulting Aptitude in 8-14 Year Old Talent-Selected Female Gymnasts.
- ✓ **Karoline Cheung**, Auckland University of Technology. Biomechanical Adaptations Following a Lateral Ankle Sprain Injury: An Explanation for Chronic Ankle Instability?
- ✓ **Markus Gruber, and Albert-Ludwigs**, University of Freiburg, Germany. An Analysis of the Holding Area in Olympic Archery.

On the basis of discussion at its annual meeting in

Caceres, the Awards Committee has made a number of recommendations to the ISBS Executive relating to the selection of the New Investigator Award for implementation in 2003, which will simplify the Committee's task, but also enhance the quality of the selection process.

The Awards Committee also had the unfortunate task of considering whether the New Investigator Award should be named after Jim Hay, who died on August 1st. Unfortunate in the sense that sports biomechanics has undoubtedly lost one of its greatest exponents. On a personal note, I found Jim to be extremely personable on the few occasions that I met him. His research and thinking in biomechanics was clear, simple and very easy to follow. I was, and still am, unashamedly a big fan. After considerable discussion, however, it was decided not to rename the New Investigator Award, but will discuss the issue at its next meeting in Beijing.

Shortly, the process for selection of the 2004 Dyson Lecturer will begin. Nominations are still being accepted and should be sent to Stuart Miller at stuart.miller@itftennis.com. Nominations for Life Member and Fellow of ISBS are also welcome.

The Awards Committee for 2002-3 is as follows:

- ✓ Stuart Miller (Chair and VP of Awards)
- ✓ John Blackwell (Secretary-General)
- ✓ Youlian Hong (VP of Conferences and Meetings)
- ✓ Barbara Gowitzke
- ✓ Duane Knudson
- ✓ Hermann Schwameder

Stuart Miller, September 2002

VP of Conferences and Meetings: Youlian Hong

The Subcommittee of Conferences has been formed. The Committee consists of 7 members:

- ✓ Youlian Hong (Chairman)
- ✓ John Blackwell
- ✓ Kostas Gianekellis
- ✓ Laurie Malone
- ✓ Hermann Schwameder
- ✓ Manfred Vieten
- ✓ Qing Wang

During the ISBS 2002 in Caceres, Spain, the Subcommittee of Conferences held two meetings to discuss the financial commitment of ISBS annual conferences, a critical issue in ISBS. The Subcommittee proposed a Policy Statement and this Statement was then endorsed by the AGM held on 04 July 2002. The Policy Statement stated:

“The financial goal of the host of ISBS annual conferences should be to neither make a profit nor incur a financial loss. This philosophy is intended to minimize the costs to potential delegates to encourage attendance.”

The subcommittee also suggested a mechanism to monitor the conference budget before, during, and after the conference.

The Subcommittee agreed on the suggestion of Eugene Brown for his endeavor to revise the original ISBS Conference Guidelines proposed by Gene himself. This would be an important document of ISBS and will be posted on ISBS web site.

The Subcommittee suggested ISBS setting a special conference supporting fund of about US\$5000 so that ISBS can offer to future conference host as a loan. The ISBS Post Conference Meeting approved this suggestion. I suggested that the money obtained from the sale of the donated book “International Research in Sports Biomechanics” be served as the first settle of this fund.

The Board and Executive Council have endorsed the proposal submitted by Mario Lamontagne from the University of Ottawa to host the 22nd International Symposium on Biomechanics in Sports (ISBS 2004). The detailed dates for the

conference will be announced soon.

The invitation for interested parties to submit proposal to host ISBS 2005 will be posted early 2003.

Youlian Hong, September 2002

VP of Publications: Young-Hoo Kwon

I started the VP of Publications position in July after the AGM in Caceres, Spain. I'd like to thank Hans Gros for his dedication to ISBS as the former VP of Publications and for all the guidance he has provided me for several years. I have the burden to follow the footsteps of Hans but I will do my best to make positive net contributions to the Society.

The areas that I will mainly focus on during my 2002-2004 term are the ISBS Homepage, Newsletter, and the Sports Biomechanics journal. The position of VP of Publications carries several other titles such as the ISBS Newsletter Editor, and the Liaison Officer for the Sports Biomechanics journal.

For easier access to the Society Homepage, we've acquired the 'isbs.org' domain. The Society Homepage is now accessible via the URLs <http://isbs.org> or <http://www.isbs.org>. The homepage is still hosted by University of Stuttgart and the old URLs, <http://www.uni-stuttgart.de/External/isbs/> and <http://www.uni-stuttgart.de/isbs/>, are still valid. Hans Gros and I will serve as the webmasters.

