Dear Colleagues and Friends,

My term of office will end at the time of the Conference in Perth. Although I will continue to serve the Society in other capacities, this is a time for both reflection and a look ahead. In the past years ISBS has grown and matured in every respect. I am proud that I could be part of this positive development. However, this would not have been possible without the hard and dedicated work of the Board of Directors and the Executive. The members of the Board serve on committees and provide outstanding support for the Executive. Gene Brown, VP Awards, produced policies and evaluation criteria for the ISBS awards. Tony Bauer, VP Conferences, developed an important document with guidelines for the selection of conference sites and an organizational framework to help future conference hosts. Julie Steele, VP Publications, keeps producing excellent and informative Newsletters. Manfred Vielen, Treasurer, has spent a great deal of time developing a membership database to facilitate updating of membership information and payment of dues. Renato Rodano, VP Public Relations, has maintained contact with other international Societies and sports governing bodies. Stuart Miller, Secretary General, looks after important items such as elections of officers and keeps the books of the ISBS. Larry Noble, VP Research, continues to acquire research projects and has successfully coordinated them in the past. Last but not least: Ross Sanders, President Elect, convinced me through his outstanding contribution that ISBS will continue to be noted for ‘Gold Performance in Science and Sport’. I would like to sincerely thank the members of the past and present Board and the Executive.

The XVIth International Symposium of Biomechanics in Sports in Perth is the next highlight in ISBS activities. Ross Sanders and his team have worked hard in the last two years to make this an event of high scientific standard with memorable social events. I urge you all to register now if you have not already done so and I look forward to seeing you all at this first class conference.

The mission of ISBS, outlined in our constitution, presents an enormous and continuous challenge:

Article 2.0 OBJECTIVES

The objectives of the Society shall be:

2.1 To expand the knowledge of sports biomechanics.
2.2 To provide a forum for researchers, teachers, coaches and practitioners in sports biomechanics.
2.3 To encourage and assist in the development of technology that is needed to study biomechanics in sports.
2.4 To hold annually an international symposium and to sponsor workshops, seminars and other meetings whenever and wherever appropriate.
2.5 To gather and disseminate information and materials on the biomechanics of sports to appropriate organizations and individuals.
2.6 To carry out any other activities that will advance and promote biomechanics in sports.

It takes time and effort to ‘bridge the gap’ but the important thing is to know that we’re on the right track.

"The man who moved the mountain was the very one who started carrying away the first stone" (Chinese Saying).

Hans Gros
Future Past President of ISBS

**********
Vice Presidents' Reports

VP Awards: 🏆
Eugene Brown

The Awards Committee consists of the following individuals:

Tony Bauer tbauer@lakeheadu.ca
Barbara Gowitzke gowitzke@jhwen.org
Stuart Miller smiller@imperial.ac.uk
Sang Yeon Woo sywoo98@asan.sch.ac.kr
Eugene Brown ewbrown@pilot.msu.edu

This Committee is responsible for soliciting nominations and identifying candidates for all awards given by the Society. These awards include the New Investigator Award, Life Member, Fellow, and Geoffrey Dyson Memorial Award. For more details of each award, refer to the ISBS home page. One of the benefits of membership in ISBS is the privilege of being permitted to nominate individuals for awards and to personally receive recognition through the awards of the Society. If any member would like to nominate individuals for the various awards, feel free to contact the members of the Awards Committee through their e-mail addresses.

Eugene Brown

VP Research & Projects: 📚
Larry Noble

Proposals are still being encouraged for two research grant projects, which have been previously announced on the ISBS home page, on Biomech-L, and in previous editions of this Newsletter. Details of these projects are described below. So, submit those proposals as soon as possible.

The 1998-99 Interactive Stepping Machine Research Grant Project

Purpose
ISBS is supporting five $2,000 research projects involving the efficacy of variable resistance, interactive stepping machines (several types will be provided by ISBS). The goal is to identify the optimum short bout of vigorous exercise period required for active daily living. Proposals involving biomechanical and/or physiological investigations of the efficiency of these variable resistance, interactive stepping machines and/or their comparison to other types of exercise machines and exercise regimens are desirable. However, other projects involving biomechanical and physiological examinations of exercise will be considered on the basis of scientific and intrinsic merit if the project involves one or more of the models of interactive, variable resistance stepping exercise machines provided by ISBS. Details of the different models of stepping machines provided by ISBS are available on request.

Eligibility
These research grants are available to all student or professional members of ISBS.

Proposal Guidelines
The proposal should consist of a narrative, proposed budget, and Curriculum Vitae of the principal investigator. The narrative should be no longer than two single-spaced pages and contain the following elements: (1) title, (2) purpose of the study, (3) statement explaining why the project has merit, (4) method of procedure, (5) method of reporting results, and (6) time line including start and completion dates. The review of applications and decisions regarding ISBS support will be made as soon as possible after they are submitted.

Review Criteria
Proposals will be reviewed relative to the following criteria: (1) intrinsic quality, (2) scientific merit, and (3) feasibility.

Budgetary Details
An initial allocation of $1,000 will be made to the principal investigator of each project accepted for funding. An additional allocation of $1,000 will be made upon submission of a project summary. The project summary should contain: (1) introduction and purpose of the
study, (2) methodology, (3) data analysis and interpretation, (4) conclusions and practical implications, and (5) plans for reporting results. These funds may be used at the discretion of the Principal Investigator to support any costs related to the proposed research, including salary, travel, equipment, and supplies.

Application Procedure
Requests for additional information on the stepping machines provided by ISBS and applications may be submitted via FAX, regular mail, or e-mail (preferred) to:

Larry Noble
ISBS VP for Research and Projects
Department of Kinesiology
Kansas State University
Manhattan KS 66506
USA
Phone: +1-913-532-6979
FAX: +1-913-532-6486
E-mail: l noble@ksu.edu

Solicitation for Participation in 1998-99
Discus Research Project (DRP)

Introduction
You are invited to participate in the 1998-99 Discus Research Project (DRP). This project involves the analysis of videographic recordings (SVHS, NTSC format) of men’s and women’s discus finals of the 1998 USA Track and Field National Outdoor Championships in New Orleans, Louisiana, June 19-21, 1998. Under the sponsorship of the Division of Physical Therapy at the University of North Carolina at Chapel Hill and USA Track and Field (USATF), a research team co-ordinated by Bing Yu will prepare the videotape and associated materials for distribution to those submitting acceptable research proposals. Details of data collection and procedures for submitting proposals are provided below.

Details of Data Collection
Performances of 27 men and 13 women were recorded using two video cameras at 60 Hz. The two cameras were placed approximately 90 degrees apart with a side view and a rear view. A calibration object with 24 calibration points was videotaped at the end of each event. Five reference markers were placed in the discus circle, which can be used to establish a stable reference frame. Also, the known three-dimensional coordinates of calibration points and official distances for all legal trials will be provided.

These materials will be distributed as soon as possible after the confirmation of the proposals. Tapes and related materials will be made available free of charge to ISBS members submitting an acceptable proposal. Those submitting acceptable proposals who are not ISBS members will be charged a $50 fee to cover the immediate reproduction and distribution costs.

Format and Content of the Proposals
Research proposals should be limited to two single-spaced pages and include the following components: (1) introduction and rationale, (2) purpose, (3) methods and procedures, (4) practical and scientific significance, (5) time line, and (6) method of reporting results.

The review of applications and decisions regarding ISBS support will be made as soon as possible after they are submitted.

Please direct enquiries regarding the data (videotapes and diskette contents) to:

Bing Yu, PhD
CB7135 Medical School Wing E
Division of Physical Therapy
UNC at Chapel Hill
Chapel Hill NC 27599-7135
USA
Phone: +1-919-966-4709
FAX: +1-919-966-3678
E-mail: Bing.Yu@css.unc.edu

Proposals should be submitted to:

Larry Noble
ISBS VP for Research and Projects
Department of Kinesiology
Kansas State University
Manhattan KS 66506
USA
Phone: +1-913-532-6979
FAX: +1-913-532-6486
E-mail: lnoble@ksu.edu
One grant for the DRP has been awarded to:

Tomohisa MIYANISHI
Faculty of Physical Education
Sendai College
2-2-18 Funaoaka-minami, Shibata
Miyagi 989-1693
Japan
E-mail: tm-miyanishi@scn.ac.jp

The title of the project is: A three-dimensional analysis of angular momentum in Asian and USA top discus throwers. Congratulations and we look forward to the results arising from this project.

