AUSTRALIAN SPORTS COMMISSION

Annual Report 1988–89

Department of the Arts, Sport, the Environment, Tourism and Territories

AUSTRALIAN SPORTS COMMISSION ANNUAL REPORT 1988-89

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Canberra

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Australian Sports Commission

ANNUAL REPORT 1988–89

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Leverrier Crescent
BRUCE ACT 2617

Senator the Hon. Graham Richardson
Minister for the Arts, Sport, the Environment,
Tourism and Territories
Parliament House
CANBERRA ACT 2600

My dear Minister

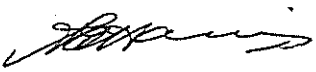
I am pleased to present to you the Australian Sports Commission's Annual Report for the year ended 30 June 1989. This report has been prepared pursuant to the requirements of section 63M(1) of the *Audit Act 1901* as amended for the year ending 30 June 1989 by section 61 of the *Australian Sports Commission Act 1989* and which applies to the Commission by virtue of section 48 of that Act.

With the proclamation of the *Australian Sports Commission Act* in May this year, the Commission took on the onerous but exciting task of fostering Australian sport. The Government has now provided the legislation, guidance and resources that are essential for the work of the Commission. The Commission's success will depend on its ability to work with national sporting organisations, State sporting institutions, the Australian Olympic Federation, the Australian Commonwealth Games Association, the Confederation of Australian Sport and other bodies and individuals that make up the Australian sports community.

More than the pursuit of victories in world-wide competition, Australian sport embraces all sport in the community. This includes sport for all age groups and for all groups with special needs and interests, women, children and the disabled in particular. The Commission is promoting sport for the community and increasing the level of sports participation by Australians. Equally, it is seeking to improve the level of performance of Australian athletes nationally and internationally.

The past twelve months have been of momentous importance for Australian sport. This is not so much for our sporting victories, though there were significant successes in the Olympics and other competitions. Rather, the foundations for the development of Australian sport have been laid in the past year. In reporting on its activities over the past year, the Commission looks forward to major advances in the next.

Yours sincerely



A E Harris
Chairman
Australian Sports Commission

Section I: Introduction

Chairman's Report

In the last twelve months the Australian Sports Commission and the Australian Institute of Sport began working together as a merged unit. While all such mergers have their teething problems it is clear that the decision to join the two organisations together is very much in the long term interest of sport in Australia.

The challenges that face the new Commission are much the same as those that concern individual sporting bodies themselves. Improved administration practices, the reduction of fragmentation, the question of drugs in sport and the most effective use of funding both from the public and private sectors.

Just who should get what in financial terms has been one of the most difficult problems concerning the Commission since its establishment in 1984. There is no magical formula that ensures that precisely the right sums of money go to precisely the right organisations or individuals. What the Commission is doing in this vital area of its operations is to introduce more effective audits of performance and achievement to more accurately measure whether the results achieved warrant the financial support that is given.

The use of drugs by sportsmen and sportswomen throughout the world is now in the full glare of public understanding and investigation — as indeed it should be. The Commission has, for some years, placed great emphasis on the drug problem. Until comparatively recently both the Commission and the Institute of Sport, as separate entities, had limited resources and limited general support in its efforts to deal with this issue. It is gratifying to see this situation changing.

A Senate Committee, chaired by Senator Black, commenced investigations during the year into the use of drugs in sport and the Commission awaits with interest the final report of that Committee. It will refrain from further comment until then.

During the year our Olympic athletes competed creditably at the Olympic Games in Seoul. The Commission extends its warmest congratulations to the Australian Olympic team on the manner in which they represented Australians.

The events of 1988–89 are covered at some length in this report and I trust the information provided will be of assistance to sportsmen and sportswomen throughout the Commonwealth.

I wish to convey our appreciation to Mr Ron Harvey who retired as Executive Director for his dedicated work on behalf of the Commission and the Institute. We wish him well in his retirement.

Pending the appointment of a new Chief Executive, Mr Perry Crosswhite is acting as Executive Director.

I take this opportunity of conveying the Commission's thanks to the Minister, the Commission staff and the Australian sports community for their cooperation during 1988–89.