The overall outlook and contents of the ISBS Homepage will be also updated during my 2002-2004 term. Due to the rapid development of the CIS (Coaches' Information Service) and the recent launching of the TIS (Teachers' Information Service), it is inevitable to revise the Resources section of the ISBS Homepage. The Publications Committee will look into this issue and will come up with plans for the update strategies. The Committee will work closely with Ross Sanders (Coaches' Information Service), John Blackwell (Teachers' Information Service), and Richard Smith (VP of Research and Projects) to streamline

this effort.

The Publication Committee will also look at the future of the Newsletter. With the launching of the ISBS Email List, it is again inevitable to redefine the role of the Newsletter. The ISBS Newsletters are currently biannual, typically published in May and November, but the ISBS Email List will become much more efficient for the timely announcements. The Newsletter may need a phase shift in the immediate near future.

Sports Biomechanics is now in its second year and Ross Sanders has done a superb job in laying a firm foundation for the journal as the Founding Editor. He has recently announced his decision to step down from the editor position in 2003 and we are currently in the process of establishing the procedures and selecting the new editor. The new editor who will succeed Ross Sanders will be introduced at the AGM in Beijing.

The new Publication Committee will be formed soon. Anyone who is interested in and/or capable of homepage management and Newsletter editing is welcome. If you are willing to serve on the Publication Committee or have ideas regarding the future direction of the ISBS Homepage and Newsletter, please send emails to Young-Hoo Kwon at ykwon@twu.edu.

Young-Hoo Kwon, November 2002

Treasurer: Giannis Giakas

The expenses this year were increased mainly for two reasons. The first is that we had to cover the expenses for the journal that we did not have the previous years (of course we also had an increase of membership fee). Secondly is that this year we paid for the Dyson award for two consecutive

years: for 2001 and for 2002.

The income this year was also increased because we had a membership increase as well as a membership fee increase because of the journal. Up to now we have not yet caught up the number of members to pay for the journal, so currently the society pays slightly more from what it gets. We are nearly there though.

Because of the profits during the previous years our bank accounts are healthy. There was an increase of the Euro account as opposed to the US account because most of our expenses were in US currency, and our income in Euro:

- ✓ Year 2000: 17,823 Euros
- ✓ Year 2001: 22,359 Euros
- ✓ Year 2002: 24,969 Euros

From these funds we need to make further payments to the journal for the second issue

We had an approximately 20% increase of membership:

- ✓ Year 2001: 306
- ✓ Year 2002: 372

Finally, unfortunately the society did not attract any funding from sponsors. The president and the rest of the other members of the ISBS Council were very keen to develop links with sponsors but we have not succeeded as yet. Let us know if you or someone else you know is interested in sponsoring the society or interested to be advertised through the society (e.g. Newsletter, Journal, WEB etc).

Giannis Giakas, October 2002

Minutes of the AGM, July 4, 2002, Caceres, Spain

Call to order: The meeting was called to order at 6:38 p.m.

Apologies: John Blackwell.

01.01 Executive Committee Reports

Reports were presented to the meeting by the Executive Committee, with the exception of that of the Secretary General, which was read by the Vice-President of Awards. These are attached in

the Appendices.

John Ostarello moved that the reports of the Executive Committee be accepted.

Seconded by Bruce Mason.

Motion carried unanimously.

01.02 Any other business

Adjournment: Laurie Malone moved that the meeting be adjourned.

Seconded by Rene Therrien.

The meeting was adjourned at 7:48 p.m.

John Blackwell, October 2002

Annual Report of the President

First, I would like to thank the members of the Executive Board for their work in moving our Society forward over the past year.

My major effort has been directed at infrastructure development. In my opinion, the operation of ISBS needs to be standardized, through approved policies and guidelines, to a point where the Society has consistent programs, beyond the individual decisions of the officers of the Executive Board and Board of Directors. Because of expansion of our membership, increased responsibilities of our volunteer officers, and added functions and reach of our Society, we need to develop guidelines and policies to support the basic tenants of our Constitution.

At our Board meetings in San Francisco in 2001, I had proposed the development of Guidebooks for each office of the Executive Board and agreed to develop the first Guidebook for the Office of the Vice President of Awards, an office that I had held for several years in the past. This has been initiated and will be distributed to other officers of the Board of Directors as a template for them to develop additional Guidebooks to support the operations of their offices.

Another important activity, which integrates with

many of the functions of our Society is the annual symposium. Building on the work of Tony Bauer, past Vice President of Conferences and meetings and on the work of our current Vice President of Conferences and meetings, Youlian Hong, I have spent considerable time writing (rewriting) a document entitled "Hosting the Annual Symposium of the International Society of Biomechanics in Sports." This has been submitted to Youlian Hong and his committee for review.