Larry Noble

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**VP Publications:**

**Julie Steele**

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**ISBS ’98 Proceedings**

Proceedings of 16th Symposium of ISBS, held in Konstanz, can be ordered online via:

http://www.isbs98.uni-konstanz.de/

Additional copies can also be ordered from:

University of Konstanz
FG Sportwissenschaft
ISBS Secretariat
PO Box 3560 D50
D-78457 Konstanz
GERMANY
Tel: +49-7531-88-3565
Fax: +49-7531-88-4221
E-mail: ISBS98@uni-konstanz.de

Book of Abstracts DEM 40
Book of Proceedings I DEM 40
Book of Proceedings II DEM 30

See the ISBS home page (click on "Conferences") for further details:

http://www.uni-stuttgart.de/External/isbs/

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**Newsletter Deadlines**

Two ISBS Newsletters will be published each year, one in October (Fall/"Down Under" Spring Edition) and one in April (Spring/"Down Under" Fall Edition). Deadlines for the receipt of material will therefore be September 1 and March 1 each year. Material to this Newsletter can be submitted in any form but please supply your E-mail and/or FAX address with any report so that further information can be obtained from you if required. Start sending YOUR contributions for the next ISBS Newsletter now to:

Julie R Steele
ISBS VP Publications
Department of Biomedical Science
University of Wollongong
Northfields Ave
Wollongong NSW 2522
AUSTRALIA

FAX: +61-2-42214-096
E-mail: julie_steele@uow.edu.au

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**NEXT DEADLINE: September 1 1999**

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**Editorial Thanks!**

Just a note of thanks to my Editorial Assistant from the Biomechanics Research Laboratory, University of Wollongong, who proof read this Newsletter to try and minimise my errors (Bridget Munro). Thanks also to the other students from the Laboratory who assisted in stuffing the envelopes (Liz Cowling, Annaliese Dowling & Kelly-Ann Page). With over 400 ISBS members, this is quite an effort!

Julie Steele
Advertising in the Newsletter

ISBS has now over 400 members throughout the world. Why not maximise exposure of your products? For companies wanting to advertise in this Newsletter please contact Julie Steele (Newsletter Editor). The Advertising rates are:

- Full page $100 per issue
- Half page $60 per issue
- Quarter page $35 per issue
- Back cover $150 per issue

For multiple advertisements in an issue, additional advertisements in the same Newsletter will be reduced by 50%. All rates are in Australian dollars (currently $1 AUD = 63 cents US). Maximum exposure at bargain rates!

News

ISBS '98
Picture Gallery

An extensive variety of pictures which capture the essence of the 16th ISBS Symposium held in Konstanz, Germany, last year have been made available by Gideon Ariel. Direct your browser to:

http://www.arielweb.com/topics/ISBS98/Default.htm

Thanks for the memories Gideon!

Secretary-General's Report:

Stuart Miller

Another year has already come and gone. It only seems like last week that we were electing Officers for 1998 and looking forward to visiting Konstanz, but now here we are preparing for the 1999 Symposium in Perth and electing the first group of Officers who will see 'active duty' with ISBS in the new millennium.

The form for those of you who will be voting by post is contained elsewhere in this issue of the Newsletter. As ever, please take the time to vote and use your vote wisely, as these are the decisions that will influence the way in which ISBS will be run for the next two years. If you have access to electronic mail, but have not received an e-mail version of the election ballot, it is either because you have recently joined the Society, and have yet to be added to the e-mail address database, or because your details are incorrect. Please note that there are no E-mail addresses on the ISBS database for the following people:


These people will not receive any electronic communications. If any of you now have access to e-mail, you should send a message to the Treasurer (Manfred.Vieten@uni-konstanz.de). On a similar note, the response to my test message sent to all members with e-mail addresses on August 24th 1998 was not delivered to the following people:

Mohammad Alhazim, Ayesha Beasley, Brian Caster, R. Dibrezzo, Anamarie de Oliveira, Brian Mazurek, Duncan Hird, John Ostarello, Paolo Oliveira, William Tokar, Bojan Jost, David Lueddeke, Michelle Sabik, Darin Powell, Marco Medik, Yukito Muraki, Milan Coh, Jo Wolf, Cindy Tant, Thomas Hoshizaki, Debra De Berry, Jess Brown, George Mauroutatis, Nickos Aggelouis, Marilyn Miller, Kuno Hottenrott, Judith Urlacker, Heman Maurer-Pareja, Martha Nichols-Ketchum.
In order to ensure that electronic communications are received in the coming year, these people should send a message to both Manfred Vieten and myself (S.Miller@LMU.ac.uk) which will allow us to update records on the ISBS database.

The Executive and Board of Directors have been very active on your behalf in the last year in terms of developing the Society in order to provide a strong base which will ensure its successful future. This has included assisting in preparations for this year’s Symposium in Perth. I know that the efforts that have been, and continue to be, made by Ross Sanders and his team will ensure an enjoyable event. It is perhaps fitting that the Symposium will see Ross take over from Hans Gros as President of the Society during the Symposium, and I wish him well during his period of office. We will, of course, retain Hans’ input as he takes up the position of Past President for 1999-2000. As this is the last Newsletter before Hans’ term as President of ISBS comes to an end, I would like to thank him for his contribution to the Society. He has been instrumental in many initiatives, which have helped us to move forwards, and there is little doubt that we have a ‘steady ship’.

Along with maintaining the increase in membership reported last year, we have continued to improve administration in general, sometimes through simple things such as introducing on-line membership, but also by detailed review of important procedures such as selection of the Geoffrey Dyson Lecturer. We cannot, however, rest on these laurels – there are areas in which we must develop further, and I am sure that this will be achieved through the dedicated work of Officers.

I would like to thank all those who applied to host ISBS 2000, and must congratulate Youliam Hong and his team from Hong Kong, who were successful. I am pleased to note that preparations for this prestigious event have already begun. Turning to this year’s Symposium, three meetings will take place there, and should anyone have items which they would like to be included on an agenda, they should send them to me as soon as possible:

- Pre-conference Board of Directors
- Annual General Meeting
- Post-conference Board of Directors

Finally, I am pleased to report that the minutes of the Annual General Meeting from Denton, 1997 were approved by the membership.

Look forward to seeing you all in Perth.

Stuart Miller

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**Treasurer’s Report:**

Manfred Vieten

In the last two years the number of members has increased from under 100 to more than 400 at the end of February 1999. This drastic increase of members shows the popularity of ISBS as the scientific society totally devoted to sports biomechanics. It also means an increase in the administrative workload to keep the database updated and to handle the correspondence. It is my belief that the membership fee and work time should be used in support of acquiring knowledge in biomechanics rather than for administrative purposes. Therefore, such spacing should be minimised. Most of you are already familiar with the on-line form for new members. Those who would like to join ISBS could go to the ISBS home page, switch to the “Membership” page and fill out an on-line form. All data will then be provided on-line to my desk. A retyping of the membership data is not necessary. This saves a lot of work, and in addition it helps to keep the number of typing errors minimal. In the past a lot of work was necessary to update membership lists and to communicate with members. This was due to the fact that no standardized method for data exchange was available. The new on-line facility to renew membership and to update the membership data will help to streamline these processes. Now, everyone can connect to a personalized and secure on-line page containing their basic membership data such as
name, address, e-mail address, phone, fax, membership status, and payment status (see example below).

You can change the data and send it to the Treasurer with a simple mouse click. Also, online payments are now possible. Supply your credit card data and send it encrypted. This is also done with a simple mouse click. Your credit card data will be used for one single payment transaction only! It will not be stored in the membership database! For those who do not want to send credit card data via Internet, they are free to send it by fax or normal mail. Besides, cheques and bank transfers are possible. In any case, please provide all other data on-line.

In future the only notification of a data update will be the immediate response of the Internet server as a result of you sending the data. It will not be possible to send you a receipt for the payment of your membership fee. In general, the statement of your credit card company or of your bank is a proof for payment and will be accepted by the tax departments.