In particular I convey my personal appreciation to my fellow Commissioners for their dedicated and loyal support.

A.E. HARRIS
Chairman
Australian Sports Commission

Executive Director's Report

This is the first Annual Report of the Australian Sports Commission created by the *Australian Sports Commission Act 1989*. As such, this is an unusual report in format as well as substance. Under the Act, this report must cover not only the activities of the new Australian Sports Commission but also those of its predecessors over the past financial year.

From now on, following the proclamation of its enabling legislation in May 1989, the Australian Sports Commission will administer the full range of Commonwealth sports assistance programs. Not only will this lead to greater coordination of sports development and assistance, but it will also oversee the greatest increase in sports recognition and support since the early 1970s.

Youth sport is to be added to our programs, AUSSIE SPORTS is to be expanded, sports administration and coaching will be boosted, and elite sport is to be given vastly increased support. All these will rest on the foundations already laid by the hard work in 1988–89. The work to be done by the proposed Anti Drugs Authority will follow in the path set by the previous National Program on Drugs in Sport, with, of course, greatly increased funding and government backing. The sports program for youth will follow the path set by the AUSSIE SPORTS program, and the other sports programs will be natural developments of what has gone before.

There will be innovations, but even they will have something to build on. What this report does is to bring together reports on those programs and activities to which we have devoted so much time and energy over the past year. To Ron Harvey, the previous Executive Director, I extend my thanks for his determined and continuing efforts during difficult times. To the Commission and its staff, I extend my thanks and congratulations for a difficult job done well.

Perry Crosswhite
Acting Executive Director

Preamble

This report is a summary of the major activities and achievements of the Australian Sports Commission (ASC) against the background of government policy for sport in Australia. Section II of the report outlines the organisation and structure of bodies dealing with Commonwealth assistance to sport and gives a summary of approaches by these bodies over the past year to planning for future policies and activities.

As well, it provides details of the administration and corporate services of the Australian Sports Commission. Details of material and documents available and program contents are listed, both as a handy guide to the functional areas of the Commission and, in providing this, as a document fulfilling the requirements of section 8 of the *Freedom of Information Act 1982*. Major corporate issues are also addressed, responding to Parliamentary inquiries and to matters of general public interest.

Section III covers the performance of the Commission and its programs for the financial year 1988–89. This includes the operations of the Australian Institute of Sport (AIS), now a division of the Australian Sports Commission. The fourth section of this report includes the Auditor's Report and the financial statements for the Commission for 1988–89. A final section, the appendixes, provides the statistical information and lists which are either referred to in the general text or relate specifically to the interests of the Commission.

Purpose of the Report

This report covers the programs and activities of the former Australian Sports Commission and the former Australian Institute of Sport up to 1 May 1989, as well as the activities of the new Australian Sports Commission which took over their operations from that date. In doing so, it endeavours to meet the requirements of section 61 of the *Australian Sports Commission Act 1989* whereby the application of Division 3 of Part XI of the *Audit Act 1901* is varied in relation to the year ending on 30 June 1989 to allow for such reporting.

It also aims to fulfil the requirements of paragraph 8(3)(a) of the *Freedom of Information Act 1982* which requires the publication in the annual report of particulars of:

- the organisation, functions and related powers of the Commission;
- consultative procedures for outside bodies in its operations;
- categories of documents available;
- access to documents of the Commission; and
- particulars of procedures, officers and their location for initial inquiries concerning access.

Whilst some information is contained in this report on the Australian Coaching Council, the National Research Program and the National Program on Drugs in Sport, these are grant recipients rather than parts of the Australian Sports Commission. They should be approached for their own materials and reports. Current information on appropriate contacts can be obtained, in the first instance, from the National Sport Information Centre.

Section II: Operation and Administration

Organisation

Structure and Personnel

Information meeting requirements of section 8 of the *Freedom of Information Act 1982*.

The organisation structure of the Australian Sports Commission as at 30 June 1989 is given at figure 1.

