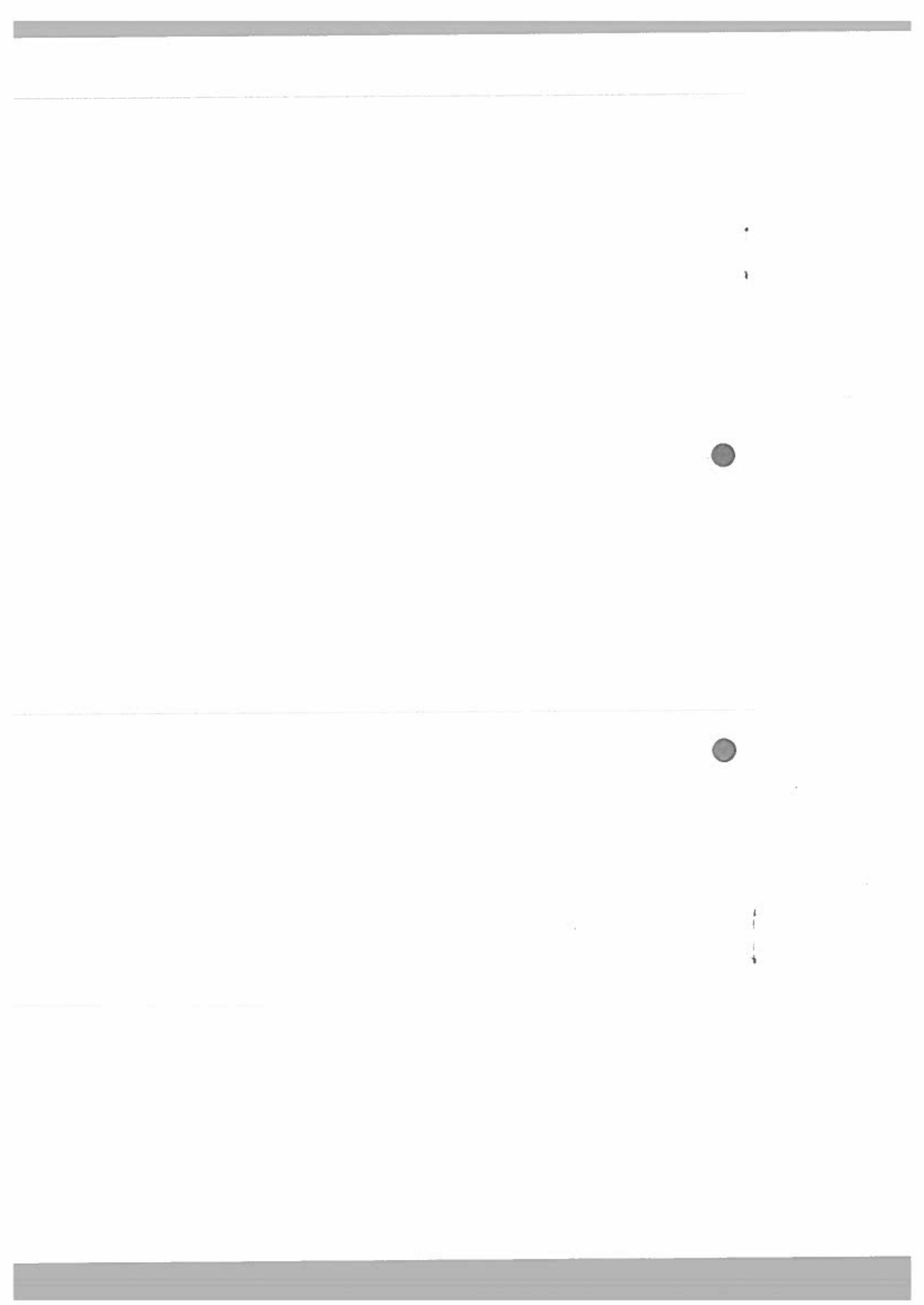


International Society of Biomechanics in Sports Newsletter



TABLE OF CONTENTS

President's Message	2
Vice President's Reports	
VP Awards	3
VP Research & Projects	3
VP Publications	4
Treasurer's Report	5
ISBS Elections: It's Voting Time Again	6
ISBS Elections: 2000 - Nominations	7
ISBS Profiles: Whom Are You Voting For?	7
ISBS Board of Directors	19
ISBS Executive Council Directory	20
New ISBS Members	21
2000 ISBS Symposium: An Update	22
ISBS Membership Application Form	24



President's Message: Ross Sanders

There has been considerable activity, achievement, and change within the ISBS since the last newsletter:

The Good News

- The 2000 conference is well on track to be one of the best ever. Youlian Hong has indicated that there have been over 250 papers submitted. This is testimony to the sound organisation and promotion by Youlian and his team.
- Renato Rodano and Youlian Hong have secured eminent persons as patrons of the ISBS2000 conference. It appears that this idea, pursued by Renato and David Waddell for some time, has finally come to fruition and reflects well on the image and international reputation of the ISBS.
- John Blackwell is hosting the 2001 conference in San Francisco and Kostas Gianikellis has won the bid from a number of excellent submissions for 2002. The 2002 conference will be held in Caceres Spain. Congratulations to John and Kostas on the quality of their submissions and to Tony Bauer for his capable organisation of the bidding and evaluation process.
- Hans Gros continues to develop the main ISBS website and has established a very good information retrieval service that includes papers from previous ISBS conferences.
- The ISBS applied home pages are under construction and some of the sport specific pages may be in place at the time of going to print. The hub of the ISBS applied home pages is the University of Edinburgh and is linked to the main ISBS home page in Stuttgart. The applied home page hub may be accessed through the ISBS home page or directly at:

<http://www.education.ed.ac.uk/pepls/isbs/cis/index.html>

- The applied home pages in place or under construction at the present time are:

- *Basketball*, Stuart Miller, Leeds Metropolitan University
- *Golf*, Malcolm Fairweather, University of Edinburgh
- *Gymnastics*, Spiros Prassas, Colorado State University
- *Soccer*, Gene Brown, Michigan State University
- *Strength and Conditioning*, Mike Stone, University of Edinburgh
- *Swimming*, Ross Sanders, University of Edinburgh
- *Tennis*, Bruce Elliott, University of Western Australia
- *Volleyball*, Simon Coleman, University of Edinburgh

- If you are interested in being a compiler/editor in a particular sport please let me know. This will build an outstanding library of scientific information that is 'coach and athlete friendly'.
- The ISBS Executive has been investigating the feasibility of having an ISBS Journal dedicated to sport biomechanics. There are some positive signs. 'Stay tuned', the membership may soon be asked to vote on issues relating to this.
- Eugene Brown and the Awards Committee have designed and produced special ISBS membership pins. Youlian Hong has generously funded the first pin to current members and new members signing up for the Hong Kong conference.
- Wayne Marino and Stuart Miller have capably organised nomination and election of this year's Board members and Executive. Please make sure you cast your vote (see inside).

The Bad News

- I don't think there is any. So this is more good news.

Hope to see you in Hong Kong ☺

Ross Sanders
President of ISBS

Vice Presidents' Reports

VP Awards: ♠ Eugene Brown

The Awards Committee consists of the following individuals:

Tony Bauer tbauer@gale.lakeheadu.ca
Barbara Gowitzke gowitzke@hwcn.org
Stuart Miller s.miller@lmu.ac.uk
Sang Yeon Woo s-ywoo98@asan.sch.ac.kr
Eugene Brown ewbrown@pilot.msu.edu

The Awards Committee is gearing up for the ISBS Symposium in Hong Kong. In keeping with our past activities, there will be:

- recognition of the new Geoffrey Dyson Lecturer, Bruce Mason from the Australian Institute of Sport;
- an Awards Committee poster, providing a history of ISBS awards and award recipients and general information on ISBS awards; and
- competition for the New Investigator Award.