The internal database update will be done within ten workdays. The result of this update is a revised personal membership data page on the Internet. To connect to your data page you will need an access code, which you will receive by e-mail. If you do not receive an access code or if you have lost it, please connect to the ISBS home page and send a short message. The answer will contain your access code.

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Finally, some explanations regarding data security. There are no private membership data on the Internet. As mentioned above, no credit card data are stored in the ISBS membership database nor will such data be on your personal membership page. Your membership page can be opened with the right access code / Internet address. This code is given to YOU by e-mail or regular mail. Everybody with the right code is able to access your page and change your data. However, it is possible to trace down the origin of data changes. At mid-year you will receive a new access code, which will replace the temporary one. This new code will be more complicated and reduces the risk of non-authorized data changes to a minimum.

Manfred Vieten

News III: Rowing & Diving Databases

This past year, Loris Miller and Aleksandra Zeevic and colleagues at the Sport Biomechanics Laboratory at the University of Western Ontario produced rowing and diving video databases available on CD for Windows 95 (and later). In addition to AVI clips, each CD contains a program that allows the user to search the database, select 2 clips to be compared, display the clips side by side on two virtual VCRs on the computer monitor, align the clips at any user selected 'event', and play both together or separately, one frame at a time forward or back, 16 frames, or continuously at user set slow motion speeds.

The Diving Video Database consists of 7 CDs covering all the springboard and platform groups from the 1996 Olympics. Each CD contains 75-100 outstanding (or memorable) dives (stationary side takeoff views as well as panned views of the entire dive through to entry captured at 60 Hz). Information on how to obtain the Diving Video Database can be obtained from United States Diving.

usdiving@aol.com

The Rowing Video Database consists of 1 CD and contains 240 clips of Canadian national and international calibre rowers taken during...
practice and captured at 30 Hz. These include front, back, port, starboard, overhead, and close-up views of the hands. Information on how to obtain the Rowing Video Database can be obtained from Rowing Canada:

comm@rowingcanada.org

It should be noted that these video databases were not produced for commercial profit and are being distributed by the respective sport governing bodies. Each contains an installation guide and tutorial booklet as well as a list of the clips contained on each CD.

These video databases have been enthusiastically received by diving and rowing coaches and would also prove useful in teaching applications. General questions about the video databases can be directed to Doris Miller by E-mail: dimiller@julian.uwo.ca

Doris I. Miller

ISBS Board of Directors

The following people were elected to serve your interests on the ISBS Board of Directors. To those who will be stepping down from Office after the next elections, we thank you for your service and hope to still see you actively involved in the Society.

1997-1999

Rodney Barrett       Australia       (r.barrett@mailbox.gu.edu.au)
Jurgen Krug         Germany        (krug@rz.uni-leipzig.de)
Wayne Marino        Canada         (wmario@delta.uwindsor.ca)
Bruce Mason         Australia       (bruce.mason@ausport.telememo.au)
Henrik Sorensen     Canada         (h.sorensen@mai.ku.dk)
Dany Too            USA            (dtoc@po.brockport.edu)
Frantisek Vaverka   Czech Republic (vaverka@risc.upol.cz)
David Waddell       Canada         (gowitzke@hwn.on.ca)

1998-2000

Barbara Gowitzke    Canada         (gowitzke@hwn.on.ca)
Jackie Hudson       USA            (jackie_hudson@maccate.csuchio.edu)
Joao Abrantes       Portugal       (jabrantes@finh.ul.pt)
Ellen Keighbaum     USA            (abdek@trex.oscs.montana.edu)
Pekka Luhtanen      Finland       (phulta@kuu.jyu.fi)
Richard Smith       Australia       (R.Smith@cchs.usyd.edu.au)
René Therrien       Canada         (rtberrien@fps.usherb.ca)
Joachim Wolf        Germany       (wolf.osp-stuttgart@t-online.de)
Laurie Malone       USA            (lamalone@saturn.vcu.edu)
Bojan Jost          Slovenia       (bojan.jost@uni-lj.si)
San Yeon Woo        Korea          (s-ywoo98@asan.sch.ac.kr)

Further contact details for each Board member are listed on the ISBS home page.
# ISBS Executive Council Directory

Following the elections in April the ISBS Executive Council will change. However, until the results of these elections are confirmed, the current members of the ISBS Executive Council and their contact information are listed below. Please feel free to contact any member of the Executive if you wish to discuss matters relevant to ISBS.

**President:**
Hans Gros  
Institut für Sportwissenschaft  
Allmandring 28  
70569 Stuttgart GERMANY  
Phone: +49-711-6853177  
FAX: +49-711-6853165  
E-mail: hans.gros@sport.uni-stuttgart.de

**President Elect:**
Ross Sanders  
School of Biomedical and Sports Sciences  
Edith Cowan University  
Joondalup 6027 WA AUSTRALIA  
Phone: +61-9-4005860  
FAX: +61-9-4005717  
E-mail: r.sanders@cowan.edu.au

**Vice President Awards:**
Eugene Brown  
Physical Education and Exercise Science  
Michigan State University  
204 IM Sports Circle Bldg  
East Lansing MI 48823 USA  
Phone: +1-517-353 6491  
FAX: +1-517-353 5563  
E-mail: ewbrown@pilot.msu.edu

**Vice President Conferences:**
Tony Bauer  
School of Kinesiology  
Lakehead University  
Thunder Bay P7B SE1 CANADA  
Phone: +1-807-343 8544  
FAX: +1-807 343 8944  
E-mail: t.bauer@lakehead.ca

**Vice President Publications:**
Julie Steele  
Department of Biomedical Science  
University of Wollongong  
Northfields Ave  
Wollongong NSW 2522 AUSTRALIA  
Phone: +61-2-42213 881  
FAX: +61-2-42214 096  
E-mail: julie.steele@uow.edu.au

**Vice President Public Relations:**
Renato Rodano  
Centro Di Bioengegneria  
(Politecnico di Milano - Pro Juventute Fnd)  
Via Caperlato 56  
20148 Milano ITALY  
Phone: +39-2-403-08305  
FAX: +39-2-404-8919  
E-mail: rodano@regolo.cbi.polimi.it

**Vice President Research & Projects:**
Larry Noble  
Department of Kinesiology  
Kansas State University  
8 Aheam Natatorium  
Manhattan KS 66506 USA  
Phone: +1-913-5326979  
FAX: +1-913-5326486  
E-mail: lnoble@ksu.ksu.edu

**Secretary General:**
Stuart Miller  
Faculty of Leisure & Sports Studies  
Fairfax Hall  
Leeds Metropolitan University  
Beckett Park Headingley  
Leeds LS1 3QS UK  
Phone: +44-113-283 2600  
FAX: +44-113-283 7575  
E-mail: S.Miller@leeds.ac.uk

**Treasurer:**
Manfred Vieten  
University of Konstanz  
FG Sportwissenschaft  
Universitätsstrasse 10  
P.O. Box 5560 D 30  
D-78434 Konstanz GERMANY  
Phone: +49-7531-883565  
FAX: +49-7531-883026  
E-mail: manfred.vieten@uni-konstanz.de
Dear ISBS members,

The time has come for you to vote on the officials who will run ISBS on your behalf. Listed below are the names and positions of those candidates who have accepted nominations. Names are listed underneath the posts for which they have been nominated. Brief profiles of each candidate have also been included in this Newsletter so that you can make an informed decision on whom to vote for. Furthermore, details of the duties of each position can be found on the ISBS home page (click on "Constitution"). Please read the general information and instructions carefully before voting. All members are urged to exercise their right to vote and to take the time to consider their votes carefully.

To record your actual vote, a ballot slip has been included as a separate sheet with this Newsletter.

You may have already received this ballot via E-mail earlier in March. Those members who may have voted already via E-mail but wish to change their preferences based on the information provided in the profiles may do so. Just fill out the ballot form again and clearly indicate that your have changed your vote by writing "CHANGE OF VOTE" on the top of the form.

On behalf of ISBS, I would like to thank all members for their continued support of the Society.