The Commission

There were twelve members of the Australian Sports Commission as at 30 June 1989. The chairman was Ted Harris, AC, chairman of Australian Airlines, and involved in an executive capacity with numerous companies and foundations. The deputy chairman of the Australian Sports Commission was John Coates, AM, lawyer and senior vice-president of the Australian Olympic Federation. Other commissioners were Herb Elliott, MBE, dual Olympic gold medallist, world record holder, company director and businessman; Lindsay Fox, businessman and sport and charity activist; Roy Masters, teacher, journalist and coach; and Margaret Pewtress, OAM, teacher, sportswoman, umpire and sports administrator. Phil Coles, AM, secretary-general of the Australian Olympic Federation, Olympian, team manager and administrator; and Olympic gold medallist Michael Wenden, MBE were also on the Commission. Newcomers were champion hurdler, sports administrator and businessman, David Prince; Debbie Bowman, OAM, captain of the 1988 gold medal Olympic women's hockey team; Barbera Worley, champion sportswoman and prominent worker and administrator in sports for disabled persons; and David Hatt, sportsman, journalist and administrator.

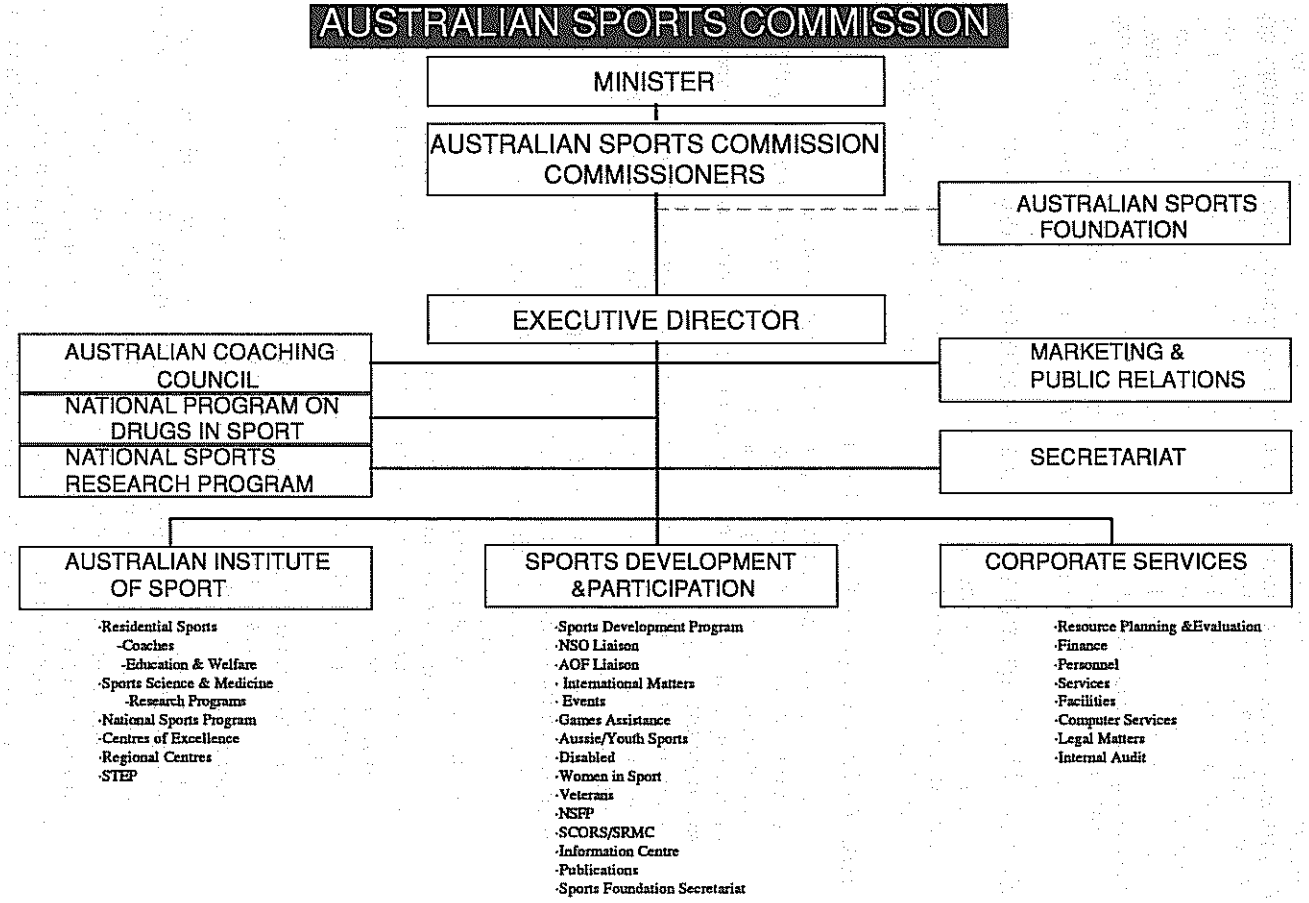
The Commission does not operate any subcommittees.