There will also be some new awards activities in Hong Kong. Actually, the process for these "new" awards got its start in 1991, when there was an initial attempt to investigate the purchase of membership lapel pins to recognize all members of ISBS. Through sponsorship, that Dr. Youlian Hong has recently been able to acquire for the purchase of membership lapel pins, the Awards Committee has been given permission to select a professional lapel pin that we will all be proud to wear. It is a 22mm (7/8 inch) diameter die cast brass pin with 10K gold plating for the raised ISBS logo and lettering. The surface is a matte black color to contrast with the gold letters and logo. This will look very classy and will not clash with any color outfit that might be worn. All members of ISBS, who attend the Symposium in Hong Kong, will receive their membership pin. In addition, new members will be given their membership pins as part of a brief induction ceremony. The members of the Awards Committee hope to see you wearing your lapel pin in Hong Kong.

Eugene Brown

VP Research & Projects: ☐ Larry Noble

The society has two active research projects:

- Interactive Stepping Machine Research Grant Project (SMRGP), and
- Discus Research Project (DRP).

The SMGRP is jointly sponsored by X-iser Industries (Juris Terauds, President) and provides \$2,000 in support of a maximum of five research projects involving the efficacy of variable resistance, interactive stepping machines manufactured and distributed by X-iser Industries (several units will be provided by X-iser Industries to each grantee, as needed). The specific goal of the project is to facilitate research that will identify the optimum short bout 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 have been solicited via our website and newsletter as well as announcements on BIOMCH-L electronic bulletin board. However, other projects involving biomechanical and physiological examinations of exercise are 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 machine provided by X-iser Industries. One grant was recently awarded to John Chow, University of Illinois, USA for a study entitled: "*The effect of stepping rate on knee joint forces during stepping exercise*". The project is now in progress and is expected to be completed by June, 2000. No grant proposals are under review at this time, so there is the potential for the funding of four additional projects. We encourage all members to consider taking advantage of this opportunity. Details of the project and application procedures can be found on the ISBS website.

The DRP is jointly sponsored by the Division of Physical Therapy at the University of North Carolina at Chapel Hill and USA Track and Field (USATF). It 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. Last year a proposal submitted by Tomohisa Miyanishi, Faculty of Physical Education, Sendai College, Miyagi, Japan was supported. The study, involving analysis of angular momentum during the discus throw of elite performers, has been completed and a paper has been submitted for presentation at the ISBS Symposium in Hong Kong.

No firm plans have yet been developed for additional projects for 2000. However, we have discussed extensively the concept of collaborating with on-site videographic and cinematographic data collection teams at the Sydney 2000 Olympics to facilitate biomechanics research of these events by scientists other than members of the on-site team. Any ideas and suggestions that any of you have for improving the effectiveness of existing projects or the development of new projects are welcome. We are especially interested in facilitating the sharing of videographic, cinematographic, or other databases of elite sports events with members of the society. If you are part of an on-site data collection and research team involving highly skilled sports performance and would like to pursue the concept of sharing the data with other interested members, please contact:

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

Larry Noble

VP Publications: Julie Steele 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 to the NEW ISBS VP Publications, to be announced after the next elections!

NEXT DEADLINE: September 1, 2000

Editorial Thanks and Goodbye!

This is my last Newsletter as I am stepping down as the VP Publications to allow some new enthusiasm to be injected into the ISBS publications. I leave the position with mixed feelings. On the one hand I will be relieved, as will be my students, that we no longer have to stamp and lick over 500 envelopes twice a year! On the other hand it has been a wonderful way to keep up to date with what is going on in the Society and to keep in touch with so many ISBS members. Before stepping down I must once again thank my Editorial Assistants from the Biomechanics Research Laboratory, University of Wollongong, who have proof read my Newsletters to try and minimise my errors and who assisted in stuffing the envelopes. Thanks particularly to Bridget Munro, Elizabeth Cowling, Annaliese Dowling, Suzi Edwards, Kelly-Ann Bowles, Gavin Pinniger, and Diane Harland. With over 500 ISBS members, this is quite an effort!



Thanks also to those of you who have contributed items to the Newsletters that I have edited, particularly people such as Eugene Brown and Larry Noble who ALWAYS sent something and 99% of the time, right on time!

Julie Steele

Advertising in the Newsletter

ISBS has now over 500 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 = 60 cents US). Maximum exposure at bargain rates!

News 9

The ISBS Coaches Information Service will be another great platform to communicate applied biomechanics research with coaches and athletes of various sports. Please keep checking the web as new materials become available. If you would like to contribute to the applied web site of ISBS please contact Ross Sanders (if you wish to add a new topic) or the persons responsible for the sports (to submit information about that specific sport).

Treasurer's Report: Manfred Vieten

As of the end of March 2000, we had 508 members from 41 different countries. The following table contains some details on these members.

Country	No of members
Argentina	1
Australia	50
Austria	3
Belgium	2
Brazil	16
Bulgaria	1
Canada	19
Chile	1
China	11
Croatia	3
Czech Republic	1
Denmark	4
Egypt	3
Estonia	1
Finland	3
France	7
Germany	45
Greece	8
Hungary	3
Iceland	2
Iran	1
Ireland	5

Israel	2
Italy	12
Japan	19
Mexico	1
Netherlands	1
New Zealand	8
Portugal	8
Puerto Rico	2
Qatar	1
Russia	1
Singapore	4
Slovenia	6
South Korea	2
Spain	6
Taiwan	7
UK	36
Ukraine	2
USA	197
Venezuela	3
SUM	508

Many members pay their fee at this time of the year. Therefore, the number of members in good standing is increasing. However, less than 50% of members have paid their fees for 2000. So please, if you have not done so, pay those fees now.
Manfred Vieten

ISBS Elections: It's Voting Time Again...

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 form has been included as a separate sheet with this Newsletter. You may also submit your vote electronically via email.

You may have already received a 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 you 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

General Voting Information

1. In accordance with the ISBS Constitution and By-Laws, officers are to be elected every year. This year, these include:
 - President Elect,
 - Vice President for Projects and Research,
 - Vice President for Public Relations,
 - Vice President for Publications, and
 - (up to) 10 Directors.
2. Officers are elected by a simple majority. Thus, for each of the above positions, the person(s) receiving 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 it 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.

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 ballot form.
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. You may return votes electronically or by surface/air mail.
5. Return the completed form to the Secretary General by **30th APRIL, 2000** (envelope post-marked by this date) to:

Stuart Miller, ISBS 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.