Stuart Miller

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**General Voting Information**

1. In accordance with the ISBS Constitution and By-Laws, officers are to be elected every year. This year, these include:
   - Treasurer
   - Secretary-General
   - Vice President of Conferences
   - Vice President of Awards
   - (up to) 11 Directors
2. Officers are elected by a simple majority. Thus, for each of the above positions, the person(s) who obtain the greatest number of votes will be duly elected.
3. Only members in good standing may vote. Please ensure that your name is included on your return in order that they may be checked against the current membership list and duplication prevented.
4. Only one vote per member is allowed. No votes on behalf of others will be accepted.
5. Ambiguous, blank and spoiled returns will be discarded.
6. Members may vote either electronically or by surface mail.
7. Resumes of each candidate can be found in this copy of the Newsletter.

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**Voting Instructions**

1. On the ballot form provided with this Newsletter, delete the names of those who you DO NOT want to vote for. Therefore, only those people for whom you DO want to vote should be on your return.
2. If you do not wish to vote for any of the candidates shown on the ballot, then you should delete all of them.
3. Candidates have been listed in alphabetical order. Their current country of location is also given.
4. Return the completed form to the Secretary General by 30th APRIL, 1999 (envelope post-marked by this date) to:

   Stuart Miller  
   Secretary General  
   Faculty of Leisure & Sports Studies  
   Fairfax Hall  
   Leeds Metropolitan University  
   Beckett Park, Headingley  
   Leeds, LS6 3QS ENGLAND  
   FAX: +44-113-283-7575  
   E-mail: S.Miller@lmu.ac.uk

Questions regarding any aspect of the voting procedure should be addressed to the Secretary General at the above address.

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ISBS Elections 1999: Nominations

TREASURER
Manfred Vieten  Germany
(Elected Unopposed)

SECRETARY-GENERAL
Stuart Miller  England
(Elected Unopposed)

VICE PRESIDENT OF CONFERENCES
Tony Bauer  Canada
(Elected Unopposed)

VICE PRESIDENT OF AWARDS
Eugene Brown  USA
(Elected Unopposed)

DIRECTORS
1. Baltzopoulos, Vasilios  England
2. Barrett, Rod  Australia
3. Finch, Al  USA
4. Giannikellis, Kostas  Spain
5. Hume, Patria  New Zealand
6. Kippenhan, Christina  USA
7. Krug, Juergen  Germany
8. Lyttle, Andrew  Australia
9. Marino, Wayne  USA
10. Mason, Bruce  Australia
11. Prassas, Spiros  USA
12. Salo, Aki  England
13. Somon, Scott  USA
14. Waddell, David  Canada
15. Wilson, Dan  USA
16. Yu, Bing  USA

(Select no more than 11 candidates)

ISBS Profiles: Who Are You Voting For?

In an attempt to allow you to vote in an informed way, brief profiles of each candidate standing for election for the ISBS Executive Council and Board of Directors are provided below. The profiles have been written based on information provided by each candidate.

Treasurer

Manfred Vieten, PhD

Manfred Vieten was born 1955 in Neuss (a city more than 2000 years old located close to Duiseldorf and Cologne). After completing high school, Manfred studied physics at the Siegen University in Germany. In 1979 he received a Diploma in experimental physics; thereafter doing a PhD thesis in theoretical high energy/particle physics. After receiving his PhD in 1985 and completing a 1-year post doctoral position, Manfred worked for the commercial sector for over 5 years.

In 1991 Manfred joined the Department of Physical Education at the University of Konstanz as a permanent staff member. He currently lectures in Biomechanics to both undergraduate and postgraduate physical education students and is involved in the coordination and maintenance of the PhD program. Manfred also teaches judo and general martial arts.

On a personal level, Manfred had been active in canoeing and table tennis during his school and high school years and competed at district level. During his university years he started Judo and competed for the Siegen University and at state level. He has also coached Judo and physical fitness. Manfred later began a second martial art - the Korean art known as "Kung Jung Mu Sul" (KJMS). He currently holds two black belts (a 2nd degree black belt in Judo and a 2nd degree black belt in KJMS).
The focus of Manfred's research is in the field of movement analysis, including kinematics, mathematical modeling, simulation, and dynamics/inverse dynamics. His research has involved various sports such as running, jumping, trampolining, biking, martial arts and the like. Manfred is a member of ISB and of DPG (German Physics Society). In terms of ISBS involvement, he has been a member of ISBS since 1992 and has been on the Board of Directors since 1996. In 1997 he became the Treasurer of ISBS.

Secretary General

Stuart Miller

Stuart Miller was born in 1963 in Blackpool, England. His undergraduate training in Sports Science was at Crewe & Alsager College of Higher Education (now Manchester Metropolitan University) from 1986 to 1989. A Masters Degree followed this in the area of biomechanics at Salford University. He has held lecturing positions at the University of Wales Institute Cardiff, Birmingham Polytechnic, and the University of Wolverhampton prior to his current position at Leeds Metropolitan University. His areas of teaching interest are biomechanics, anatomy and statistics. Current research interests include variability of accuracy-based movements, electromyography and basketball shooting. He is a qualified basketball coach, and coaches the Leeds Metropolitan University men's team and the North-East of England University men's team. He has been a member of ISBS since 1992, and was elected as Secretary-General in 1997.

Vice President of Conferences

Tony Bauer, PhD

Tony is currently an Associate Professor at Lakehead University where he has been teaching and researching in the field of biomechanics and ergonomics since 1984. He has been a long-standing member of ISBS since its beginnings in the mid 70's and served as a Board member during those years. He has presented regularly at most ISBS conferences and has published in the proceedings. In 1995 Tony hosted the highly successful ISBS Symposium at Lakehead University in Thunder Bay. At that time, however, he recognised a need to provide written organizational guidelines to assist Chairs plan and organize the conference with some degree of consistency. These guidelines were presented to the Executive and Board in Konstanz last year and, after final editing, the guidelines will be made available to the candidates applying to host the 2000 Conference. As the current VP of Conferences, Tony would like to continue in the role in order to further develop the written document so that it is effective.

Tony feels that the ISBS Board and membership has come a long way in recent years to develop the quality and standards of the conference and that ISBS is making excellent changes to facilitate its success. The annual conference is the show case event, which highlights the Society, so he feels that it is critical that we maintain the highest possible standards.
Eugene Brown has been a member of ISBS since 1984. During this time, he has served the Society in a variety of roles. These include memberships on the Executive Council (Secretary General, 1990-93, and Vice President of Awards, 1995-present), Board of Directors, and on various ad hoc committees. As the VP of Awards, Eugene developed a set of documents that were used for the first time in Madeira, Portugal to systematically evaluate the abstracts and presentations of members competing for the New Investigator Award. These documents are helpful to all members in preparing and delivering professional presentations. He has also developed a set of documents to facilitate the identification and selection of other ISBS awards recipients. Gene served on the Scientific Committee for the XVIth ISBS Symposium in Konstanz, a function that he has performed for previous symposia. Throughout his work with the Awards Committee, he has been able to temporarily advance the selection of the Dynac Lecturer from a time just before the annual symposium to 18 months in advance of the symposium.

Gene developed an Awards Committee poster, which highlights the history of ISBS awards and award recipients, and introduces the Society to the newly selected award recipients. After the symposium in Konstanz, he developed a coding form to record information on award recipients in order to produce press releases to highlight the accomplishments of new award recipients. This resulted in the first press releases, sent from the Awards Committee, to locally, nationally and internationally recognize award recipients and the Society.

To date, Gene has presented at eleven of the 16 ISBS symposia. Gene has also encouraged his graduate students to become actively involved with ISBS by motivating them to present papers and by car pooling with them to symposia that have occurred in North America. One of his doctoral students, Sang Yeon Woo, was the recipient of the 1997 New Investigator Award.

Gene received his undergraduate degree from the State University College at Cortland, New York. He completed a Master's degree at the University of Iowa and a Doctoral degree in physical education at the University of Oregon with an emphasis in the biomechanical analysis of physical activity. Dr. Brown is a faculty member of the Department of Kinesiology at Michigan State University (MSU) where he teaches undergraduate and graduate courses in structural and biomechanical analysis of physical activity. At MSU, he is also a faculty member of the Institute for the Study of Youth Sports (YSI). His interest in biomechanics and youth sports has resulted in studies of sports performance and injury mechanisms in young athletes.