The Executive

The acting executive director as at 4 July 1989 was Perry Crosswhite. He may be contacted in his office in the Administration Building, Australian Institute of Sport, Leverrier Crescent, Bruce ACT 2617, telephone (062) 52 1235, or by mail at PO Box 176 Belconnen ACT 2616. His secretary is Pat Manson, telephone (062) 52 1101.

The Secretariat

Matters for the Commission itself were handled by the secretariat, Carrie Steffan (062) 52 1374, as were all the requests made of the Commission under the *Freedom of Information Act 1982*. Inquiries on specific areas may be addressed to the officers designated in the appropriate section.


AUSTRALIAN SPORTS COMMISSION
MINISTER
AUSTRALIAN SPORTS COMMISSION COMMISSIONERS
AUSTRALIAN SPORTS FOUNDATION
EXECUTIVE DIRECTOR
AUSTRALIAN COACHING COUNCIL
NATIONAL PROGRAM ON DRUGS IN SPORT
NATIONAL SPORTS RESEARCH PROGRAM
MARKETING & PUBLIC RELATIONS
SECRETARIAT
AUSTRALIAN INSTITUTE OF SPORT
·Residential Sports
-Coaches
-Education & Welfare
·Sports Science & Medicine
-Research Programs
·National Sports Program
·Centres of Excellence
·Regional Centres
·STEP
SPORTS DEVELOPMENT &PARTICIPATION
·Sports Development Program
·NSO Liaison
·AOF Liaison
· International Matters
· Events
·Games Assistance
·Aussie/Youth Sports
·Disabled
·Women in Sport
·Veterans
·NSFP
·SCORS/SRMC
·Information Centre
·Publications
·Sports Foundation Secretarist
CORPORATE SERVICES
·Resource Planning &Evaluation
·Finance
·Personnel
·Services
·Facilities
·Computer Services
·Legal Matters
·Internal Audit

The Australian Sports Foundation

Reporting to the Minister is a company known as the Australian Sports Foundation, which was incorporated in the Australian Capital Territory on 18 February 1986 under the *Companies Act 1981* and which is named pursuant to subsection 10 (1) of the *Australian Sports Commission Act 1989*. Details of its membership and functions are given in the section on 'Review of Performance'. Inquiries concerning the Foundation should be directed to Warwick Smith, administration officer of the Australian Sports Foundation, at the Institute address. He may be contacted by telephone on (062) 52 1267. A leaflet on the Foundation is available on request.

Sports Participation and Development Division

Sports participation and development programs and policies are developed and implemented in five areas. These are sports development, sports participation, policy and planning, information and publications.

Sports Development Section

The functions of the Sports Development Section include:

- the administration of the sports development program including the processing and accounting for grants;
- monitoring and evaluation of various projects funded under the sports development program;
- making recommendations on the provision of financial assistance and on requests for other assistance together with the provision of advice on assistance guidelines;
- undertaking reviews and investigations, preparing reports and recommendations on projects such as:
  - — Olympic, Commonwealth and Australia Games
  - — sports safety issues
  - — liaison with the Australian Coaching Council
  - — sports science, medicine and research
  - — maintaining liaison with government bodies and sporting bodies on appropriate matters
  - — supporting sports education through advice, publications, seminars and liaison
  - — supporting major events, such as Olympic, Commonwealth and Australia Games, and associated training and
  - — support of sport initiatives such as regional games.