ISBS Elections 2000 – Nominations (including country of residence)

PRESIDENT ELECT

Brown, Eugene USA

(Select no more than one candidate)

VICE PRESIDENT FOR PROJECTS & RESEARCH

Knudson, Duane USA
Smith, Richard Australia

(Select no more than one candidate)

VICE PRESIDENT FOR PUBLIC RELATIONS

Rodano, Renato Italy

(Select no more than one candidate)

VICE PRESIDENT FOR PUBLICATIONS

Gros, Hans Germany

(Select no more than one candidate)

DIRECTORS

- | | |
|----------------------|-----------|
| 1. Abrantes, Joao | PORTUGAL |
| 2. Blackwell, John | USA |
| 3. Burnett, Angus | AUSTRALIA |
| 4. Finch, Al | USA |
| 5. Gowitzke, Barbara | CANADA |
| 6. Jost, Bojan | SLOVENIA |
| 7. Kreighbaum, Ellen | USA |
| 8. Krug, Juergen | GERMANY |
| 9. Kwon, Young-Hoo | KOREA |
| 10. Luhtanen, Pekka | FINLAND |
| 11. Malone, Laurie | CANADA |
| 12. McBride, Peggy | AUSTRALIA |
| 13. Miller, Marilyn | USA |
| 14. Salo, Aki | ENGLAND |
| 15. Simpson, Kathy | USA |
| 16. Smith, Richard | AUSTRALIA |
| 17. Sorensen, Henrik | DENMARK |
| 18. Steele, Julie | AUSTRALIA |
| 19. Woo, Sang-Yeon | KOREA |

(Select no more than 10 candidates)

ISBS Profiles: Whom 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.

President Elect

Eugene Brown, PhD

Eugene (Gene) 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 Vice President of Awards, he 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 can be helpful to all

members in preparing and delivering professional presentations. He has developed a set of documents to facilitate the identification and selection of other ISBS awards recipients. Gene developed an Awards Committee poster that was shown for the first time at our symposium in Denton, Texas and will be on display this year in Hong Kong. This poster 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.

He is currently serving on the International Scientific Committee for the XVIIIth ISBS Symposium in Hong Kong, a function that he has performed for several previous symposia. To date, Gene has attended and presented at twelve of the 18 ISBS symposia.

Gene has also encouraged his graduate students to become actively involved with ISBS by motivating them to present papers and 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. Gene is a faculty member of the Department of Kinesiology at Michigan State University 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 role in YSI is threefold: writing educational materials (e.g., *Youth Soccer - A Complete Handbook* and *Program for Athletic Coaches Education*), conducting in-service training programs for individuals involved at various levels of youth sports, and

researching the biomechanics of youth involvement in sport. His interest in biomechanics and youth sports has resulted in studies of sport performance, as well as studies of injury mechanisms, in young athletes.

Gene has a keen interest in the sport of soccer, which he has coached at the collegiate level. He has served as a volunteer soccer coach with youth teams since 1973, beginning with his oldest son's team. He has also coached his second son's and daughter's soccer teams and is possibly looking for another team to coach, now that his youngest child is a junior in college.

If selected to the position of President of ISBS, Gene has identified the following as goals to be achieved:

- increase recognition of ISBS from professional, sport, and lay groups;
- improve the scientific quality of presentations, and published abstracts and papers associated with annual symposia;
- review of the constitution and by-laws;
- develop documentation for each elected position to guide and facilitate the activities of ISBS officers;
- increase active membership;
- develop incentives to recruit student members and to assist them in becoming active in the Society;
- develop a Society archive; and facilitate and foster activities that bridge the gap of understanding between biomechanics researchers and sport coaches.

Vice-President: Projects & Research

Duane Knudson, PhD

Nationality: American

Current Position:

Department Physical Education and Exercise Science

California State University at Chico

Chico, CA 95929-0330

Email: dknudson@csuchico.edu

Relevant Information:

Duane obtained his PhD in Biomechanics in 1988 from the University of Wisconsin, Department of Physical Education with a distributed minor in Anatomy and Engineering. He worked as a lecturer and Assistant

Professor from 1984 until 1997 at Baylor University before being appointed as an Assistant Professor, at California State University at Chico, in the Department of PE and Exercise Science, where he is currently working. In addition to his book, *Qualitative Analysis of Human Movement*, published by Human Kinetics, Duane has published over 30 articles in scientific journals such as *Perceptual and Motor Skills*, *Journal of Applied Biomechanics*, *Journal of Physical Education*,

Recreation, and Dance and Research Quarterly for Exercise and Sport. He has been awarded over \$48,000 in 9 extramural and 5 intramural research grants. Duane is currently on the Editorial Board for the *Journal of Strength and Conditioning Research* and *Sportscience* and has been a reviewer for *Physical Therapy*, *Journal of Biomechanics*, *Journal of Applied Biomechanics*, and *Medicine and Science in Sports and Exercise*.

Richard Murray Smith, PhD

Nationality: Australian

Current Position:

Research Manager

School of Exercise and Sport Science

Faculty of Health Sciences

The University of Sydney

PO Box 170 Lidcombe 2141

AUSTRALIA

Email: R.Smith@cchs.usyd.edu.au

Richard is enthusiastic about maintaining and improving the increasingly high standards of the ISBS. If elected to the Vice-President of Research and Projects position, he would actively pursue corporate and other sponsorship for sports biomechanics research funding, assist with the dissemination of the research output of the ISBS membership, particularly where it has direct practical application to sport. Fostering the continuing improvement of the standard of research associated with ISBS through providing resources on the internet and through Symposium workshops would be a further focus. He has been an active ISBS board member for the last two years and been active on the ISBS web pages in providing teaching resources. He has been a participant in the decision-making processes of the ISBS through attendance at Symposium meetings and on the Internet. He has been a member of ISBS since 1987.

Sports Biomechanics Interests

Richard's main sports interests are *rowing* and *sports footwear*. Richard manages a rowing

research project that involves a partnership with the New South Wales Institute of Sport, three post-graduate and one honours research students and international collaboration. The foci of the research are: the biomechanical determinants of rowing performance; ergometer characteristics which give the best simulation of on-water rowing; four segment muscle modelling of rowing to explore the effects of various activation patterns on rowing performance; using a Dynamics Systems model, exploring the process by which novice rowers learn rowing ergometer skill; and investigation of psychological factors such as self-induced mood states. Collaboration with Olympic rowers and coaches is a feature of the project. Sports footwear is being evaluated for its effect on foot motion and impact during running and other activities. An in-shoe measure of rearfoot motion in three dimensions has been developed.

Richard's qualifications include a B.Sc. (NSW), Dip.Ed. (Sydney), M.Sc. (Macq), M.Ed. (Manch), M.A. (Macq), PhD (Wollongong). In the last five years he has published 13 papers in international refereed journals, 50 papers in conference proceedings and was a chief investigator for more than AUS\$1.8 m in national competitive grants.

Vice-President: Public Relations

Renato Rodano, PhD

Renato Rodano was born in Milano, Italy, 1951. After completing qualifications as an Engineer in Bioengineering at the Politecnico di Milano, Renato worked as an Assistant Professor in the Department of Electronics and the Department of Bioengineering at the Politecnico di Milano. He is currently a Researcher at the same institute, co-ordinating a course on Rehabilitation Biomechanics.

Renato has combined his interests in sport with a strong engineering foundation to develop a unique research program at the Politecnico di Milano and at the Centro di Bioingegneria (Politecnico di Milano - Fondazione Don Gnocchi), where he is responsible for the Laboratory for the Analysis of Sport Movements (LAMS).

He has been involved in the development and application of devices and methodologies for non-invasive analysis of human locomotion; analysis of EMG signals by means of pattern recognition procedures; analysis of motor co-ordination in different sport activities; analysis of biomechanical interaction of sports equipment; and development of protocols for the evaluation of functional loss and bilateral asymmetries. His productivity in research is reflected with over 130 papers published in

international and Italian journals, books and proceedings.

As a member of ISBS since 1984, Renato has attended most of its Symposia and has served as a Director for many years and acted as VP Conferences for 4 years. Renato also hosted the 10th International Symposium of ISBS, in Milano, Italy, in 1992. His enthusiasm for the society was reflected in his election as President of the Society in 1995. In 1997 he was elected VP for Public Relations.