Vasilios Baltzopoulos, PhD

Nationality: Greek (British citizenship)
Current Position:
Reader in Biomechanics
Department of Exercise and Sport Science
Manchester Metropolitan University
Manchester GREAT BRITAIN
E-mail: V.Baltzopoulos@mmu.ac.uk

Relevant Information:
Vasilios received a BSc degree in Sport Science in 1986 from the Aristotelian University of Thessaloniki in Greece. He then moved to Britain where he completed a MPhil and a PhD in biomechanics at the University of Liverpool. He was appointed as a Lecturer in
Biomechanics at the University of Liverpool in 1990 and then Reader in Exercise and Sport Biomechanics at the Manchester Metropolitan University in 1995. His research interests are muscle and joint function assessment using isokinetic dynamometry and musculoskeletal system modelling with particular emphasis on injury prevention and performance enhancement applications. Vasiliadis has published over 40 manuscripts from his research work, jointly with his research students and co-workers, in scientific journals including the Journal of Biomechanics, Clinical Biomechanics, Medicine and Science in Sports and Exercise, Journal of Physiology, European Journal of Applied Physiology, Critical Reviews in Biomedical Engineering, Journal of Sport Sciences, Sports Medicine, Journal of Electromyography and Kinesiology, Isokinetics and Exercise Science, Journal of Orthopaedic and Sports Physical Therapy, and British Journal of Sports Medicine. He was an invited speaker on joint loading and isokinetic dynamometry applications at a number of national and international meetings and has over 50 conference presentations in meetings of the ISBS, ISB, ECSS and BASES. He contributed three Chapters in books on muscle and joint function assessment and has so far supervised successfully 4 PhD students. He is currently the Chair of the Biomechanics section of the British Association of Sport and Exercise Sciences. Apart from his research interests, he also has a very strong interest and involvement in the development of computerised biomechanics teaching material.

Rodney Barrett

Nationality: Australian
Current Position: Lecturer
School of Physiotherapy and Exercise Science
Griffith University, Gold Coast Campus
Queensland AUSTRALIA
E-mail: r.barrett@mailbox.gu.edu.au

Relevant Information:
Rod has a Masters degree in spinal biomechanics and is currently completing a PhD in muscle mechanics. Rod coordinates the undergraduate biomechanics teaching programs in the School of Physiotherapy and Exercise Science at Griffith University and is currently supervising 6 post-graduate research students. Rod’s research is primarily focused on models for determining loads on the musculoskeletal system with particular emphasis on Hill-based muscle mechanics. He attended his first ISBS conference in Melbourne in 1989 and, as a current Director of the ISBS, makes regular contributions to the ISBS Newsletter in a column called “Rod’s Tips”. As a younger member of the Board of Directors Rod feels that he can contribute to the mission of ISBS by becoming actively involved in the activities of the Executive and the Society in general.

Al Finch, PhD

Current Position: Professor & Director of the Biomechanics Laboratory and Exercise Science Division
Physical Education Department,
Indiana State University
Indiana USA

Relevant Information:
Al Finch gained his BSc & Physical Education/K-12 Teaching qualifications from the University of Connecticut in 1975. He then gained a Master’s (1977) and a PhD (1980) in biomechanics from the University of Maryland. Research projects that Al Finch has recently been involved with include developing rehabilitation protocol parameters for Conva-Lift Active Traction prototype, the effect of back belts on EMG activity of the low back and alterations of back EMG activity during fatiguing conditions, and biomechanical analysis of new putter prototype (see www.sportsci.com/wildman/). He was also a member of the Research Film Group at the 1996 Atlanta Olympic Games for the International Track & Field Coaches
Association, and was responsible for collecting Track & Field research video and uploading it on to the Internet (see www.arielnet.com). Al Finch was also a member of the Research Filming Group at the 1981 United States Sports Festival held at Indianapolis, Indiana.

Kostas Gianikellis, PhD

Nationality: Greek
Current Position:
Profesor Titular de la Universidad
Director of the Laboratory of Biomechanics of Human Movement
Faculty of Sport Sciences
University of Extremadura SPAIN

Relevant Information:
Kostas received a PhD in biomechanics of the Human Locomotor System from the Department of Mechanical Engineering and Materials from the Polytechnic University of Valencia (Spain). Prior to his current position he was with the Hellenic Sport Research Institute in Greece, collaborating with Professor L. Tsarouchas in the Department of Analysis of Sports Technique (1985 - 1988), and during more than six years (1988 - 1994) he was investigator in the Biomechanics Institute of Valencia (IBV) in Spain. The activities of IBV covered Research and Technological Developments in three fields of applications, namely, sports, medical and occupational biomechanics. His research interests are in the methodology of biomechanical analysis, biomechanics of joints, and applied biomechanics in shooting sports and track and field modalities.

Kostas has participated in more than 20 grant-aided projects that could be classified in: applied research, technological development, studying and testing of products, training of professionals and market analysis, and counseling to obtain resources in research and development. The most important applied research projects on sports biomechanics that Kostas has been involved in include: the Biomechanical Research Project of the 1st World Junior Championships (Athens, 1986), and the Summer Olympic Biomechanical Projects: Project 6: Equestrian Sports - Show Jumping; Project 8: Track and Field - Javelin (Barcelona, 1992).

Kostas has also actively participated in ISBS symposia, presenting his work at those meetings held in Athens, Milan, Budapest, Madeira, and Konstanz. Kostas states that he is honored to be nominated for the Board of Directors of ISBS, and feels that his experiences in academia and research have prepared him for this position.

Patria Hume

Nationality: New Zealand
Current Position:
Lecturer in Biomechanics
Department of Sport and Exercise Science
The University of Auckland
Auckland NEW ZEALAND
E-mail: p.hume@auckland.ac.nz

Relevant Information:
Patria has been a member of ISBS since 1994. Her main sporting research interests are in gymnastics, netball, rugby league, and soccer. Patria teaches biomechanics technique assessment and injury mechanics subjects to sport and exercise science students and to chiropractic students. Patria currently supervises Masters students working on the mechanics of delayed onset muscle soreness, mechanics of hamstrings injuries, technique assessment of martial arts kicks, and the mechanics of the cycle-run transition phase in triathlon. Patria was the co-chair of the Second Australia New Zealand Biomechanics Conference (ABC2) in 1998. Patria has been working to increase the level of understanding and use of biomechanics by coaches in New Zealand.
Christina Kippenhan, PhD

Nationality: German
Current Position: Assistant Professor
Department of Physical Education, Health & Sport
Bemidji State University
Bemidji USA
E-mail: ckippenhan@vax1.bemidji.msus.edu

Relevant Information:
After gaining the "Staatsexamen" (Masters equivalent) in Mathematics and Sports Sciences from the Ruprechts-Karls-Universitaet Heidelberg, Germany, Christina completed a PhD in Exercise Science (Sports Biomechanics) at The University of Iowa, Iowa-City, USA. Christina worked as an assistant at the Olympic Training Center in Heidelberg, for the Department of Sport and Sports Sciences at the Ruprechts-Karls-Universitaet Heidelberg, and the Sports Biomechanics Laboratory at the University of Iowa. In her current position at Bemidji State University, Christina is the Director of the Sports Biomechanics Laboratory. Christina’s research interests include aquatics (especially swimming), track and field, and the mechanical aspects of skill acquisition. She has published manuscripts in scientific and applied journals and has presented several papers at national seminars.

Juergen Krug, PhD

Nationality: German
Current Position: Professor & Director of the Institute of Motor Control, Biomechanics and Training Science
Faculty of Sport Science
University of Leipzig
Leipzig GERMANY
E-mail: krug@rz.uni-leipzig.de

Relevant Information:
Juergen Krug has studied both physical education and mathematics, gaining his doctoral degree and habilitation at the Sports University in Leipzig. He has been a member of ISBS since 1994, holding the position of Director. Juergen has also worked on the ISBS research projects both in 1996/97 and 1997/98. His main research interests include sports technique in gymastics, diving and figure skating as well as interdisciplinary problems of biomechanics and motor control and learning.