Respectfully submitted,

Eugene W. Brown, June 2002

Annual Report of the Secretary General ISBS Election

The first issue to report on is the recent election. Thank you to all the candidates who accepted nominations. A total of 65 valid ballots were submitted. The only results to which I can compare this, is a total of 77 ballots submitted in 1998. Two people sent two ballots, and one person submitted the ballot after the deadline. These three ballots were discarded. Two people sent personal e-mails to me explaining that they would not submit a ballot if the voting procedure was not truly anonymous. Regarding this latter concern, it is my goal to advertise extensively and create an electronic procedure that is truly anonymous, while at the same time ensuring only valid ballots, so that when the next vote occurs, the number of submitted ballots increases significantly.

Congratulations are in order for those that won their respective offices. The specific results are:

- ✓ President:
Bruce Elliott (64)
- ✓ VP Publications:
Young-Hoo Kwon (62)
- ✓ VP Public Relations:
Mario Lamontagne (36)
Jill McNitt-Gray (28)
- ✓ VP Projects:
Richard Smith (63)

✓ Board:

Joao Abrantes (46)
 Barbara Gowitzke (40)
 Jill McNitt-Gray (36)
 Hans Gros (60)
 Ellen Kreighbaum (45)
 Laurie Malone (48)
 Peggy McBride (46)
 Guillermo Noffel (44)
 Renato Rodano (52)
 Karen Roemer (39)
 Aki Salo (46)
 Julie Steele (53)
 Lothar Thorwesten (43)

I'm sure the whole ISBS membership thanks all of you who will be leaving an office, for your contribution to the society. Thanks also to Wayne Marino, who did the majority of the work involved with the nomination process.

Membership

The next issue relates to keeping track of members via e-mail. It has been extremely hard to send a message to the whole membership and have confidence that it is received by everyone. Often more than twenty error messages are returned due to incorrect e-mail addresses. It is imperative that members keep their personal information updated. This can be accomplished by sending information to me at blackwell@usfca.edu. Another goal for me, however, is to discuss this issue with Manfred Vieten to see if we can develop a more efficient way of updating membership information.

Sports Biomechanics Journal

The ISBS journal has been launched! I believe the whole society owes Ross Sanders and others a great "Thank You", for the work performed in order to see that this project was successful. See the website at <http://www.eup.ed.ac.uk/newweb/journals/Sports/>.

Teaching Information Service

A sister-site to the CIS, the TIS has been launched.

It can be seen at <http://www.usfca.edu/ess/tis/>. It is my hope that all ISBS members take an active approach to this site and make it as valuable as it can be. In order to submit materials to this site, please e-mail me at blackwell@usfca.edu.

Annual Conference—ISBS 2001

In June, 2001, The University of San Francisco (USF) and the Department of Exercise and Sport Science were hosts to two conferences. From June 20-26, The International Society of Biomechanics in Sports (ISBS) held the XIX International Symposium on Biomechanics in Sports and from June 23-24, the National Association for Sport and Physical Education (NASPE) held the Fifth National Symposium on Teaching Biomechanics in Sports.

Attendance: Participants of either conference were allowed to attend both conferences, so there is no distinction between attendance figures of the separate conferences. There were 272 participants representing 31 countries. Additionally, there were 13 companies that paid between \$1,200 and \$2,000 for the ability to exhibit their products. One company served as the major sponsor, contributing money as well as scientific equipment to USF.

Presentations: The presentations were:

- ✓ 10 oral plenary presentations (45 min.)
- ✓ 128 oral presentations of research (15 min.)
- ✓ 5 oral presentations of company products (15 min.)
- ✓ 74 poster presentations of research
- ✓ 16 oral presentations of teaching content (15-45 min.)
- ✓ 3 workshops (Knee, Soccer, Qualitative Analysis)

Housing: Of the 272 participants, 204 used on-campus housing, either dorm rooms or USF apartments. Of those individuals who used on-campus housing, 147 were listed as professionals, 43 as students and the others as company representatives or guests. Participants who did not use USF housing were largely housed

at the Holiday Inn Golden Gateway at a discounted rate.

Finances: The following numbers are approximations, as the account is still being used:

- ✓ Income (conference and housing): \$177,000
- ✓ Expenses (housing): \$43,000
- ✓ Expenses (other): \$84,000
- ✓ Refunds: \$15,000
- ✓ Profit: \$35,000

John Blackwell, June, 2002

Annual Report of the Treasurer
Statement of income and expenses 2001-2002

The Society has two accounts. One is a Euro account and the other is a US Dollar account. In order to make things simpler everything will be presented in Euro currency. (1 USD = 1.11 Euro, 1 Euro = 0.9 USD)

Expenses 2001-2002: The expenses this year were increased mainly for two reasons. The first is that we had to cover the expenses for the journal which we did not have the previous years (of course we also had an increase of membership fee). Secondly is that we paid for the Dyson award for two consecutive years: for 2001 and for 2002.