The acting manager, Sports Development, as at 30 June 1989 was Ken Norris, whose office is within the Administration Building of the Australian Institute of Sport and who may be contacted by telephone on (062) 52 1450. As of that date, liaison officers were Paul Quilky, Neil Richardson, Phil Trenorden and David Weir. These officers maintain contact with national sporting organisations. Records are kept on applications for, and awards of, grants made under the sports development program. Details of grants made in 1988–89 are at Appendix 1, while the operations of the section for that year are described in the appropriate text in 'Review of Performance'.

Sports address lists and grant details are kept on computer. The address lists and the associated records of sports events are used to

publish the *Australian Sports Directory* annually. This has been available free of charge on application. Seminars and publications on sports development are also managed by this section. Leaflets are available on seminar programs and books available free of charge in 1988–89 included *Managing an International Sporting Team* and *Preparing and Implementing Development Plans*.

Liaison for overseas trips by Australian teams and for overseas sports visitors is maintained between sports and the Department of Foreign Affairs and Trade. Reports on honours, awards and 'Australia Abroad' are in the section on 'Review of Performance'. Information and liaison regarding regional games is maintained by Phil Trenorden.

Sports Participation Section

The Sports Participation Section's primary function is to encourage increased participation by Australians in sport. The section has focused its efforts so far on women, children and athletes with disabilities, for which groups it has developed programs. A program for children in high school age groups is also planned.

As at 30 June 1989, the manager, Sports Participation, was Mike D'Arcy. His office is in the Outdoor Stadium, Australian Institute of Sport, and he can be contacted by telephone on (062) 52 1521. The Outdoor Stadium offices will be moved later in 1989 to the Administration Building, and then he can be contacted through the switchboard on (062) 52 1111.

AUSSIE SPORTS coordinator as at 30 June 1989 was Yvonne Williams, telephone (062) 52 1527, who handled schools liaison and issues in children's sport and education. The section maintains a number of databases on computer. These relate to grants and distribution of materials. Publicly available material on AUSSIE SPORTS is available from the Australian Schools Sports Council, PO Box 81 Dickson ACT 2602. Prices are available from either the Council or from the AUSSIE SPORTS coordinator.

Women in Sport coordinator, Donna Edman, telephone (062) 52 1522, may also be contacted by writing to the Women's Sport Promotion Unit at the Commission. The unit produces a quarterly newsletter, 'Active', directories, policy statements and bibliographies which are available free of charge.

Coordinator for Sport for the Disabled (DSP) is Robin Duff, telephone (062) 52 1528, who deals with relevant issues and grants to and information on sporting organisations for disabled sports. In 1988–89, the DSP was administered by only one staff member. Information regarding the DSP can be obtained from the coordinator, telephone (062) 52 1528.

The following categories of documents are held by the coordinator:

- correspondence;
- grant documentation;
- policy documents;
- reports, studies and surveys;
- submissions; and
- registers.

The publication, 'Review of the Disabled Sport Program' (June 1988), is available free of charge.

Consultancies in the Section

During the year four consultants were employed in the Sports Participation Section. They were:

- Yvonne Williams (AUSSIE SPORTS);
- Henny Oldenhove (Women's Sport Promotion Unit and Youth Sport);
- Steve Darby (Coaching Program); and
- Helen Cant (Resources).

Policy and Planning Section

As at 30 June 1989, the manager of the Policy and Planning Section was Brian Wenn, telephone (062) 52 1470. He was assisted by acting assistant manager, Bob Dykes, telephone (062) 52 1472. The functions of the section include the National Sports Facilities Program, sports databases, strategic planning and evaluation, and policy monitoring and research. The section is located in the Administration Block at the Commission's Canberra offices at Bruce.

National Sport Information Centre

The services of the National Sport Information Centre are set out in the report of its activities over the past year. Further information or details of the services available can be obtained in person from the centre on the ground floor of the Administration Building, by writing to the centre at the Australian Sports Commission or by telephoning (062) 52 1369.