Andrew Lyttle

Nationality: Australian
Current Position: Doctoral Student in Sports Biomechanics
Department of Human Movement
University of Western Australia
Nedlands Western Australia
Proprietor of SWOT Sports Video Analysis
Shenton Park Western Australia
AUSTRALIA
E-mail: alyttle@cyllene.uwa.edu.au

Relevant Information:
After receiving a BSc (Human Movement) with 1st Class Honours at the Southern Cross University (NSW, Australia), Andrew completed a post-graduate scholarship in sports biomechanics at the Australian Institute of Sport. Recently Andrew has been conducting his PhD studies in the area of swimming biomechanics which he is expected to complete in early 1999. In addition, Andrew is also the proprietor of SWOT Sports Video Analysis, which provides qualitative and quantitative biomechanical analyses of sporting and clinical performances. Andrew is also an accredited sports biomechanist with the Australian Association for Exercise and Sports Science (AAESS) and serves on the Executive committee for the Western Australian Chapter of AAESS. Andrew has published in peer-reviewed scientific journals such as Journal of Applied Biomechanics, Journal of Swimming Research, Journal of Human Movement Studies, and Journal of Strength and
Conditioning Research as well as applied articles in journals such as Strength and Conditioning Coach. This research has been focused on swimming technique and hydrodynamics as well as power development. Andrew’s current research in swimming hydrodynamics received the award for the Best Overall Paper at the VIII International Symposium on Biomechanics and Medicine in Swimming in Jyväskylä (June, 1998). Andrew has also presented research at the ISBS conference in Konstanz and is very interested in becoming actively involved in this year’s ISBS conference to be held in his home city. Andrew strongly agrees with the philosophy of applying scientific information to the general sporting public in a way that is both applicable and meaningful to both the coach and athlete. If elected to the Board of Directors of ISBS, Andrew is keen to become actively involved in the workings of the Society.

Wayne Marino, PhD

Nationality: Canadian
Current Position:
Professor
Department of Kinesiology
University of Windsor
Windsor CANADA
E-mail: wmarino@delt.uwindsor.ca

Relevant Information:
Dr. Marino is a charter member of ISBS and has attended 12 of the 16 annual symposia. He has presented 16 papers at ISBS conferences and has chaired several sessions. In addition, he was a member of the Scientific Committee of the 1995 conference. Wayne has been a member of the Board of Directors of ISBS since 1992 and has twice served as the chair of the Nominating Committee. His research interests are in sport biomechanics with specialization in biomechanics of skating and ice hockey skills. He is also a consultant for the Louisville Hockey Division of Hillerich and Bradsby of Canada.

Bruce Mason, PhD

Nationality: Australian
Current Position:
Head of the Biomechanics Department
Australian Institute of Sport
Canberra ACT AUSTRALIA
E-mail: bruce.mason@ausport.telemeno.au

Relevant Information:
Bruce Mason was awarded a PhD in biomechanics from the University of Oregon in 1979 under the supervision of Dr. Barry Bates. Prior to his arrival at the Australian Institute of Sport in 1983, Bruce held academic lecturing positions at the University of Wollongong and the University of Sydney. While he has provided biomechanical support for a large number of sports, the sports which he works with most closely at the present time are swimming, cricket and golf. Bruce is the biomechanical adviser to Australian Swimming and has worked with and provided biomechanical support to the Australian National Swim Team in their lead up to and through the following Championships: Commonwealth Games (Canada, 1994; Kuala Lumpur, 1998), World Swimming Championships (Rome, 1994; Perth, 1997), Pan Pacific Championships (Atlanta, 1995), Olympic Games (Atlanta, 1996); and the World Short Course Championships (Hong Kong, 1999). He has lead a competition analysis team at the 1985 World Cup in Track and Field Athletics, at the World Swimming Championships in 1998, as well as at the Australian National Swimming Championships since 1994. Bruce has also published and presented papers involving biomechanical analysis in a number of sports. Some of these have been presented at ISBS conferences since his first ISBS conference during 1987 in Athens. He is a current serving officer on the Board of Directors for ISBS and seeks re-election as an ISBS Board Member.
Spiros Prassas, PhD

Nationality: Greek
Current Position:
Associate Professor and Director
Biomechanics Laboratory
Colorado State University
Department of Exercise and Sport Science
Fort Collins USA
E-mail: prassas@lamar.colostate.edu

Relevant Information:
Spiros received his PhD from the University of Maryland, College Park, Maryland, USA. He has been an active member of ISBS since 1985. He served ISBS as Treasurer from 1993 to 1997. He is currently an ISBS Board member and a member of the Society’s Research Committee. He seeks re-election to the Board. Spiros has published/presented 34 papers in sport and clinical biomechanics. His main emphasis and passion is in research related to gymnastics and he is co-organizing the first ISBS applied session in gymnastics and acrobatics to be held next July 4th in Perth.

Aki Salo

Nationality: Finnish
Current Position:
Lecturer in Sport Biomechanics
Sport and Exercise Science
University of Bath
Bath ENGLAND
E-mail: A.Salo@bath.ac.uk

Relevant Information:
After finishing his Master of Sport Sciences degree (specialisation in Coaching and Biomechanics) from the Department of Biology of Physical Activity at the University of Jyväskylä, Finland in 1991, Aki worked at the Research Institute for Olympic Sports, Jyväskylä, Finland and was involved in providing a scientific analysis service for several different sports events. The approach of his research has always been from the practical sport and coaching perspective, i.e. performance related research. Having taken the opportunity to work at the Brunel University College, England, Aki was appointed as a biomechanist to the National Sprint Hurdle project in the beginning of 1994. He is currently a lecturer in Sport Biomechanics at the University of Bath, England and has just submitted his PhD thesis about various methodological aspects of motion analysis. Aki has actively written both scientific and coaching related articles and has been accredited by the British Association of Sport and Exercise Sciences for both Research and Scientific Support in Biomechanics. He is also a member of the British Olympic Association Performance Analysis Steering Group. He is a regular participant at international conferences including ISBS symposia and would be honoured to become actively involved with the Society. If elected, Aki would like to promote closer understanding between coaches and sport biomechanists.

Scott Sonnon

Nationality: American
Relevant Information:
Scott Sonnon has been a highly successful competitor as well as the coach and trainer for the USA Sambo Team from 1993 to 1995. Sambo is the fourth style of international wrestling recognized by FILA and the IOC, and is one of the eight directions of training in the Russian Martial Art, ROSS Training System. Scott was the first American to train in Russia with the Russian Special Forces ("Spetsnaz") trainers of Russian Martial Art, entitled the Russian Federation of Russian Martial Art (RFRMA). Scott was also the first non-Russian instructor/trainer of Russian Martial Art: inducted in Saint Petersburg, Russia 1996, by General Alexander Ivanovich Retuinskih.

Scott was the founder of the IBA Method (Intuitive Biomechanical Allodynamics -

Scott is also a Certified Trainer through the RFRMA in: Russian-style Military Close-quarters Combat and Survivalism; Executive, Private Professional and Close Protection; Russian Sports Biomechanics; Acrobatic Dance, Stunt and Theatrical Combat; Bayonet Fighting and Carbine Fencing; Russian Fisticuffs; Russian Sambo/Judo; and Russian System of Health Improvement. He is an inductee into the Florida Martial Art Hall of Fame and into the World Karate Union Martial Art Hall of Fame, and nominee for the position of the USA Olympic Sambo Team Women's Head Coach for Sydney 2000 Olympic Games. Apart from his Sambo pursuits, Scott gained a BA (Philosophy) from Millersville University of Pennsylvania.

David Waddell

Nationality: Canadian
E-mail: gowitzeke@hwfn.on.ca

Relevant Information:
David Waddell has over 50 years of experience in organizing, administering, officiating and coaching in several sports, particularly in badminton. He is the only badminton coach in the world who has carried out extensive research on badminton. In collaboration with his wife, Dr. Barbara Gowitzeke, David carried out the only in-depth research on the biomechanics of stroke production on national and international players over a period of 20 years. He has also conducted research in physiology and movement reaction times of young athletes.

A member of ISBS since 1984, David has functioned as a Director for many years, including four years as a Vice-President. He wrote the Constitution and By-Laws and presently serves as Chair of the By-Laws Committee. In recognition of his contribution to ISBS, David was elected a Life Member of ISBS in 1997.