Apart from his extensive involvement with ISBS, Renato is also an active member of the Associazione Italiana di Ingegneria Medica e Biologica (AIIMB), the European Society of Biomechanics (ESB), and the International Society of Biomechanics (ISB).

Renato has been happily married to Anita, a Physical Education teacher, since 1977. Combining marriage and work together they wrote a book on the "Biomechanics of rugby scrum"! To prove he is not just a theorist, Renato has a PB for the marathon of 2h 24' 03", was 2nd in the 10,000 m at the Junior Italian Championships and continues to enjoy long distance running.

Vice-President: Publications

Hans Gros, PhD

Hans was born in 1954 in Eltville on the Rhine river in Germany. In 1976 he received a Diploma in Physical Education from the University of Mainz. Thereafter he studied Biomechanics under Dr. Terauds in Edmonton, Canada and earned a MSc (1978) and a PhD (1982). Since 1981 he has worked in Stuttgart teaching mainly Biomechanics, Skiing and Track & Field. Hans and his wife Petra have two children, Daniela (9) and Thomas (3).

Hans' primary research interests are in the areas of biomechanics applied to Track and

Field (analysis of events at various WC and OG), Archery (Cooperation with the German national team) and equipment design for safety and performance (mainly gymnastics).

Hans was a founding member of ISBS. He attended most of the conferences and served in various capacities on the Board of Directors and the Executive of ISBS. Most notably he edited the Newsletter in the mid-eighties, served as President 1998 / 99, and is Webmaster of the ISBS WWW site.

Directors

Joao Abrantes, PhD

No profile available.

John R. Blackwell, PhD

Nationality: American

Current Position:

Chair, Exercise and Sport Science Department
University of San Francisco
2130 Fulton Street
San Francisco, California
94117-1080 USA
Email: blackwell@usfca.edu

Relevant Information:

John will be host to the ISBS XIX International Symposium on Biomechanics in Sports (2001).

His interests include mechanisms of tennis-related muscle injury, muscle fatigue, and biomechanical correlates of motor skill acquisition. John has also published in journals such as *Applied Ergonomics*, *Journal of Biomechanics*, *International Sports Journal*, *International Journal of Sports Medicine*, *Journal of Physical Education, Recreation and Dance*, *Research Quarterly for Exercise and Sport*, and *Acta Psychologica*.

Angus Burnett, PhD

Nationality:

Australian

Current Position:

Sports Biomechanist
Western Australian Institute of Sport
AUSTRALIA
E-mail: aburnett@wais.org.au

Relevant Information:

Angus attended the 1999 ISBS conference. His main sporting and research interests are

kayaking, rowing, track and field, diving, gymnastics, cricket, Olympic weightlifting and rehabilitation from injury. Angus works day to day in practical environments with Institute athletes in addition to other sports medicine professionals. Angus is currently supervising an Honours student working on continual registration of handcurves in high level rowers. Angus also coaches a squad of elite junior javelin throwers.

Al Finch, PhD

No profile available

Barbara Gowitzke, PhD

Nationality: Canadian and American

Current Position:

Retired from McMaster University, where she headed the Biomechanics Laboratory for 18 years.

Contact address:

(Home) 123 Woodview Crescent
Ancaster, Ontario, L9G 1E8, CANADA

Telephone/Fax: 905-648-0108

E-mail: gowitzke@hwcen.org

Relevant Information:

Barbara has been a member of ISBS since 1984, and a Member of the Board of Directors of ISBS since 1985. She has enthusiastically participated in every ISBS Symposium, and

made many presentations, since 1984 (except 1992). Barbara was Vice President and Chair of Awards Committee for six years and is currently a Member of Standing Committees, Nominating and Awards. Barbara's research interests include biomechanical and neurophysiological principles applied to sport with a special emphasis on badminton.

Barbara's publications include two editions of a textbook, *Scientific Bases of Human Movement*, several papers in refereed journals as well as conference proceedings, and Editor and/or member of the Scientific Committee (ISBS) for several editions of the ISBS symposium proceedings.

Bojan Jost, PhD

Nationality: Slovenian

Current Position:

Director of Institute of Kinesiology
Gortanova 22, SI 1000 Ljubljana,
SLOVENIA

E-mail: bojan.jost@sp.uni-lj.si

Relevant information:

Bojan gained his academic qualifications from the University of Ljubljana, Slovenia including a PhD (Kinesiology and Biomechanics). He has held both research and academic positions including Associate Professor in Biomechanics of Coaching at the University of Ljubljana, and his current position is now Head of the Research group of Kinesiology of Sport at the Research Institute of Kinesiology. Bojan's numerous professional appointments include Chairman of the Expert Committee of Sport of the Slovenian Ministry of Education and Sport, Chairman of the Scientific and Expert Committee of the Slovenian Nordic Ski Association, member of the Committee of the postgraduate study and research of the

University of Ljubljana and Director of the 6th Sport Kinetics International Scientific Conference. Bojan's current research interests are in the area of expert modeling of the theory of sport coaching with the specialisation in biomechanical analysis of sport technique in different kinds of sports disciplines. He has presented more than 30 papers at international congresses and meetings, more than 10 scientific articles in international scientific journals and more than 40 applied articles on sports, physical education, biomechanics and coaching. He has made several presentations at ISBS symposia in the last 10 years. In the area of practical sport coaching activities, Bojan's main interest involves applying scientific methods through general Expert system "Sport manager" in various areas of performance diagnostics and managing to maintain and improve the performance of elite athletes. Bojan's writes "I would be honoured to become an active member of the ISBS Board of Directors".

Ellen Kreighbaum, PhD

Nationality: American

Current Position:

Professor and Department Head
Health and Human Development
Montana State University-Bozeman
Bozeman, MT 59717
USA

E-mail: ellenk@montana.edu

Relevant Information:

ISBS Contributions:

- Past President 1989-91
- Board of Directors 1978-Present

- Charter Member 1978-Present
- Conference Manager 6th Annual Symposium, 1988
- Scientific Committee Member for numerous annual symposia
- Awarded Life Membership 1998

Professional Contributions:

- *Biomechanics: A Qualitative Approach for Studying Human Movement*, Allyn and Bacon Publishers, 4 editions.
- *Sports And Fitness Equipment Design*, Human Kinetics Publishers.

- Biomechanics and Mobility, In *Fundamentals of Nursing Practice*, Saunders Publishers.

In addition to her books, Ellen has written numerous refereed journal publications in sport

biomechanics, sports medicine, and physical therapy biomechanics over a 29 year career and has presented at international and national conferences including ISB, ISBS, AAHPERD, and ACSM.

Juergen Krug, Dr. habil.

Nationality: German

Current Position:

Professor & Director of the Institute of Motor Control, Biomechanics and Training Science

Faculty of Sport Science

University of Leipzig

Germany

D 04109 Leipzig

Jahn Allee 59

Email: krug@rz.uni-leipzig.de

Relevant Information:

- Study of physical education and mathematics

- Doctor's degree and habilitation at the Sports University in Leipzig
- Member of the ISBS since 1994, holding the position of Director
- Working in the ISBS projects 1996/97 and 1997/98

Main Research Interests

Sports technique in gymnastics, diving and figure skating as well as interdisciplinary problems of biomechanics and motor control and learning.

