

VOL. 11 NO. 1

JUNE, 1994

SPORTS BIOMECHANICS
NEWSLETTER





2
3

Greetings from the President	1
ISBS Research Project	1
News from Australia	3

Board of Directors Meeting.....

Present: Executive Board

- Lela June Stoner (President)
- Cynthia Tant (Secretary General)
- Spiros Prassas (Treasurer)
- Bill Morrison (Past President)
- Renato Rodano (VP-Conferences)
- Jerry Wilkerson (VP-Publications)
- David Waddell (VP-Public Relations)
- Larry Noble (VP-Research)

Board of Directors

- Ellen Kreighbaum, John Cooper
- Pekka Luhtanen, Bruce Elliott
- Joe Hamill, Jackie Hudson, Hans Gros
- Susan Hall, G. Wayne Marino
- Danny Too, Moira McPhearson

Members

- Barbara Gowitzke (representing Blaine Hoshizaki-VP of Awards), Gary Moran

* President Lela June Stoner started the meeting at 12:10 pm with the task of forming small groups to discuss ways of increasing members within ISBS. Ideas were generated while eating lunch.

* After lunch, Lela June discussed the importance of communication within our organization and the process of updating our membership list to be mailed out with the Fall Newsletter.

* Two Board of Directors Meetings will be held during the Hungary Conference. The first meeting will take place the afternoon prior to the start of the conference (July 1) and a second planned during the conference (2 hrs in duration). If members of the Executive Board &

Board of Directors cannot attend the conference, Lela June would like to know by March 1, 1994. Board members also were encouraged to serve as moderators to assist Aniko with the task. * Several ideas for new members were discussed:

1. Production of a brochure to let people know who we are and how to join the organization (Spiros will pursue this task)
2. Assignment of contact persons within various countries:

- Bruce Elliott (Australia/Asia)
- Hans Gros (Europe)
- Danny Too (North America)

A package of information about ISBS will be provided each contact person so dissemination of information will be easier for new members.

* Lela June assigned various jobs to the Executive Board and Board Members:

- Bill Morrison/Jerry Wilkerson - two new editors for the *Journal of Applied Biomechanics*; Publication of two newsletters next year.
- Blaine Hoshizaki (Barbara Gowitzke) Awards: Needs names for Dyson Lecturer prior to September 1st.
- Renato Rodano - Conferences: 1996 conference possibly Texas Woman's University; will look for site in Europe.
- Spiro Prassas - check into using MC/VISA to pay membership dues/look at form for application to membership.
- Cindy Tant - keep record of membership, update mailing list.

Continued on page 2

Research Project

All ISBS members and other sports biomechanics researchers are invited to participate in a research project designed to promote research in the biomechanics of gymnastics. The project involves instrumentation videographic recording of selected events of the **1994 World Gymnastics Championships** to be held in Brisbane, Australia April 20-24, 1994. Data collection is being coordinated by Bill Morrison in cooperation with the Australian Sports Commission. Copies of the videotapes will be provided for you and other researchers who submit an acceptable research proposal. You can contribute to the project in two ways: (1) prepare and submit a research proposal using the videotapes, and (2) solicit the participation of your colleagues who are interested in biomechanics research in gymnastics.

Proposal Guidelines

The research proposal 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,
- and (5) requirements of the data base (e.g. PAL or NTSC format, non-standard calibration requirements, specific time code requirements). The deadline for proposals is July 20, 1994. Notification of results of the reviews and delivery of the tapes will be completed as soon as possible. We will make every attempt to deliver the tapes to authors of acceptable proposals by September 1, 1994.

Continued on page 3

Board of Directors.....

Continued from page 1

- Larry Noble - coordinate research activities with the 1994 World Gymnastic Championships in Brisbane, Australia (April), instrumentation and recording of 4 events (use 4 different countries) to possibly create a model for future activities that would result in presentations and journal articles.

- David Waddell - will pursue acquisitions of letterhead and membership pins, mail Constitution and By Laws to Board Members by September 1st.

- Jerry Wilkerson - Deadlines for newsletter.

Oct 1 - Fall

March 15 - Spring (Election)

Need addresses of members to be included in fall mailing.

- Joe Hamill/Renato Rodano - list of names following Mass. Conference, updated disk/list of names to Cindy Tant.

Additional assignments of Board Members (if accepted):

- G. Wayne Marino - work with nomination committee.

- Moira McPhearson - investigate the declining number of women members.

- Jackie Hudson - historical perspective of the association over the past 10 years.

- Cindy Tant - will post notices on a regular basis over BIOMECH-L with:

First Listing - wrap-up of Amherst Conference, first announcement of Budapest Conference.

Second Listing - membership information.

Third Listing - proceedings to be purchased.

Fourth Listing - announcement of Budapest Conference.

- David Waddell proposed a motion to nominate John Osterello and Barbara Gowizke to 1 year appointments filling vacancies of Cindy Tant and Lela June Stoner. Motion was seconded by Ellen Kreighbaum. Discussion: Bill Morrison opposed the motion and felt that committees could use the help of these people. The vote was 7 in support, 1 against, and 2 abstain. Motion passed.

* As members began to leave it was pointed out that we violated our own Constitution and only the Executive Board Members could vote to fill the empty positions (vote - void - no decision was reached).

* Meeting adjourned 1:10 pm.