Item	Amount
Dyson Award – Travel PC (2001)	2,317
Dyson Award PC (2001)	222
Dyson Award – Travel JD (2002)	1,169
Dyson Award JD (2002)	222
Awards (2002)	410
Journal (Edinburgh University Press)	6,546
Student Award (TB)	331
Secretarial and Bank Account Management	1,175
Newsletter (HG)	995
3C Systems	624
Treasurer Expenses	193
ISBS Symposium Books	211
Total	14,415

Income 2001-2002: The income this year

was increased because we had a membership increase as well as a membership fee increase (journal):

Item	Amount
Membership Fee	17,783
Sponsoring	0
Total	17,783

Net: Because of the above this year we had an increase of profit by approximately 3,350 Euros

Bank Accounts: As a result our bank accounts are healthy. There was an increase of the Euro account as apposed to the US account because most of our expenses were in US currency, and our income in Euro.

	2000	2001	2002
Euro Account	7,698	10,111	21,281
US Account (USD)	9,113	11,023	4,002
Sum in Euros	17,823	22,359	25,727

Membership 2002 (As of June 10, 2002)

We had an approximately 20% increase of membership:

	Year 2001	Year 2002
Fellows and Life Members	6	
Full Members in Good Standing	221	
Student Members in Good Standing	79	
Total	306	372

Budget for 2002-2003

	Budget 2002-2003	Details on Spending
President		
President		

Elect		
VP Awards		Awards Dyson travelling Dyson award Student award
VP Conferences		
VP Publications		Journal
VP Public relations		
VP Research and Projects		
Secretary General		
Treasurer		Data Management Account Management
Total		

Data Management

Automatic data management was far more complicated than I first thought to be. The software was developed by a software engineer for a small fee (300 Euro).

Without going into details of the complexity I am delighted to say that this is almost done. The ISBS members will be able to login to their record, check their details and edit them if they wish. New members can also be registered – but they will not be viewed as members until they pay the registration fee.

www.ISBS.org

There was some discussion during the last conference that we should use a more friendly name for our web site. It doesn't cost much and I believe it is a good development for the society. The www.isbs.org site though belongs to someone else. Therefore we will have to use another name. The best I could come up with was www.isbsweb.org but we should finalise this in Cáceres and go ahead. This site will be directed to the site hosted by Hans's University.

Sponsorship

Unfortunately the society did not attract any funding from sponsors. The president and the rest of the other members of the ISBS council were very keen to develop links with sponsors but we have not succeeded. However the sponsoring issue was known to some of the manufacturers in San Francisco who found it interesting and I look forward to discuss this issue with them in Cáceres.

Giannis Giakas, June 2002

Annual Report of the VP of Awards

The members of the Awards Committee for 2001-2002 are Stuart Miller (Chair), John Blackwell (Secretary General), Barbara Gowitzke, Youlian Hong (VP Conferences and Meetings), Duane Knudson, Pekka Luhtanen and Hermann Schwameder.

In accordance with the ISBS By-Laws, the Committee received nominations from the ISBS membership for the 2003 Geoffrey Dyson Lecturer, and Fellows and Life Members of the Society.

From these nominations, the Committee selected the following recipients, which were communicated to the Executive Board in April 2002:

- ✓ **Dyson Lecturer 2003:** Roger Bartlett (Professor, Sheffield Hallam University, UK).
- ✓ **Life Member:** Dr. Barbara Gowitzke (Associate Professor Emeritus, McMaster University, Canada)
- ✓ **Fellow:** Dr. Doris Miller (Professor Emeritus, University of Western Ontario, Canada).

Although a Committee of 7 people has the advantage of better representing the full range of opinions, it is less likely that unanimous decisions will be reached, and it has become clear that more objective decision-making criteria are necessary in situations where opinion is divided. These will be put in place for 2003.

The next major task is to select the recipient of the New Investigator Award at the 2002 symposium in Cáceres. From experience, this is a difficult task

because of both logistical problems and the consistently high standard of presentations. Nevertheless, it is also a rewarding and enjoyable task.

I would like to thank the Committee, who worked willingly, efficiently and as a team. I would also like to thank Eugene Brown and Barbara Gowitzke for their help in preparing the awards. I look forward to working with everyone again in the coming year.