Young-Hoo Kwon, PhD

Nationality: Korean

Current Position:

Assistant Professor

Biomechanics Lab, PL 202

Ball State University

Muncie, IN 47306, USA

E-mail: ykwon@bsu.edu

Relevant Information:

Education:

- PhD in Exercise Science & Sport Science (Biomechanics), Penn State University, Pennsylvania, USA, 1993
- MEd in Physical Education (Biomechanics), Seoul National University, 1986
- BS in Astronomy, Seoul National University, Seoul, Korea, 1984

Experiences:

- 1997-: Assistant Professor, Ball State University, Indiana, USA
- 1993.10-1997.7: Senior Researcher, Korea Sport Science Institute, Seoul, Korea

Current research topics:

- Computer simulation of the airborne movements: gymnastics & diving

- Swimming: underwater calibration algorithm, propulsive force & race analysis
- Short-track speed skating: mechanics of the sprint start (Olympic project)
- Running: fatigue versus shock attenuation ability in various age groups
- Ergonomic studies: running poles versus knee load & compressive garments versus performance

Software & system development projects:

- Kwon3D motion analysis package & KwonGRF GRF analysis package
- Simulation package for airborne movements
- Real-time player-tracking & game analysis system
- Have written numerous programs ranging from sport-specific to gait analysis

Other activities:

- Owner & moderator of the SportScience Internet Discussion Forum
- Author & webmaster of the Kwon3D Homepage:

- <http://www.cs.bsu.edu/~ykwon/kwon3d/>

For more information, visit:

<http://www.cs.bsu.edu/~ykwon/>.

Pekka Luhtanen, PhD

Nationality: Finnish

Current Position:

Senior Researcher in Biomechanics
Research Institute for Olympic Sports
Jyväskylä, Finland
E-mail: pluhta@kihu.jyu.fi
Web page: www.kihu.jyu.fi

ISBS:

- Member of the Board of Directors 1986-2000
- Vice President of Conferences: 1989-1991
- Recipient of the Geoffrey Dyson Lecturer Award 1997

Academic qualifications (University of Jyväskylä):

- BSc (Physical Education)
- BSc (Physics, Mathematics, Chemistry and Statistics)
- MSc (Exercise Physiology)
- Philosophy Licentiate (Exercise Physiology and Physics)
- PhD (Biomechanics)

Major Professional Appointments:

- Member of different committees and expert groups

- The Finnish Football Association: 1975-2000
- The Finnish Olympic Committee: 1980-1999
- Union of European Football Associations (UEFA): 1982-1999

Publications:

- 50+ papers at international congresses and meetings
- 100+ scientific publications on biomechanics, sports and physical education
- 200+ applied articles on sports physical education, biomechanics and coaching
- 7 textbooks on biomechanics and coaching
- 1 CD ROM for soccer coaching

Software products / SAGE Game Manager:

- Standard Version 1.0 for Soccer
- Heart Rate Version 1.0 for Soccer
- Badminton Version 1.0
- Tennis Version 1.0
- Web page: www.jsp.fi/sage

Laurie Malone, PhD

Nationality: USA

Current Position:

Assistant Professor
Division of Health, Physical Education and Recreation
Virginia Commonwealth University
817 W. Franklin St., PO Box 842037
Richmond, VA 23284-2037 USA
Email: lamalone@saturn.vcu.edu

Relevant Information:

Laurie first became a member of ISBS in 1985 as an undergraduate physical education student. Since that time, she has completed an MS (University of Oregon) and PhD (University of Alberta), both in sport biomechanics. Her current research interests are in the area of disability sport, in particular wheelchair basketball and swimming. She led a team of researchers at the 1996 Atlanta Paralympic

Games collecting performance data on over 400 swimmers. Working with colleagues in Belgium, Canada, and Australia, she plans to conduct further investigation at the Sydney 2000 Games. Laurie currently teaches courses in undergraduate kinesiology and motor behaviour, as well as graduate level biomechanics. Over the past two years, she has been developing a sport biomechanics/ exercise science laboratory for her department. In addition to her work at the University, she is involved in various disability sport organisations and works as an assistant for several athletes during National and International competitions. Laurie is currently a member of the Board of Directors, has made several presentations at ISBS symposia, and in 1996 won the Young Researcher Award. Laurie is seeking re-election as a Director to continue her active involvement with the Society.

Margaret (Peggy) McBride, PhD

Nationality: Canadian/Australian

Current Position:

Lecturer

Australian Catholic University

Sydney

AUSTRALIA

Email: p.mcbride@mackillop.acu.edu.au

Relevant Information:

Peggy McBride completed her undergraduate degree at Queen's University, Canada (1985) before embarking upon a Masters degree at the University of British Columbia (UBC). Under the supervision of Dr. Dave Sanderson, Peggy contributed to the embryonic stage of the UBC Biomechanics lab by manually removing sections of concrete floor for the installation of the force plate and tediously assessing the accuracy of various software routines with paper and pencil. Following 9 months of brain-numbing digitization of runners with leg length inequality, she emerged with a Masters degree in 1989. During this period, Peggy was also a member of the Canadian National Rowing team and competed at the World Championships (1985, 1986) and Commonwealth Games (1986).

Following graduation, the experience of being and athlete and sport scientist combined to enable Peggy to pursue a 9-year career as sport

biomechanist at the Australian Institute of Sport (AIS). During this time, she developed a telemetry system that allowed rowing coaches to monitor a variety of on-water performance variables in real-time. This technology proved to be a powerful coaching and research tool that enabled coaches and athletes to appreciate an applied biomechanical perspective in the enhancement of human performance.

While employed at the AIS, Peggy began to accumulate comprehensive biomechanical profiles on elite rowers in an attempt to identify aspects of individual and combined "crew" technique that may be associated with improved boat velocity. In 1998, she obtained a PhD from the University of Western Australia under the supervision of Prof. Bruce Elliot. A component of this doctoral research was presented at the 1999 ISBS Conference in Perth, and Peggy was honoured to receive the New Investigator's Award for her paper entitled "Use of real-time telemetry to monitor instantaneous seat and boat velocity in pair oared rowing".

Currently, Peggy is employed as the biomechanics lecturer at the Australian Catholic University (Sydney, Australia), and also serves as the undergraduate academic coordinator for the Human Movement program.

Marilyn K. Miller, PhD

Nationality: American

Current Position:

Assistant Professor

Bloomsburg University

Department of HPE&A

G46, Elwell Hall

Bloomsburg, PA 17815, USA

Email: mmiller@bloomu.edu or
kinetic@jlink.net

Past ISBS Participation and Contributions

- Marilyn has been a member of ISBS since 1986.
- Attended ISBS symposiums in 1991, 1993, 1995, and 1997.

- Presented at ISBS symposiums in 1993, 1995, and 1997.

Research in Applied Sport Biomechanics

- Effects of ankle and knee braces on lower extremity function.
- Kinetic and kinematic comparison of the grab start to the track start in swimming.
- Investigation of loading forces incurred during exercise.
- Biomechanical and physiological responses to exercise while using various types of exercise machines.
- Investigation of loading forces of novice lifters during selected Olympic lifts.

- Three-dimensional analysis of selected sport skills.

- EMG analysis of selected muscles during forward and backward exercise on elliptical trainers.