Respectfully Submitted:

Cynthia L. Tant
Secretary General

FROM THE TREASURER

Spiros Prassas

Thanks to the ISBS members that have renewed their membership for 1994, and to the 15 new individuals that joined the Society this year. I would like to remind the (considerable large number of) members that have not yet renewed their membership to **PLEASE** do so. The Society can not survive without members! If you lost the renewal form/notice sent to you in December '93, fill out the (appropriate sections of the) form attached to this newsletter and send it with your check money order to me.

Send memberships to the following address:

Spiros Prassas
Department of Exercise and Sport
Science

Colorado State University
Fort Collins, CO 80523 U.S.A.
Tel: 303-491-5999

FAX: 303-491-0445

E-mail:

prassas@condor.cahs.colostate.edu

If you renewed your membership (at \$55.00) and you have not yet received the JAB let me know, or even better, let me know, or even better, let Human Kinetics know.

The person to contact is:

Jackie Hoyt, Circulation Manager
Human Kinetics Publishers
1607 North Market Street
P.O. Box 5076
Champaign, IL 61825-5076 U.S.A.
Tel: 800-747-4457
FAX: 217-351-2674

A personal notice - I will (hopefully) be on sabbatical leave next fall (Fall '94) at the:

Hellenic Sports Institute
37 Kifissias Ave. 151-123
Maroussi, Athens GREECE

Although you can get in touch with me at that address, I recommend to send your communication(s) to my present address after mid-November.

NEWS FROM AUSTRALIA

Bill Morrison

There are two news items:

1. OPPORTUNITIES BETWEEN GERMANY AND AUSTRALIA

The boundaries of research are continuing to expand. Researchers have used conferences and symposia as valuable vehicles in technology transfer, concept development and visionary discussion in the past, to develop the research collegiality. Most of these interactions take place on local and national fronts with few occurring at the international level. Our society is most fortunate to have a strong international representation with members who are eager and willing to be involved at the thought provoking edge of international research.

In the past financial support, in many instances, has been restricted to national projects, conferences, etc., with little opportunity or encouragement to develop an international relationship. The researchers have been keen, but funding sources felt vulnerable or threatened by such collaboration. However, in more recent times the focus

However, in more recent times the focus on global economies has allowed researchers to take part in international ventures and have contacts in projects of international significance with joint financial support.

To further illustrate these developments, Australia and Germany have recently (February 1994) signed an agreement which allows for researcher collaboration to occur between the two countries and thus allow each country the opportunity to fund their component. Between Germany and Australia our society has many institutional agreements and now these are enhanced by this signing. The major bodies involved are Deutsche Forschungsgemeinschaft (DFG) and Australian Research Council (ARC). It is time for us (ISBS) to develop the future projects in a joint format which will satisfy the criteria of this agreement.

If you have any queries, please feel free to contact Professor Bill Morrison or the national agency in your country.

2. CENTRE FOR REHABILITATION, EXERCISE AND SPORT SCIENCE (CRESS)

The success of 1993 for Australia was the Olympic 2000 bid and we should

think about ISBS in Australia in that year. But already Melbourne has had a success with the opening of CRESS by Victoria University of Technology, in its city campus. This Centre has four major areas of applied research and you should consider a study leave, research development, sabbatical program, which could include one of these areas before the year 2000. The four applied research areas available to you at CRESS are:

- A. Biomechanics
- B. Exercise Metabolism
- C. Exercise Physiology
- D. Exercise and Sport Psychology

Many of the projects and programs in CRESS are undertaken in conjunction with the community, industry, or sport association. Examples of present programs include:

- A. Human and environmental factors
- B. Interactive skill and education training
- C. Isokinetic dynamometry
- D. Floatation research
- E. Sports performances

It is a good environment for research and development. If you are interested feel free to contact:

Professor Bill Morrison
Executive Director - Research
Office for Research
Victoria University of Technology
PO Box 14428 MMC
Melbourne, VIC 3000
Australia

Research

Project

Continued from page 1

Authors of approved projects will be expected to present results of the proposed study at ISBS Symposia in the near future and to submit the paper for publication in the proceedings.

Please submit proposals to:

Larry Noble
Department of Kinesiology
Kansas State University
Manhattan, KS 66506

PHONE: 913-532-6979
FAX: 913-532-7004
BITMAIL:
LNOBLE@KSUVM.KSU.EDU

ISBS 1993-94

EXECUTIVE BOARD

President	Lela June Stoner (USA)
Past President	Bill Morrison (Australia)
Vice President Awards	Blaine Hoshizaki (Canada)
Vice President Conferences	Renato Rodano (Italy)
Vice President Publications	Jerry Wilkerson (USA)
Vice President Public Relations	David Waddell (Canada)
Vice President Research	Larry Noble (USA)
Secretary General	Cynthia Tant (USA)
Treasurer	Spiros Prassas (USA)

BOARD OF DIRECTORS

1992-94

John Cooper (USA)
 Pekka Luhtanen (Finland)
 Bruce Elliott (Australia)
 Moira McPhearson (Canada)
 Joe Hamill (USA)
 Petr Susanka (Czech)
 Jackie Hudson (USA)
 Elfterius Tsrouchas (Greece)

1993-95

Anko Barabas (Hungary)
 Roger Bartlett (England)
 Tony Bauer (Canada)
 Hans Gros (Germany)
 Susan Hall (USA)
 Ellen Kreighbaum (USA)
 G. Wayne Marino (Canada)
 Ross Sanders (New Zealand)
 Julie Steele (Australia)
 Danny Too (USA)

1994 Conference Chair - Aniko Barabas - Budapest, Hungary
 1995 Conference Chair - Tony Bauer - Thunder Bay, Canada