Dan Wilson, PhD

Nationality: American
Current Position: Clinical Assistant Professor
Director, Gait Analysis Laboratory
Department of Physical Medicine and Rehabilitation and Physical Therapy
University of Missouri-Columbia USA
E-mail: dan_wilson@pmr.missouri.edu

Relevant Information:
After completing at BS in Computer Mathematics & Physical Education (dual degree) at Saginaw Valley State College in 1986, Dan went to Michigan State University where he completed both a MA (1989) and a PhD (1993) in biomechanics. Dan has held several academic and research positions including Teaching & Research Assistantships at Michigan State University (Department of Osteopathic Medicine Educational Research and Development and Department of Physical Education and Exercise Science) and a Research Assistant at The Institute for the Study of Youth Sports, Michigan State University. He was an Instructor of Physical Education at Albion College and Lansing Community College, a Post-doctoral fellow at the Medical Rehabilitation Research, University of Missouri-Columbia (1995-98), and an Assistant Professor in the Department of Health and Exercise Sciences at the University of Missouri - Columbia, Columbia and Director, Biomechanics Laboratory prior to his current position as listed above. Dan has authored/co-authored several scientific papers published in peer-reviewed journals as varied as American Journal of Veterinary Medicine, Journal of Back and Musculoskeletal Rehabilitation, Physical Therapy Archives of Physical
Bing Yu, PhD

Nationality: People’s Republic of China
Current Position: Assistant Professor
Division of Physical Therapy
University of North Carolina at Chapel Hill
Chapel Hill USA
E-mail: Bing.Yu@css.unc.edu

Relevant Information:
After gaining a BSc (Biomechanics) at the Beijing Institute of Physical Education, China, Bing completed a MS (Biomechanics) at Kansas State University, Kansas followed by a PhD with a major in biomechanics and a minor in statistical/anatomy in 1993 from the University of Iowa, Iowa. He has held numerous teaching/instructing and research assistant positions at these institutions, prior to gaining a post-doctoral research fellowship and an instructor’s position at the Mayo Clinic and Mayo Foundation, Rochester, Minnesota and then commencing his current position in 1996. Bing has published numerous (20+) manuscripts in both scientific and applied journals (China Sport Science, Journal of Biomechanics, Journal of Applied Biomechanics, Journal of Sports Sciences, Track Coach, IEEE, Journal of Rehabilitation Research and Development, Journal of Orthopaedic Research, American Journal of Sports Medicine, and Clinical Biomechanics). He has also presented over 30 papers at local, national and international seminars. Bing’s research has predominantly related to track and field (triple jump, discus, and javelin), weight lifting, biomechanical methodologies, and stair climbing.

Rod’s Tips: Interesting Web Sites to Visit!

And now for a few more of Rod’s Tips! Don’t forget, those sites that prove useful to the membership will be linked directly to the ISBS home page.

Today’s Tips:

A complete “hypertextbook” that is written for first-year undergraduate physics students can be found at:

http://ucriwec.uwce.uct.edu/koehler/biophys/text.html


Entitled “College Physics for Students of Biology and Chemistry”, the hypertextbook is an excellent resource for students studying biomechanics that might need to do some remedial Physics.

The Materials Science and Engineering Education (MATSEED) web site may be of interest to anyone teaching materials science. It contains information about curriculum and teaching programs from K-12 to University Graduate level. Classroom demonstrations will be added in the near future. The URL is:

http://weber.u.washington.edu/~matsed/

The web site for the Gait and Clinical Movement Analysis Society (GCMAS) contains some useful documents on the following topics: Fundamentals of Gait and Movement Analysis, Fundamentals of Electromyography, Discussion of 3D versus 2D
Movement Analysis, Basic Gait Terminology, Tips for Podium Presenters and Tips for Poster Presenters. The URL is:

http://www.gcma.org/

An excellent teaching related web site by Ken Young from the Department of Physics at the University of Washington can be found at:

http://www.phys.washington.edu/~young/208A/

The overall theme of the site is Physics in Sports and contains teaching notes, video clips, software downloads and more.

Human Performance Technologies (HPT) have set up a web site that contains a range of on-line resources in the area of clinical and applied biomechanics. An on-line lecture series is proposed for the near future. The URL is:

http://www.hpt-bioblink.com/hpt0000a/default.htm

The new International Sports Engineering Association (ISEA) website is located at:

http://www.sports-engineering.co.uk.

Rod Barrett

New ISBS Members

Due to the substantial increase in new members it is not possible to list the personal contact details of each member. However, welcome to ISBS!

David Aitken Australia
Monica Hubal USA
Sungjin Yoon Japan
Norean Lee USA
Barbara Gardner UK
Annaliise Dowling Australia
Ed Cunliff USA
Karl Orishimo USA
Sean Shimada USA
Guillermo Novell USA
Silvia Strigini Italy
Ryan Johnson Canada
Pippa Powers Ireland
Lutz Vogt Germany
Jai Singh USA
Chris Hass USA
Christopher Lockwood USA
Robert Sich USA
Mark Tillman USA
Shannon Crona USA
Ross Anderson Ireland
David Gandy USA

Tomohisa Miyahishi Japan
Annette Raynor Singapore
Kristina Clark USA
George Paradisi UK
Peter Sinclair Australia
Lara Moore USA
Scott Sonnon USA
Khaled Zahran USA
John Chow USA
Kirsty Bennie UK
Franck Miltan France
Gong Shan Germany
Elizabeth Cowling Australia
Miguel Narvaez USA
Stefan Benesch Germany
John Blackwell USA
Christie Munro New Zealand
Jodi Cossor Australia
Tal Amasya USA
Neil Purves Canada
Mark Luttrell USA
Richard Bragg USA

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Please make sure you are a member in good standing! See the Membership Application form at the end of the Newsletter.
ISBS 2000:
Congratulation Hong Kong!

非常感谢贵校的申请！
在此致上我们最衷心的祝贺，
但愿我们合作成功！

The Board of Directors and Executive have evaluated four excellent proposals to host ISBS 2000. The Chinese University of Hong Kong was chosen. The prospective dates are June 25 to June 30, 2000. The Symposium will be hosted by the Department of Sports Science and Physical Education, The Chinese University of Hong Kong, in collaboration with the Hong Kong Sports Development Board and Hong Kong Association of Sports Medicine and Sports Science. Dr. Youlian Hong of the Department of Sports Science and Physical Education will be the Chairperson. He will work with the ISBS Vice President of Conferences and Meetings, Dr. T. Bauer, to ensure that the Conference will be of high scientific standards and in the spirit of the International Society of Biomechanics in Sports.

I would like to congratulate Dr. Hong and wish him all the best for the important task he accepted. ISBS will support him in any possible way.

At the same time I sincerely thank the three runners-up. I hope that they will maintain their bid for future ISBS Conferences.

Hans Gros
President of ISBS

An Invitation to You All

The organizing committee, on behalf of the International Society of Biomechanics in Sports (ISBS), cordially invites you to participate in this Conference. Biomechanics has flourished both in Europe and North America for almost three decades. More recently, it has emerged as a new science in Asia where 3/4 of the world’s population reside. This emergence has been reflected in the rise in the number of sport scientists, physical education teachers and sport coaches who have followed world trends by adopting a more systematic analysis of sport. The ISBS conference will add momentum to the growing interest in this science. In addition, we will use the occasion of the ISBS conference in June 2000, to celebrate the arrival of the new century. To mark the occasion, the conference theme will reflect the trends in sports science for the new millennium. The conference will provide the opportunity for sport biomechanics to contribute to the understanding of sport, physical activity, health and fitness throughout the life span.

Hong Kong, as a lively, bilingual, multicultural, and international harbor city, is striving to become one of the world’s centers of excellence, and welcomes the opportunity to host the ISBS conference. We expect that this conference will attract scholars and researchers from all parts of the world for several reasons. First, no world conference on biomechanics in sports has been held in Hong Kong. Secondly, researchers in this field will be attracted to a conference, which is focused on their field of specialization. Finally, Hong Kong is a gateway to Asia and to the West and will form a meeting point for scholars from all parts of the world.
In addition to providing a unique international forum for the exchange of ideas and research results in sports biomechanics, we hope that you will take advantage of this opportunity to meet new friends and renew old acquaintances. We are confident that the conference will strengthen sport biomechanics in general while specifically promoting it in the Asian-Pacific region.