Publications Section

The manager and assistant manager, Publications, located in the Administration Building, can be contacted by telephone on (062) 52 1455 and (062) 52 1375 respectively. Their services to the Commission and its program areas include:

- assistance with all aspects of the publication of books and promotional material, including writing and administrative work;
- liaison with the Australian Government Publishing Service;
- computer typesetting ('desk topping') for leaflets, promotional material and books; and
- such undertakings as are necessary to meet the statutory requirements of the Commission in so far as they relate to publications.

The Division of the Institute of Sport (AIS)

Under the provisions of section 9 of the *Australian Sports Commission Act 1989*, the Commission shall operate as the 'Australian Institute of Sport', when developing and implementing elite sport and coaching programs, undertaking research and development and providing services related to sports science and sports medicine, and maintaining facilities for its programs. This division is responsible for residential sports, sports science and medicine, and the National Sports Program.

As at 30 June 1989, the acting director of the Australian Institute of Sport was Dr Ross Smith. He is located at the Bruce Administration Building and can be contacted by telephone through his secretary, Helen Sharwood, on (062) 52 1238.

AIS Elite Sports Programs

The AIS Elite Sports Programs encompass the following activities:

Sports Administration — administrative support is provided for AIS residential sports, visiting coaches and athletes.

Sports Talent Encouragement Plan — administration of the scheme that provides cash grants to Australia's top athletes and teams for the able-bodied and disabled.

Coaching — administration of schemes to assist and encourage the development of elite coaching in Australia, including an AIS coaching network.

National Sports Program — national sporting organisations are assisted with the conduct of training and pre-competition camps, utilising the facilities and services available at the AIS.

Welfare and Education — care for the welfare of, and assistance in ensuring a good education for, all AIS scholarship holders and in particular those living in residence at AIS centres.

At 30 June 1989 the Elite Sports Programs Section was:

Manager (Acting)	Stephen Fox	52 1380
Assistant Manager, Sports Administration	Dr Jean Roberts	52 1357
Sports Administrators	Tim Wilson	52 1548
	Alan Reis	52 1371
Coordinator, National Sports Program	Peter Topp	52 1314
Assistant Manager, Athlete Education and Welfare	John Gilbert	52 1416
Education Officer	Michael Fogarty	52 1393

Sports Administration

There are three officers responsible for sports administration matters. Each one has specific responsibilities, but some overlapping occurs. Overall, the three administrators' responsibilities are to:

- administer the Sports Talent Encouragement Plan;
- assist AIS coaches in non-coaching duties;
- administer the AIS Elite Coaching Assistance Scheme;
- advertise scholarship availability, answer inquiries and requests, process scholarship applications;
- process monthly scholarship payments to athletes;
- administer coaching scholarships;
- write material for 'Sports Chat' and provide material for other reports;
- liaise with the Illawarra Academy of Sport;
- organise athlete orientation;
- maintain personal athlete data on file and computer;
- organise coaching development projects;
- administer the Facility Pass Scheme for non-AIS elite athletes;
- liaise with anti-drug campaign personnel;
- prepare publications on AIS sports and their scholarship holders;
- reply to requests for information from the general public.

Support for Residential Sports

Of the services detailed above that are provided to AIS residential sports and their scholarship holders, full support is provided by the section to Canberra-based residential sports, with partial support to those residential sports outside Canberra which also receive administrative support from their local AIS Administrative Unit.

Athlete Education and Welfare

The Education and Welfare area is concerned with the lives of the scholarship athletes at those times when they are not under the direction of their sports coaches. This includes their life in the Institute's halls of residence and their study or employment activities.

Within the halls of residence the Education and Welfare personnel work alongside the Residence Operations staff (refer to Corporate Services report). There are many areas of overlap in responsibilities and tasks.

Goals of Education and Welfare Section

The Education and Welfare Section aims to provide a safe, supportive and pleasant environment for all athletes on scholarship. The athletes should be able to live as normal a lifestyle as possible while pursuing their sport at an elite level. More specifically, the section aims to:

- ensure that all athletes enjoy the right to rest and privacy;
- provide a supportive home-like environment for all junior athletes;
- ensure that all student athletes work to their capacity in appropriate courses of study and receive assistance with their studies whenever it is required;
- assist non-student athletes to find suitable employment;
- provide a recreational program for the enjoyment of all athletes.