Stuart Miller, June 2002

Annual Report of the VP of Conferences and Meetings Symposium Committee

In accordance with the ISBS constitution and the willingness of the Board members to serve, the Symposium Committee 2001-2003 has been formed. The members of the committee are: Chair: Youlian Hong (VP for Conferences and Meetings), Co-Chair: Qing Wang (Chair of Organizing Committee, ISBS2003), Committee members: Manfred Vieten, Hermann Schwameder, Kostas Gianikellis, John Blackwell and Laurie Malone.

Conference Guidelines

The two preliminary versions of the upgraded ISBS Conference Guidelines have been developed simultaneously. One was prepared by some members of Symposium Committee 2001-2003; another was prepared by Eugene Brown, President of ISBS. The versions have been sent to all Board members for consideration. It is hoped that members will present idea for the final version of ISBS Conference Guidelines.

Annual Conferences

The preparation of ISBS 2002 is going smoothly to the final stage. Kostas Gianikellis and his team have been working hard to prepare another historical ISBS conference in the new millennium. Both the scientific and social programs are attractive.

The Beijing's proposal to host ISBS 2003 has been selected. The host institution is China Society of Sports Biomechanics and China National Research Institute of Sports Science. Prof. Qing Wang, President, China Society of Sports Biomechanics is the Chairperson of ISBS 2003, which will be held on 26-30 August in Beijing. The host institution has well prepared and will make promotion in Caceres during ISBS 2002. The contact base of ISBS2002 Organizing Committee is:

Prof. Qing Wang
Tel: +86 10 67194123
Fax: +8610-67103176
Email: isbs2003@cssb2001.net
Home page: <http://www.cssb2001.net/isbs2003/>

Mario Lamontague from the University of Ottawa has committed to submit proposal to host ISBS 2003 in Caceres during ISBS 2002.

Three members expressed interest to host ISBS 2004. They are Hermann Schwameder (University Salzburg, Austria), Drew Harrison (University of Limerick, Ireland), and Roger Bartlett (Sheffield Hallam University, UK) (in the order of time where their emails were received). The invitation for submission of proposal will be initiated after ISBS 2002.

I would like to thank Kostas Gianikellis and his team for their great work to host ISBS 2002. Thanks are also given to the Board members in evaluation of ISBS 2003 proposal and vote to determine the conference dates. A special thank is devoted to Eugene Brown for his help in developing a new Conference Guidelines.

Publication of International Research in Sports Biomechanics

In the meetings in San Francisco, I was given approval to pursue the publication of a book consisting of several selected papers from authors who presented at the ISBS Symposium in Hong Kong. This hard cover book, *International Research in Sports Biomechanics*, has been published by Routledge prior to our symposium in

Spain.

According to the agreement with the Publisher, I have to purchase a bulk of 150 copies with 45% discount from the market price £65.

Through communication with Eugene Brown, the current President ISBS, I agreed to donate 50 copies of the book to ISBS for members to purchase at a 45% discount price, i.e. £35.75 (55% of £65). Note that ISBS will receive 5% on net receipts accruing to Routledge from all sales of this book. In addition, ISBS will receive all money from the sale of the 50 copies that I have donated.

Recently, Kostas has agreed to receive the 50 copies for sales during the conference. Eugene Brown will suggest ISBS to pay the £72.24 postage of these 50 copies.

Youlian Hong, June 2002

Annual Report of the VP of Publications

Introduction

My term of office as VP for Publications ends with this conference. Several years ago I asked Young-Hoo Kwon whether he would be prepared to serve the Society in this capacity. Dr. Kwon agreed and has, in the past been an active member of the Publications Committee.

I am convinced that my successor will continue to provide great service to ISBS. For the future challenges he needs and deserves your full confidence and support.

ISBS WWW site

The ISBS WWW site <http://www.uni-stuttgart.de/External/isbs> is our 'door to the world' and also an effective means to communicate with the membership. It has been updated constantly:

- ✓ New list of members of the Board of Directors and Executive
- ✓ New Awards recipients were added
- ✓ Links to CIS and TIS were added.

- ✓ The Who's Who section now contains details on about 106 members. The database was found to be a valuable tool. It is hoped that more members use this facility in the future.
- ✓ The free literature service was heavily used: several hundred papers from previous ISBS proceedings were copied and mailed. Due to the cost and work entailed, the service had to be restricted to five free papers per year for members. It was found to be impractical to charge for papers. I suggest to set aside a small contingency fund to sponsor distribution of materials to non-members as well as members.

The statistics on usage of the site in the past months can be viewed at <http://www.uni-stuttgart.de/External/isbs/.stats>. We have about 21,000 requests per month as opposed to 13,000 last year. This indicates the growing use of the internet as communication platform.