Aki Salo, PhD

Nationality: Finnish

Current Position:

Lecturer in Sport Biomechanics
Department Sport and Exercise Science
University of Bath
BATH BA2 7AY
ENGLAND
Email: A.Salo@bath.ac.uk

Relevant Information:

Aki received his Master of Sport Sciences degree, specialising in Coaching and Biomechanics, from the Department of Biology of Physical Activity at the University of Jyväskylä, Finland in 1991. Subsequently, he worked at the Research Institute for Olympic Sports, Jyväskylä, Finland and was involved in providing a scientific analysis service for several different sport 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 Brunel University College, England, Aki was appointed as a biomechanist to the National Sprint Hurdle project in the beginning of 1994. Aki completed his PhD thesis pertaining to various methodological aspects of motion analysis at the University of Exeter and he is currently a lecturer in Sport Biomechanics at the University of Bath. 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 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.

Kathy J. Simpson, PhD

Nationality: American

Current Position:

Assoc. Professor
Dept. of Exercise Science
University of Georgia
Athens, GA 30602-6554
Email: ksimpson@coe.uga.edu

Relevant Information:

Employment:

- University of Georgia, Athens, Georgia, USA
- Associate Professor
- Have been at UGA for 12 years

Research Interests:

- Lower extremity biomechanics- particularly impact attenuation strategies, e.g., role of muscles, knee flexion on internal joint forces prophylactic ankle bracing effects on ankle and knee kinematics

- Influence of total knee replacement design on biomechanics exhibited during functional activities
- Sport and locomotion as performed by athletics with lower extremity amputation
- Maximal effort running and adaptive mechanisms-long jump locomotor/visual control

Kathy has published in the *Journal of Applied Biomechanics/International Journal of Sport Biomechanics*, *Clinical Biomechanics*, *Medicine and Science in Sports*, *Gait and Posture*, and *International Journal of Sports Medicine*. She has presented at four ISBS meeting.

Other Relevant Professional Service

- President, Biomechanics Academy, American Alliance of Health, Physical Education, Recreation and Dance, 1993-1994.

- Executive board member of Biomechanics Interest Group of American College of Sports Medicine, 1997-2000.
- Editorial board member (term just starting): International Journal of Applied Sports Sciences (IJASS- a new journal).
- Section editor, Research Quarterly for Sport and Exercise, 1996-present.

Kathy says:

ISBS serves as an important organisation for the dissemination of high quality biomechanics research in the area of sport and other physical activities. Furthermore, we can serve as an

important conduit between sport scientists and the public. International collaborative research efforts could be fostered by ISBS as well. As one of several international biomechanics societies in existence, ISBS is unique, but we also need to be able to define ourselves as an organisation that can encompass a broader focus than sport, e.g., biomechanics of physical activity, to remain a vibrant and premier society. I would like to do my part to serve the organisation in accomplishing these tasks.

Richard Smith, PhD

Nationality: Australian

Current Position:

Research Manager
School of Exercise and Sport Science
Faculty of Health Sciences
The University of Sydney
PO Box 170 Lidcombe 2141
AUSTRALIA
Email: R.Smith@cchs.usyd.edu.au

Relevant Information:

Richard has been an active ISBS board member for the last two years and been active on the ISBS web pages in providing teaching resources. He has been a participant in the decision-making processes of the ISBS through attendance at Symposium meetings and on the Internet. He has been a member of ISBS since 1987.

Richard's main sports interests are *rowing* and *sports footwear*. Richard manages a rowing research project that involves a partnership with the New South Wales Institute of Sport, three post-graduate and one honours research students and international collaboration. The

foci of the research are: the biomechanical determinants of rowing performance; ergometer characteristics which give the best simulation of on-water rowing; four segment muscle modelling of rowing to explore the effects of various activation patterns on rowing performance; using a Dynamics Systems model, exploring the process by which novice rowers learn rowing ergometer skill; investigation of psychological factors such as self-induced mood states. Collaboration with Olympic rowers and coaches is a feature of the project. Sports footwear is being evaluated for its effect on foot motion and impact during running and other activities. An in-shoe measure of rearfoot motion in three dimensions has been developed.

Richard's qualifications include a B.Sc. (NSW), Dip.Ed. (Sydney), M.Sc. (Macq), M.Ed. (Manch), M.A. (Macq), PhD (Wollongong). In the last five years he has published 13 papers in international refereed journals, 50 papers in conference proceedings and was a chief investigator for more than AUSS\$1.8 m in national competitive grants.

Henrik Sorensen

Nationality: Danish

Current Position:

PhD Student
Institute of Medical Anatomy
University of Copenhagen
Denmark
Email: h.sorensen@mai.ku.dk

Relevant Information:

Henrik has been a member of ISBS since 1996. His main research interest is how training induced changes in muscle mechanical parameters affect movement. Methods - wise, he's interested in musculoskeletal models and inverse and forward dynamics, mainly applied

to movement analysis and optimisation of explosive type movements, but also used to investigate load on the musculoskeletal system to understand injury mechanics. Henrik teaches biomechanics and anatomy to sports students

and medical students and gives courses on various biomechanical aspects to physiotherapists, chiropractors and sport medicine doctors. Henrik has been coaching karate, table tennis and strength training.

Julie Steele, PhD

Nationality: Australian

Current Position:

Head, Biomechanics Research Laboratory
Department of Biomedical Science
University of Wollongong
Northfields Ave
Wollongong NSW 2522
Australia
Email: julie_steele@uow.edu.au

Relevant Information:

Julie is a Senior Lecturer in Biomechanics in the Department of Biomedical Science at the University of Wollongong, where she heads the Biomechanics Research Laboratory. Her research focuses predominantly on lower limb biomechanics with a specific interest in anterior cruciate ligament injury and dynamic landings,

neuromuscular control of the lower limb during dynamic tasks, and footwear design for the aged and obese foot. Julie has produced more than 35 scientific publications in international refereed journals (eg *Journal of Biomechanics*, *Clinical Biomechanics*, and *Medicine and Science in Sport and Exercise*), and has presented over 80 papers at national and international conferences, many at ISBS congresses. She was a keynote lecturer at ISBS '99. Julie is currently past President of the Australian and New Zealand Society of Biomechanics, a member of the Executive Council of ISB, and a Fellow of Sports Medicine Australia. Although stepping down as from her current position as ISBS VP Publications, Julie is keen to remain actively involved with ISBS as a Board Member.

Sang-Yeon Woo, PhD

Nationality: Korean

Current Position:

Assistant Professor
Soonchunhyang University,
Division of Sport Science
San 53-1, shinchang, asan,
Chungnam, Korea
Email: s-ywoo98@asan.sch.ac.kr

Relevant Information:

Education:

- BSc degree in Physical Education from Seoul National University in Korea

- MEd degree in Physical Education (Biomechanics) from Seoul National University
- PhD degree in Exercise Science (Biomechanics) from Michigan State University

Sport Interests:

- softball
- tennis
- volleyball

Research Interests:

- game analysis
- softball pitching
- gait pattern

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.