Staff and Consultants

Education and welfare services involve a support group of twenty-one people. The assistant manager, Athlete Education and Welfare, oversees the work of the education officer, house parents and tutors and is responsible for the well-being of all resident scholarship athletes. The education officer administers all aspects of athlete education and coordinates the educational work of the tutors and house parents.

There are six house parents — two couples and two single people — and thirteen residential tutors:

- the two single house parents look after the young female gymnasts;
- the general house parents supervise all other athletes under eighteen years of age;
- the tutors assist the athletes in their studies, in addition to arranging recreational activities and maintaining a general supervisory role in the halls of residence.

Education and Welfare Personnel

Assistant Manager, Athlete Education & Welfare	John Gilbert
Education Officer	Michael Fogarty
General House Parents	Harvey Cheetham and Lyn Cheetham
	Martin Dorey and Jill Michael
House Parent, Gymnastics	Susan Johnson
Assist. House Parent	Clare Baker
Residential Tutors	Tanya Allen
	Shelley Baldwin
	Graham Clews
	Penelope Garner
	Robyn Gibbs
	Peter Gunning
	Steve Jones
	Carolyn Knutsen
	Martin Lyons
	Nigel Nunn
	Michael Patterson
	Darren Sutton
	Brigid Walsh

The following were in the positions up until the date indicated:

Education Officer	John McNeill	(Jan 1989)
House Parent Couple	Ray Stanton	
	Bronwyn Stanton	(Jan 1989)
House Parent, Gymnastics	Tracey Luckie	(Dec 1988)
Assist. House Parent	Brigid Walsh	(Dec 1988)
Residential Tutors	Stephen Chignell	(Dec 1988)
	Gary Hampson	(Dec 1988)
	Sarah Fien	(Oct 1988)
	Ros Mitchelson	(Apr 1989)
	Brock Cambourne	(Dec 1989)
	Scott McDonnell	(Dec 1988)
	John McNeill	(Apr 1988)

Sports Science and Sports Medicine

The coordinator of the Sports Science and Medicine area is Dr Peter Fricker, whose offices are located in the Sports Science and Medicine Centre at the Bruce Campus. Further details of sections of the division are given in the 'Reports on Activities' in the appropriate part of this report.

Corporate Services Division

The Corporate Services Division within the Commission includes finance, personnel, facilities, and computing. The director, Corporate Services, as at 30 June 1989, was Bob Hobson, located in the Administration Building at Bruce. He may be contacted through his secretary, Mary Godden, on (062) 52 1102.

The manager, Facilities, as at 30 June 1989, was Laurie Jackson, who has since resigned. The office of the manager is located in the Indoor

Stadium and can be contacted by telephone on (062) 52 1222. Bookings for facilities can be made through the bookings clerk, Tracey Koki, on (062) 52 1213. Facilities management is also responsible for maintenance and horticulture.

The manager, Finance and Services, is John Barker, telephone (062) 52 1313, while the manager, Personnel, is Joan Faull, (062) 52 1229. Manager for food services is Allen Pittman, telephone (062) 52 1322 and 52 1480. The manager, Computing Services and Information Systems, is Colin Macintosh, who is located in the Sports Science and Medicine Building and may be contacted on (062) 52 1568.

Marketing and Public Relations

Manager, Marketing and Public Relations, is John Purnell, whose office is in the Administration Building of the Australian Institute of Sport campus at Bruce. He may be contacted by telephone on (062) 52 1298. During 1988–89 he was assisted by Wendy Highett, who resigned early in the new financial year. The present manager, Public Relations, is Tritia Evans. Her office is also in the Administration Building and she may be contacted by telephone on (062) 52 1207.

The Marketing and Public Relations Section pursues:

- corporate and commercial support of the Australian Sports Commission and its programs, in particular those of the Australian Institute of Sport;
- product endorsements;
- provision of scholarships in any residential sport;
- special event sponsorships;
- perimeter signage at various venues;
- a 'Friends of the Institute' program for those who would like to support the Australian Institute of Sport at a modest level.

