

EDITORIAL

In the tradition of the journal, the papers included in this edition cover a wide range of topics, linked by their relevance to exercise and sport and of interest to clinicians and scientists alike. The subjects of the studies range from 9 year-olds to middle-aged men and the sports dealt with include swimming, ice-hockey and gymnastics. Of course, not all papers refer to specific sports. The sports scientist frequently has recourse to laboratory exercise models in the search for increased understanding of the mechanisms by which man responds to the varied physiological and biomechanical challenges presented by sport. One of the strengths of this journal, and of the association from which it springs, is the fruitful interaction of sports science and clinical medicine in the study of man's responses to participation in sport. Whilst the sports scientist is concerned with the mechanisms of adaptation to the challenge of training and competition the clinician and the physiotherapist have to deal with the consequences of failure to adapt as they are manifest in injuries or illness. These two areas of concern are mutually supportive and one of the functions of BJSM is to promote cross-fertilisation of ideas for the benefit of sport.

There is every indication that 1986 will be an important and vigorous year for medicine and science in sport. It sees not only the establishment of the London Sports Medicine Institute (LSMI), described fully in the Chairman's Message below, but also the appointment of a Professor of Sports Science at Loughborough University. The LSMI will provide Sports Medicine with a much needed base and stimulus to research activities whilst Clyde Williams' Chair, acknowledging as it does his personal contribution to the development of Sports Science, constitutes a platform for the further progress of this area of knowledge. This year also sees an International forum for discussion through the aegis of the eighth Commonwealth and International Conference on Sport, Physical Education, Dance, Recreation and Health to be held in Glasgow just before the Games.

Adrienne E. Hardman

CHAIRMAN'S MESSAGE

The last few months have seen important changes for BASM, some sad and some which presage exciting new prospects.

The Journal

As most members know, Dr. Henry Robson has been ill and his duties as Editor have been lightened with help from Dr. Clyde Williams and, more recently, with help from Drs. Adrienne Hardman and Wendy Dodds for the sports science and clinical papers respectively. Despite this, Henry has still been undertaking too much with responsibilities as both Editor and Treasurer. After consultation with those concerned the Editorial Board invited Dr. Hardman and Dr. Dodds to be Joint Editors, with Dr. Robson taking over from Surgeon Rear Admiral Stanley Miles as Chairman of the Editorial Board. Henry will, as the Admiral has, see every paper before publication so that the journal will benefit from his expertise without imposing such a heavy burden. We are very grateful for the considerable enthusiasm and work that Admiral Miles has put into the journal for many years as Chairman of the Editorial Board and wish him well in his second retirement. The Association has profited for many years from such enthusiastic and unpaid servants but the work of getting out the journal has steadily increased and the Editorial Board is seriously considering offers from publishing houses to publish the journal for the Association.

BASM was registered as a Company, limited by

guarantee, on 21st November, 1985. Negotiations with the Charity Commissioners and lawyers are almost complete so, at long last, BASM will shortly have a totally revised Constitution and Charity status.

Chair in Sports Science

Members will be delighted to hear of the well-deserved appointment of Clyde Williams of Loughborough University to the first Chair in Sports Science to be funded in a British University.

The London Sports Medicine Institute

After more than 18 months of negotiations the conditions of the £650,000 grant from the GLC Arts and Recreation Committee have been fulfilled and the grant was received on 13th February. The Institute took up a lease on two floors of a building in the pre-clinical school of St. Bartholomew's Hospital Medical School on 1st March. The Institute will give a base to Sports Medicine and has strong BASM representation on its governing council. It will, I hope, work closely with BASM towards their common objectives. Far from being a threat to BASM, I believe that the Institute can help the Association to achieve many of its long-term goals such as the establishment of a Sports Medicine database and a specialist library, supporting research and working towards bringing together the interests of sports medicine and sports science. Certainly the Institute will be unable to achieve its own goals without the willing help of BASM who, because they are a national and not specifically London organisation, could not have successfully applied to the GLC for support. A fact sheet about the Institute is printed below.

Dr. Dan Tunstall Pedoe

THE LONDON SPORTS MEDICINE INSTITUTE

FOUNDATION

Following an initiative of Mr. Peter Pitt, Chairman of the GLC Arts and Recreation Committee, the London Sports Medicine Institute (LSMI) has been funded for 5 years by the GLC. The Institute was registered as a limited company with the objectives of setting up a base for Research, Information Exchange and post-graduate teaching in Sports Medicine and providing an administrative centre for Sports Medicine organisations.

LOCATION

The self-contained accommodation leased by LSMI is close to the main library of St. Bartholomew's Medical College, Charterhouse Square and is being adapted to provide the following units: research library, seminar room, physiological testing laboratory, clinical examination and changing rooms, offices.

FUNDING

The grant from the GLC covers, for a 5-year period, the leasing of premises, basic research equipment, library materials and running costs and salaries for the following staff: Administrator, Librarian, Research and Administrative Secretary, Medical Director (part-time) and two Research Assistants (medical or scientific).

CHARITY

The LSMI has been set up as a Charity and hopes to attract funds from other sources for equipment and research, particularly from sports equipment and sports shoe manufacturers and City Institutions.

RESEARCH

The Institute will undertake research projects linked with other London organisations.

TREATMENT

There are no immediate plans for treatment of sports injuries but its activities should do much to improve the standard of care of sportsmen, particularly in London.

LINKS

It is hoped that close links will be forged with existing sports medicine and sports science organisations as well as sports administrative bodies and academic institutions in London.

COUNCIL

The Council of Management is chaired by Mary Glen-Haig of the British Olympic Association and has representatives from sport, academic medicine and the GLC.

STAFF

Staff recruitment is commencing shortly.

Further information is available from the Medical Director,
Dr. Dan Tunstall-Pedoe
London Sports Medicine Institute
c/o Medical College of St. Bartholomew's Hospital
Charterhouse Square
London EC1M 6BQ

ERRATA

1. It is regretted that the following paper was omitted from the Author Index (19:4) and entered incompletely in the Subject Index.

Ergen, E., Sardella, F. and Dal Monte, A. 1985 "The relationship of maximal alactacid anaerobic power to somatotype in trained subjects" *Brit.J.Sports Med.* 19, 221-223.

2. Berry, M. J., Bacharach, D. W. and Moritani, T. 1985 "Stride frequency and ventilation at constant carbon dioxide output" *Brit.J.Sports Med.* 210-213.

Table I was incorrect and should read as follows

TABLE I
Mean physical and some physiological characteristics of subjects.

	Age (yrs)	Height (cm)	Weight (kg)	VO ₂ max (l/min)	AT* (l/min)	AT* (%VO ₂ max)
Mean	30.8	163.6	76.9	3.82	2.44	63.9
SD	5.2	25.6	10.6	0.73	0.57	11.7