1998-2000

Barbara Gowitzke	Canada	gowitzke@hwcen.org
Jackie Hudson	USA	jackie_hudson@macgate.csuchio.edu
Joao Abrantes	Portugal	jabrantes@fmh.utl.pt
Ellen Kreighbaum	USA	ahdek@trex.oscs.montana.edu
Pekka Luhtanen	Finland	pluhla@kihu.jyu.fi
Richard Smith	Australia	R.Smith@cchs.usyd.edu.au
Rene Thérien	Canada	rtherrien@feps.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

1999-2001

Rodney Barrett	Australia	r.barrett@gu.edu.au
Jürgen Krug	Germany	krug@rz.uni-leipzig.de
Wayne Marino	Canada	wmarino@delta.uwindsor.ca
Bruce Mason	Australia	bruce.mason@ausport.telememo.au
Spiros Prassas	USA	prassas@lamar.colostate.edu
Bing Yu	USA	byu@css.unc.edu
Christina Kippenhan	USA	ckippenhan@vax1.bemidji.msus.edu
Patria Hume	New Zealand	p.hume@auckland.ac.nz
Kostas Gianikellis	Spain	kgiannik@cc.unex.es
Vasilios Baltzopoulos	England	v.baltzopoulos@mmu.ac.uk
David Waddell	Canada	gowitzke@hwcen.org

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:

Ross Sanders
Chair of Sport Science
Dept. of Physical Education, Sport, & Leisure
Studies
Moray House Institute of Education
University of Edinburgh
Cramond Road North
Edinburgh EH4 6JD, UK
Phone: +44-131-312 6001
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Past President:

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

Vice President Awards:

Eugene Brown
Physical Education and Exercise Science
Michigan State University
204 IM Sports Circle Bldg
East Lansing MI 48824 USA
Phone: +1-517-353 6491
FAX: +1-517-353 5363
E-mail: ewbrown@pilot.msu.edu

Vice President Conferences:

Tony Bauer
School of Kinesiology
Lakehead University
Thunder Bay P7B 5E1 CANADA
Phone: +1-807-343 8544
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E-mail: tbauer@gale.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 Bioingegneria
(Politecnico di Milano - Pro Juventute Fnd)
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E-mail: rodano@regolo.cbi.polimi.it

Vice President Research & Projects:

Larry Noble
Department of Kinesiology
Kansas State University
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Manhattan KS 66506 USA
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FAX: +1-913-5326486
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Secretary General:

Stuart Miller
Faculty of Leisure & Sports Studies
Fairfax Hall
Leeds Metropolitan University
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Leeds LS6 3QS UK
Phone: +44-113-283 2600
FAX: +44-113-283 7575
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Treasurer:

Manfred Vieten
University of Konstanz
FG Sportwissenschaft
Universitätsstrasse 10
D-78434 Konstanz GERMANY
Phone: +49-7531-883565
FAX: +49-7531-883026
E-mail: manfred.vieten@uni-konstanz.de

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!

First Name	Surname	Country	First Name	Surname	Country
Nancy	Getchell	USA	Tricia	Murray	USA
David	Mills	Canada	Weijia	Lu	China
Randy	Gillon	USA	Pamela	Russell	USA
Clara	Soper	New Zealand	Brian	Gordon	USA
Jennifer	Manning	Australia	Rene	Ferdinands	New Zealand
Joseph	Pennington	USA	Ben	Horner	England
Garvin	DanielJr.	USA	Zeljko	Hraski	Croatia
Iraklis	Kollias	Greece	Michael	Olson	USA
Tomoyuki	Matsuo	Japan	Masaki	Wakai	Australia
Daniel	Halliday	Australia	Paul	Malizia	USA
William	Sands	USA	Monica	Daley	Australia
Susan	Chinworth	USA	Daniel	Britt	USA
David	Rath	Australia	Kevin	Carlson	United States
Charles	Rosemond	Australia	Andrew	Rankin	Scotland, UK
Alastair	Hanna	Australia	Kevin	Ball	Australia
Thor	Besier	Australia	Jocelyn, Suk-Ping	Chan	China
Paul	Scheuer	USA	Wei-Hua	Ho	Taiwan, ROC
Jesper	Bencke	Denmark	Catherine	Hill	England
Hans-Wolfgang	Doettling	Germany	Naoko	Inoue	Japan
John	McCarthy	USA	Jun	Tsuchiya	Japan
Chi-kin	Cheung	Hong Kong	Michael	Davis	USA
TzeChung	Luk	China	Rainer	Leitner	Austria
Raul	Landeo	Australia	Richard	Lefebvre	Canada
Mark	Lui	USA	Bernard	Auvinet	France
William	Mills	USA	Vincent	DelleGrotti	USA
Howard	Brody	USA	Quita	Westcott	UK
John	Tan	Singapore	Margaret (Peggy)	McBride	Australia
Mark	deZee	Denmark	Edward (Ed)	Eveland	USA
Pascual	Marques	UK	Jing Xian	Li	China
Liliam	Oliveira	Brasil			
Valery	Kleshnev	Australia			
Daniel	Favier	France			

Please make sure you are a member in good standing! See the Membership Application form at the end of the Newsletter.

ISBS 2000: An Update

ACADEMIC ISSUES

A total of 250 papers have been sent out for peer review and the review reports are gradually coming back as I write this report (March, 2000). This number does not include another 15 papers from keynote and invited speakers and around 25 papers from the speakers who are recruited by the applied session organisers (invited speakers).

Ross Sanders, Roger Bartlett, David Lloyd and Jingxian Li have recruited speakers for their applied sessions in swimming, computer simulations in tissue loading, fundamental skills of throwing and martial art.

Papers are from China (Mainland, Taiwan and Hong Kong), Japan, United States, Germany, United Kingdom, Australia, Brazil, Iran, Korea, Spain, Yugoslavia, Austria, Belgium, Czech Republic, Finland, Israel, New Zealand, Russia, Slovenia, Denmark, Poland, Romania, Sweden, Thailand, Singapore, Portugal and Bulgaria (order according to the number of papers).

The following members of the ISBS Executive Committee and ISBS 2000 Scientific Committee have reviewed papers:

Albert Gollhofer, Barbara A. Gowitzke, Bing Yu, Bruce Elliott, Danny Too, David Lloyd, David Sanderson, David Waddell, Eugene Brown, Hans Gros, Jackie Hudson, Jing-xian Li, Joachim Wolf, Joao Abrantes, John Chow, John R. Blackwell, Julie Steele, Juergen Krug, Kostas Giannikelis, Larry Noble, Laurie A. Malone, Li Li, Mario Lamontagne, Manfred Vieten, Patria Hume, Richard Smith, Pekka Luhtanen, Renato Rodano, Rod Barrett, Roger Bartlett, Ross Sanders, San Yeon Woo, Shinji Sakurai, Spiros Prassas, Stuart Miller, Tony Bauer, Vasilios Baltzopoulos, Wayne Marino, William Lu, Young-Hoo Kwon and Youlian Hong.

Dr. Savio Woo, the Winner of 2nd IOC Olympic Prize, will deliver a special lecture in

the Conference -- Biomechanics of ACL & ACL Reconstruction.

SOCIAL PROGRAMS

A full program of social events has been arranged for delegates and partners. These include:

- Opening banquet at the Chinese University of Hong Kong
- Night Cruise at the world famous Victoria Harbour with a buffet on board
- City of Life tour – Stanley Market, Bird Garden, Jade Market, and Peak Buffet at the Peak.
- Visiting Hong Kong Sports Institute – the Olympic Training Centre of Hong Kong, and meeting with national coaches. All delegates are invited to dinner by HKSI.
- Closing Banquet.

ISBS LAPEL PIN

The official ISBS lapel pins have been designed and will be given to all ISBS members at ISBS 2000. It is a 7/8 inch diameter die cast lapel pin with a black matt background and raised ISBS logo in gold.

CONFERENCE BAG

The specially designed conference bag and polo-shirt (100% cotton) have been ordered and are in production.