Other web based ISBS Resources

The ISBS Coaches' Information Service (CIS):

CIS has continued to grow in volume and quality. The site is now recognized as one of the prime sources for information with students, coaches and scientists alike. Special thanks and recognition to Ross Sanders who not only launched the site but still serves as Editor and contributes much of his expertise in his fields of interest. CIS has been excellent in raising the ISBS profile and is an important stepping stone towards our common goal to disseminate information and 'bridge the gap' between research and practice.

The Quality Control Committee (QCC) has established guidelines for authors and site editors to help maintain a high standard of quality. These guidelines can be viewed under <Resources> <CIS> <Guidelines>.

The ISBS Teachers' Information Service (TIS):

Just recently TIS went online. The effort of John Blackwell yielded another very useful tool. The well-structured links provide a gateway to a wealth of information. The site will continue to grow if ISBS members make their best teaching

materials available to everyone. We can all benefit from this achievement.

Newsletter: Two issues of the ISBS Newsletter were produced (Fall and Spring). The Newsletter is now downloaded from the home page in .pdf format. All but two members chose this way of distribution. The cost for the Newsletter production and mailing went to practically zero. The advantages for members are obvious: Members have access to the NL about two to three weeks earlier, may print the NL on a color printer and the paper of their choice, small Errata can be corrected after publication.

It remains to be seen whether the Newsletter will be needed in the future. Originally it was the only means of (one-way) communication with the members. Now, with electronic media and communication in place and accessible to all members, most of the information appears (or could appear) somewhere else on the home page. Since cost is no longer a factor and the work involved became manageable I think we should maintain the Newsletter provided the interest of the general members, the Board of Directors and Executive (as measured in contributions submitted for inclusion) warrant the effort.

Journal 'Sport Biomechanics': Thanks to the efforts of Ross Sanders and the Editorial Board

ISBS has its own Journal. This is a long time dream of many come true through the dedication of few. It is now up to ourselves and all ISBS members to publish excellent and useful research in the Journal. This is after all the fundamental 'raison d'être' of ISBS!

Proceedings: The Proceeding of the yearly ISBS conferences have a long standing history of disseminating information. This was carried forward by John Blackwell and the San Francisco proceedings which were produced in a very professional way and provide an excellent source of information.

Since I keep receiving requests for copies of 'old' proceedings, I would like to ask all chairpersons to update the appropriate information on the ISBS home page!

Publication in other Journals: Just recently I was contacted by Elsevier Publishers regarding the possibility to publish all or selected papers as a supplement to one of the Journals in the Elsevier Science journal portfolio, namely the 'Journal of Biomechanics' or the journal 'Clinical Biomechanics'. This will have to be discussed and decided upon.

Hans Gros, June 2002

XXI International Symposium of Biomechanics in Sports August 26-30, 2003, Beijing, China Second Announcement and Call for Papers

**China Society of Sports Biomechanics
China National Research Institute of Sports
Science**

You are invited to participate the *XXI International Symposium of Biomechanics in Sports* on August 25 - 30, 2003 in Beijing. In the past decades, sports and sports science are growing in China. In 2001, China has won the bid of hosting the 2008 Olympiad. In 2003 when you come to Beijing, you will experience how Beijing

is preparing for the 2008 Olympiad. You will also get a whole view of the characteristics of sports and exercise in China, and you will see both the high-technique sports and the mysterious traditional exercise like Dao yin, Tai chi and so on. It will be a colorful and unforgettable experience to you, which you should not miss in 2003 in Beijing.

About Beijing

As the capital of China, Beijing is a city with the history of 3000 years, and the capital of 6 dynasties in the history of China. It gathered various cultural features from different parts of the country. Many world famous historic sites will surprise you here in Beijing, where you will also see and feel the treasure of the most profound traditional culture.

Beijing is the international trade, communicating and meeting center of China. She provides excellent transportation, traveling, communication, shopping, accommodation, and medical services.

Congress Date

The conference will be held from **August 26 to 30 in 2003**. You will visit Beijing in fall, which is the most charming season of the city. So you can enjoy the sense caused by the combination of ancient and modern culture, and also you will enjoy the special scenes of Beijing's golden fall.

Venue and Accommodation

The Capital Hotel has been selected as the conference venue where the participants will also accommodate in. This is a four-star hotel located in downtown of the city. It is located at the heart of Beijing city with convenient transportation. It is only 1.5 kilometers from the Forbidden City, the Tian'anmen Square and the famous Wangfujing shopping center; only 3 kilometers from Beijing Railway Station and 30 kilometers from Beijing International Airport.

The Capital Hotel has provided good service to many international meetings and conferences, and provides relatively lower price when compared with other same standard hotels. Conferencing and living in Capital Hotel is really cost effective. As we have negotiated with the Capital Hotel, the cost for a double room will not exceed US\$70 per night.