The Organizing Committee look forward to welcoming you to Hong Kong.

Prof Youlian Hong  
Chairman, XVIIIth International Symposium of Biomechanics in Sports  
Prof. David Johns  
Chairman, Department of Sports Science and Physical Education  
The Chinese University of Hong Kong

The Preliminary Program

The main topics of the Conference are:

1. Pure and applied sports biomechanics.
2. Modeling, simulation, optimization in sports biomechanics.
3. Applied methods and instrumentation.
4. Biomechanics of the musculo-skeletal system.
5. Biomechanics of training and sports equipment.
7. Biomechanics of pediatrics and geriatrics exercise.

In addition to the Scientific Program, there are Applied/Roundtable Programs with the topics:

1. Filming and motion analysis.
2. Force plate and gait.
4. Swimming.
5. Cycling.
6. Disable sports.
7. Tennis.
8. Martial arts.

Important Dates

- Full Paper Submission: February 15 2000
- Notification of Acceptance: March 20 2000
- Early Registration: May 1 2000
- Congress Dates: June 25-30 2000

For More Information

The E-mail account for ISBS 2000 is:

isbs2000@cuhk.edu.hk

The Home page account is:


This can be accessed via the ISBS home page. Click on "Conferences".

Please send E-mail to the captioned address for inquiry or ask for the First Announcement / Call-For-Paper and other conference materials.

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E-mail: isbs2000@cuhk.edu.hk
Yes, if you were concerned about travel costs before, you really can afford it now. Gideon Ariel has generously donated a free APAS analysis software package for every delegate of ISBS '99. The software on CD has a commercial value of 5000 USD. Why not tell your institution that by funding you to attend the Symposium your Department will be getting equipment worth 5000 USD. The APAS system can be used with data obtained from other motion analysis systems.

**Student Discounts**

Because of some cash sponsorship from Ariel Dynamics we are now able to offer student discounts. Students will pay only 350.00 AUD (230.00 USD) for registration and will enjoy all the benefits of full registration.

**Lots Of Interesting Papers**

Thank you to all those who have submitted scientific papers for ISBS '99. There have been 82 submitted at the time of printing this newsletter. In addition, there are 7 keynote addresses and 27 invited presentations during the applied program. The XVIIth International Symposium will be great professionally and socially.

**Need More Encouragement?**

For those of you 'teetering on the brink' and not quite sure whether to come to Perth for the Symposium, please consider the following:

- An excellent scientific program. Based on the standard of papers submitted it looks like the quality of the presentations will be superb.
• A unique applied program (optional) with some of the world's experts in swimming, tennis, gymnastics, and fundamental skills.
• A social program you will never forget. The manageable number of delegates accommodated on site at Hillary's resort ensures that this Symposium will be very convivial. Our social committee is working hard to make sure that you have an enjoyable time in Perth.
• Luxury accommodation at very affordable prices 27.00 AUD (18.00 USD) per night twin share. Do the sums, what you save on accommodation pays for much of your airfare.
• The Australian dollar is currently only 0.63 USD. You will find that your currency goes a long way in Australia.

How Can You Ensure That You Get Value For Money?

Airfares:
Shop around. You may be able to get substantial reductions in airfare. Try the following:
• Your local travel agent
• QANTAS. International travellers should quote the reference Code CIC*461/87 for the best possible price. Australian travellers can qualify for discounts of up to 45% on QANTAS by quoting the Association Profile Number: 1259662.
• Get Harvey World's price. Contact Paul Ramsay at e-mail:

sorrentoquay@harveyworld.com.au.

If you can get better than Paul's price then you know you have a good deal.

Make it a Holiday:
Many will have the opportunity to explore Perth and its environs on Saturday 3rd and Sunday 4th July when the applied sessions are running. There will also be excursions running during the Symposium itself. The presentations will be organised into thematic sessions. This means that during sessions that are not in your area of interest you will have the opportunity to see the sights. Talk to Paul Ramsay about what you would like to do. There are many possibilities.

You should also think about staying a couple of days extra and going on a tour to one of the unique natural attractions of Western Australia or Australia. Please contact Paul Ramsay to explore the possibilities:

sorrentoquay@harveyworld.com.au.

Go to the Data Smoothing Workshop:
The data smoothing workshop on the 29th June is another way to get value from your airfare. This is a unique opportunity to learn about treating your data for optimum results and could lead to more and better publications. Three experts with outstanding reputations in data smoothing will be providing this opportunity.

Professor Graeme Wood
Professor Herbert Hatze
Dr Giannis Giakis

Other Information

Ground Transport:
We are providing a complimentary service from the international and domestic airports to Hillary's Quest Resort on your arrival and will take you to the airport for departure. Please contact us with your flight details when you have them.

Climate:
Perth has a pleasant Mediterranean climate. In early July temperatures are very comfortable with daily maximum temperatures usually above 17 degrees C (62 degrees F).

Getting the Latest Information:
Please keep track of the latest information about the Symposium through the web site accessed through the ISBS home page at:

http://www.uni-stuttgart.de/External/isbs/
We Are Excited

The members of the ISBS organising committee are excited about the ISBS '99 Symposium. We are certain that it will be fantastic both professionally and socially. We look forward to giving you a wonderful time in Perth. No bull (Australian for 'I am telling the truth').

News:
ISBS Board of Directors Meeting

The next ISBS Board of Directors Meeting will be held in conjunction with the XVIIth ISBS Symposium to be held in Perth, Australia. The tentative schedule for the Board Meetings is:

- Wed June 30, 4.00 - 6.00 pm: Pre-Conference Board Meeting
- Mon July 5, 11.15 - 12.15 pm: ISBS Annual General Meeting
- Wed July 7, 10.00 am: Post-Conference Board Meeting

For further details of these meetings please contact Ross Sanders on:

r.sanders@cowan.edu.au

$ Membership Fees $

Are your membership fees up to date? If not, your vote in the elections will not count! See the membership form at the end of this Newsletter for payment details.

Spare space?
Why not advertise here? See page 6 of this Newsletter for details.
ISBS Membership Application Form

If you do not have internet access, use the form below to become a member of ISBS. Otherwise, please connect to the following internet address:
http://www.uni-konstanz.de/FuF/SportWiss/ISBS/ISBSMembF.htm
(Also reachable via the ISBS home page)

From the treasurer of ISBS
Dr. Manfred M. Vieten
University of Konstanz
FG Sportwissenschaft
Universitätsstrasse 10
78464 Konstanz
Germany

Tel: +49-7531-88-3565; Fax: +49-7531-88-3026; E-Mail: Manfred.Vieten@uni-konstanz.de
http://www.uni-stuttgart.de/external/isbs/

ISBS Membership Fees

Please complete and return this form to the treasurer by ordinary mail. The full ordinary membership fee is US$ 20.— (EUR 17.00) and the student membership fee is US$ 10.— (EUR 8.50). Please note that you are requested to pay either in US Dollars or in EUR (EURO, the new European currency). Please select your preferred method of payment on the following page.

Your membership data:

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Please return by mail to the following address:

University of Konstanz
FG Sportwissenschaft
Dr. Manfred Vieten
Universitaetsstrasse 10
78464 Konstanz
Germany

Your payment action for the following years (please indicate □):

☐ 1999 US$ 20 (students 10) or DM 36.50 (students 18.25)
☐ 2000 US$ 20 (students 10) or DM 36.50 (students 18.25)
☐ 2001 US$ 20 (students 10) or DM 36.50 (students 18.25)

Sum US$ _______ or DM _______

I enclose a cheque/money order for US$ _______ drawn on a US Bank and made payable to the International Society of Biomechanics in Sports.

OR

I enclose a Euro-cheque for EUR _______ made payable to the International Society of Biomechanics in Sports.

OR

Charge EUR _______ to my (please indicate □):

☐ Visa ☐ MasterCard/EuroCard ☐ Diners Club International

Card Number:

[______ ______ ______ ______]

valid thru: ___/___

Cardholder: ____________________________

Signature ____________________________ Date ___________