REGISTRATION

For delegates:

	<u>Before May 1</u>	<u>After May 1</u>
ISBS members	HK\$ 2000	HK\$ 2400
Non-members	HK\$ 2400	HK\$ 2600
Students	HK\$1500	HK\$ 2000

(US\$1.0 ~ HK\$7.8)

The registration fee covers

- All sessions of the program
- Morning, afternoon tea and lunch

- Conference bag containing polo-shirt (100% cotton), lapel-pin (for member only), ball-pen, writing pad, etc.
- Scientific proceedings
- Opening Banquet
- Tour of City of Life including buffer at Victoria Peak
- Night Cruise of Victoria Harbour including buffet on board
- Closing Banquet

For accompanying persons:

Accompanying persons are welcome to attend ISBS 2000. The registration fee for accompanying persons is HK\$1500. This includes

- Morning, afternoon tea and lunch
- Opening Banquet
- Tour of City of Life including buffer at Victoria Peak
- Night Cruise of Victoria Harbour including buffet on board
- Closing Banquet

IMPORTANT DATES

Deadline for Paper Submission	Feb 29, 00
Notification of Acceptance	Mar 20, 00
Deadline for Early Registration	May 1, 00
Congress Date	June 25 - 30, 00

SPONSORSHIP AND EXHIBITION

Major Sponsor

- Vicon Motion System, Oxford Metrics Ltd

Sponsors

- Faculty of Education, CUHK
- New Asia College, CUHK
- Peak Performance Technologies, Inc.
- Socofar Biomedical Technology
- Fitness Concept

Exhibitors

- Advanced Mechanical Technology, Inc.
- Hang Po (H.K.) Industrial Co.
- Kistler China Limited
- Peak Performance Technologies, Inc.
- Red Lake Imaging Corp and Fortek Systems Company
- Socofar Biomedical Technology

- Fitness Concept

If you would like to get the latest and detailed information on registration, conference schedule and program, travel and accommodation, please visit:

<http://www.cuhk.edu.hk/spe/isbs2000/>

For More Information

The E-mail account for ISBS 2000 is:
isbs2000@cuhk.edu.hk

The Home page account is:
<http://www.cuhk.edu.hk/spe/isbs2000/index.htm>

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.

Youlian Hong PhD
ISBS 2000 Chairman
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Fax: (852) 2603 5781

ISBS 2000 Secretariat
Department of Sports Science and Physical Education
The Chinese University of Hong Kong
Shatin HONG KONG

Tel: (852) 2609 6082 or (852) 2609 6079
Fax: (852) 2603 5781

E-mail: isbs2000@cuhk.edu.hk

Youlian Hong

To become a New Member of ISBS please signup on the Internet at:
<http://www.uni-konstanz.de/FuF/SportWiss/ISBS/ISBSMemF.htm>
 However, if you prefer the traditional way please use the form below.

ISBS Membership Application Form

From the treasurer of ISBS
 Dr. Manfred M. Vieten
 University of Konstanz
 Sportwissenschaft
 Universitaetsstrasse 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 20.—) and the student membership fee is US\$ 10.— (EUR 10.—). Please note that you are requested to pay either in US Dollars or in EUR (EURO). Please select your preferred method of payment on the following page.

Your membership data:

	Personal data:	Please complete or correct:
Title:		
First Name:		
Middle Name:		
Surname:		
E-mail:		
Tel.:		() () () (country code) (area code) (tel number)
Fax.:		() () () (country code) (area code) (fax number)
University/ Institution:		
Department:		
P.O. Box:		
Street:		
Number:		
Postal Code:		
City:		
Country:		
Membership Status	Full Member / Student (please select)	

Please return by fax (+49 7531 88 3026) or mail to the following address:

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

Your payment action for the following years (please indicate

2000 US\$ 20 (students 10) or EUR 20 (students 10)

2001 US\$ 20 (students 10) or EUR 20 (students 10)

2002 US\$ 20 (students 10) or EUR 20 (students 10)

Sum US\$ or EUR

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

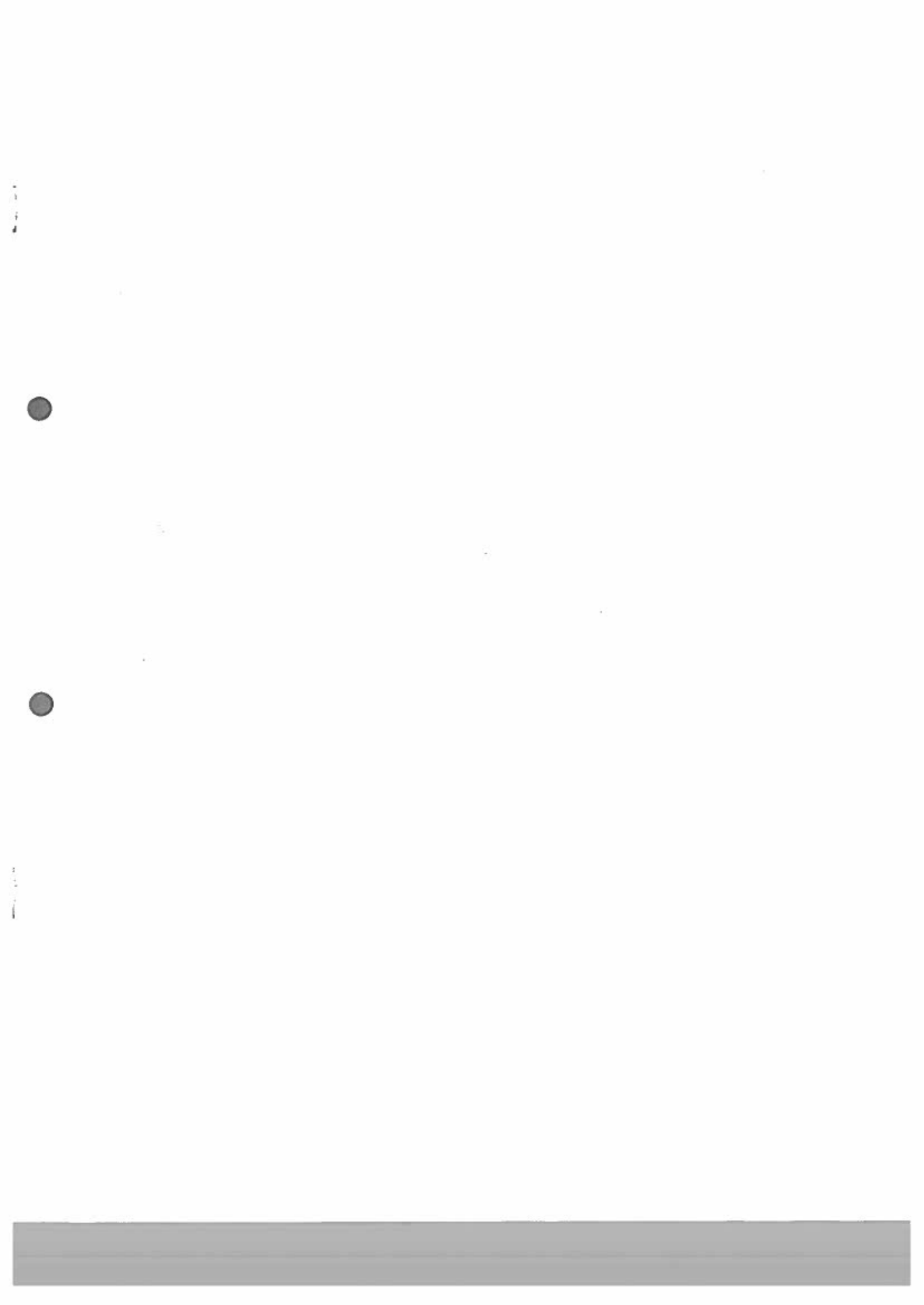
Visa MasterCard/EuroCard Diners Club International

Card Number:

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valid thru: ____/____

Signature _____ Date _____



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