There are also several hotels of different class ranged from three-star to five-star around the Capital Hotel. The participants can choose where to stay based on their own needs. But we strongly

recommend the Capital Hotel to you since it is the most convenient with the best service.

Academic Programs

The conference will include keynote lectures, oral presentations, poster presentations, workshops and visits to biomechanical laboratories and facilities for sports science research.

The academic programs of the conference will include three parts: the basic research, the applied research, and the workshops.

Basic Research:

- ✓ Modeling, simulation, and optimization in sports biomechanics
- ✓ Methodology of Sports Biomechanics
- ✓ Neuromuscular biomechanics
- ✓ Biomechanics of spots injuries, orthopedics, and rehabilitation
- ✓ Biomechanics of occupational health and ergonomics
- ✓ Biomechanics of sports technique

Applied Research:

- ✓ Biomechanics of martial arts
- ✓ Biomechanics of aquatic sports
- ✓ Biomechanics of gymnastics
- ✓ Biomechanics of racket sports

Workshops:

- ✓ Application of EMG measurement
- ✓ Application of foot pressure distribution devices

Social Program

The overall program: The social program will include tours of the Great Wall, Ming Tombs, Forbidden city, Tiananmen Square and so on. In addition, you will enjoy the Wushu and Beijing opera shows.

Possible tours: If visitors are interested in the following tours after the conference, we shall help

them contact an official travel agency.

- ✓ Beijing:
 - The Summer Palace/Yuanmingyuan tour
 - The Beijing local bystreet/SIHE Yard tour
- ✓ Other Cities:
 - 3 days/2 nights Xi'an tour
 - 4 days/3 nights Shanghai/Suzhou/Hangzhou tour
 - 5 days/4 nights Kunming/Guilin tour

Call For Paper

Scientific papers are recommended for oral sessions, poster sessions or symposia. There are two types of papers accepted for review: 1) full-length manuscripts of up to 4 pages, including a 10-line abstract. 2) "Work in progress" which are to be submitted as a one page abstracts. Please submit the paper as an RTF attachment to the ISBS 2003 Secretariat via email (isbs2003@cssb2001.net), and fax a paper submission form to: (8610) 6710-3176. All papers are subject to review by the Scientific Committee. Detailed guidelines for the preparation of paper and paper submission form can be obtained from [ISBS 2003 Homepage](#). The deadline for submission of papers is March 15, 2003.

Registration

The Registration fees are:

	Early registration by June 1, 2003	After June 1, 2003
ISBS Members	US\$275	US\$325
Non-ISBS Members	US\$325	US\$375
Students (Full-time)	US\$225	US\$275
ACCOMPANYING PERSONS	US\$225	US\$275

Registration fee covers:

- ✓ Beijing International Airport courtesy pickup and drop off
- ✓ Admission to all basic research sessions, applied sessions, workshops and exhibitions

- ✓ Scientific Proceedings
- ✓ Satchel
- ✓ Opening banquet and farewell party
- ✓ Coffee break, lunch and dinner
- ✓ Tour to Tian'anmen Square and the Forbidden City
- ✓ Tour to the Great Wall and the Ming Tombs
- ✓ Enjoy the Chinese Kongfu, Taichiquan and Beijing Opera

Accompanying Persons:

- ✓ Beijing International Airport courtesy pickup and drop off
- ✓ Opening banquet and Closing banquet
- ✓ Coffee break, lunch and dinner
- ✓ Tour to Tian'anmen Square and the Forbidden City
- ✓ Tour to the Great Wall and the Ming Tombs
- ✓ Enjoy the Chinese Kongfu, Taichiquan and Beijing Opera

Important Date

- ✓ Full paper submission: by March 15, 2003.
- ✓ Notification of acceptance: by May 1, 2003.
- ✓ Early registration: by June 1, 2003.
- ✓ Registration and Welcome Reception: August 25, 2003.
- ✓ Congress Dates: August 26 - 30, 2003.

General Information

Language: English will be the official language of the Conference.

Committee Chairperson:

Qing Wang, Ph.D., Professor
Email: wangqing@263.net

Contact Info:

ISBS 2003 Secretariat
China Society of Sports Biomechanics
China National Research Institute of Sports Science
11 Tiuyguan Road
Beijing, China 100061

Tel: (8610) 6719 4123
Fax: (8610) 6710 3176

Email: isbs2003@cssb2001.net
Homepage: <http://www.cssb2001.net/isbs2003/>

Position Announcements

California State University, Hayward Department of Kinesiology and Physical Education

Assistant Professor
Biomechanics and Structural Kinesiology
Position No. 03-04-KPE-BIOMECHANICS-TT

Duties of the Position:

- ✓ Instruct undergraduate and graduate-level courses in Biomechanics, Structural Kinesiology and one other area within Kinesiology (e.g., pedagogy, nutrition)
- ✓ Supervise student research
- ✓ Conduct a personal program of scholarship and research
- ✓ Advise students and assist the department with committee work as well as assume campus-wide committee responsibilities
- ✓ Teaching assignments may include courses at the Contra Costa campus
- ✓ Other duties as assigned

Qualifications: Candidates holding a doctorate in Kinesiology or related field by the time of appointment preferred. University level teaching is desirable. Ability to conduct an independent scholarly research program required. Ability to teach, advise, and mentor students from diverse educational and cultural backgrounds. To be

recommended for tenure the candidate must demonstrate satisfactory performance in the areas of teaching; research, scholarship, and/or creative activities; and service to the university, the department, the profession, and the community.

Rank/Salary: Assistant Professor, tenure track. Salary is dependent on educational preparation and experience.

Date of Appointment: September, 2003

Application Procedure: Screening of applicants will begin December 1, 2002 and continue until the position is filled. Send a letter of introduction, vita, copies of transcripts and three letters of reference.

Dr. Penny McCullagh, Chair
Department of Kinesiology and Physical
Education
California State University, Hayward
25800 Carlos Bee Blvd.
Hayward, CA 94542-3062
Phone: (510) 885-3061
Fax: (510) 885-2282
Email: Pmcculla@csuhayward.edu
Homepage:
www.edschool.csuhayward.edu/departments/kinesiology

Upcoming Conferences

International Conference on the Science and Practice of Rugby, November 5-7, 2003, Brisbane, Australia

Hosted by Queensland University of Technology

and Queensland Rugby Union (QRU) to be held in.

Contact:

Kerry Williams
Conference Organiser
International Conference on the Science and

Board of Directors

2001-2003:

- ✓ Jurgen Krug, Institut fur Allgemeine Bewegungen und Trainingswissenschaft, Germany
- ✓ Wayne Marino, University of Windsor, Canada
- ✓ Spiros Prassas, Colorado State University, USA
- ✓ Bing Yu, The University of North Carolina at Chapel Hill, USA
- ✓ Christina Kippenhan, Bemidji State University, USA
- ✓ Patria Hume, Auckland University of Technology, New Zealand
- ✓ Kostas Gianikellis, Unicersidad de Extremadura, Spain
- ✓ John W. Chow, University of Florida, USA
- ✓ Kelly Lockwood, Brook University, Canada
- ✓ Hermann Schwameder, University of Salzburg, Austria
- ✓ Manfred Vieten, University of Konstanz, Germany

- ✓ Duane Knudson, California State University, Chico, USA

2002-2004:

- ✓ Joao Abrantes, Universidade Tecnica de Lisboa, Portugal
- ✓ Ellen Kreighbaum, Montana State University, USA
- ✓ Hans Gros, University of Stuttgart, Germany
- ✓ Laurie Malone, Lakeshore Foundation, USA
- ✓ Margret McBride, Australian Catholic University, Australia
- ✓ Aki Salo, University of Bath, England
- ✓ Renato Rodano, Centro Di Bioengegneria, Italy
- ✓ Lothar Thorwesten, Westfälische Wilhelms University, Germany
- ✓ Guillermo Noffal, California State University, Fullerton, USA
- ✓ Julie Steele, University of Wollongong, Australia

Editor's Corner

NL Volume 20 No. 1: The deadline for the May issue of the ISBS Newsletter is March 1, 2003. Send the NL materials to

Young-Hoo Kwon, Ph.D.
Vice President of Publications, ISBS
Editor, ISBS Newsletter
Director, Biomechanics Laboratory
Texas Woman's University
P.O. Box 425647
Denton, TX 76204-5647
U. S. A.
Phone: +1-940-898-2598
Fax: +1-940-898-2581

Email: ykwon@twu.edu

- ✓ The May issue will include the profiles of the nominees running for different offices. Please send me the profile info on time so that members may be fully informed before they vote. The profiles will be posted to the ISBS Email List as well.
- ✓ I am trying to introduce new sections in the upcoming issues of ISBS Newsletter, such as the thesis/dissertation abstracts and research laboratories. If you would like to publish the abstract of your thesis/dissertation on the

Newsletter or to advertise your laboratory/research program, send the relevant materials to me. Any ideas regarding new corners will be also welcome.

General Items:

Any suggestions regarding the Newsletter, Homepage, and the Society's roles in terms of publications will be welcome. Please direct the

suggestions to me at the address shown above.

I will need a lot of help from the members in editing the Newsletter, maintaining the Homepage, and developing policies related to the Society's roles in terms of publications. Those who would like to serve on the Publications Committee, please contact me at ykwon@twu.edu.