The Australian Institute of Sport Shop

The manager of the Australian Institute of Sport Shop at Bruce is Colin Finnigan, telephone (062) 52 1444, who is assisted by Brigid Musladin. All Australian Institute of Sport tours commence and finish at the shop, which specialises in souvenirs of the Institute. Tour coordinator, Jennifer Bryden, may be contacted at the shop.

Access to Information

Information on the Australian Sports Commission or on any aspect of its operations may be addressed in the first instance to the National Sport Information Centre, at the offices of the Australian Sports Commission, Leverrier Street, Bruce, ACT 2617. Telephone (062) 52 1369 or 52 1204.

Information on papers relating to the operations of the Commission, agendas, minutes, reports or policy decisions may be addressed to Carrie Steffan, Secretariat, telephone (062) 52 1374. Such requests, as well as those to functional areas and to the National Sport Information Centre, will generally be answered free of charge, except where there is a stated fee for materials or services. Requests under the *Freedom of Information Act 1982* attract the charges set out in that Act. Such requests should be directed to the secretariat.

Inquiries on, or requests for, published material can be directed to the manager, Publications, or to the National Sport Information Centre. Questions on specific programs can be addressed directly to the areas concerned.

Statement on Freedom of Information Requests

There were no requests to the Australian Sports Commission, the former Australian Sports Commission or the former Australian Institute of Sport for information made under the *Freedom of Information Act 1982* during the period from 1 July 1988 to 30 June 1989.

Planning

Legislation

The *Australian Sports Commission Act 1989* came into force on 1 May 1989, repealing the previous *Australian Sports Commission Act 1985* and the *Australian Institute of Sport Act 1986*, and merging the two statutory authorities.

Strategic Planning

A draft of the strategic plan for the Australian Sports Commission was prepared in accordance with the new legislation, under which there is a requirement for a strategic plan to be prepared relating 'to a period of four years commencing on a day occurring within twelve months after the commencement of the Act', that is, by 1 May 1990.

The draft was prepared by a small working group within the Commission and reflects discussions with Commission staff. It also reflects new policy proposals. Key elements of the draft plan include the functions of the Commission, the identification of strategic priorities for the next four years and the means by which the Commission intends to achieve these priorities. The draft plan is under consideration by the new Commission.

Objectives and Functions

Under the enabling legislation, the objectives of the Commission are:

- to provide leadership in the development of sport in Australia;
- to encourage increased participation and improved performance by Australians in sport;
- to provide resources, services and facilities to enable Australians to pursue and achieve excellence in sport while also furthering their educational and vocational skills and other aspects of their personal development;
- to improve the sporting abilities of Australians generally through the improvement of the standard of sports coaches;
- to foster cooperation in sport between Australia and other countries through the provision of access to resources, services and facilities related to sport; and

- to encourage the private sector to contribute to the funding of sport to supplement assistance by the Commonwealth.

The functions of the Commission, as set out in the enabling legislation, include:

- to advise the Minister in relation to the development of sport;
- to coordinate activities in Australia for the development of sport;
- to develop and implement programs that promote equality of access to, and participation in, sport by all Australians;
- to develop and implement programs for the recognition and development of:
  - — persons who excel, or who have the potential to excel, in sport; and
  - — persons who have achieved, or who have the potential to achieve, standards of excellence as sports coaches, umpires, referees or officials essential to the conduct of sport;
- to initiate, encourage and facilitate research and development in relation to sport;
- to undertake research and development related to sports science and sports medicine;
- to provide sports medicine services and sports science services to persons participating in programs of the Commission;
- to establish, manage, develop and maintain facilities for the purposes of the Commission;
- to collect and distribute information, and provide advice, on matters related to the activities of the Commission;
- for the purpose of fostering cooperation in sport between Australia and other countries, to provide access to persons from other countries to the resources, services and facilities of the Commission;
- to raise money through the Australian Sports Foundation, or by other means, for the purposes of the Commission;
- to administer and expend money appropriated by the Parliament, or raised in accordance with the *Australian Sports Commission Act*, for the purposes of the Commission;
- to consult and cooperate with appropriate authorities of the Commonwealth, of the States and of the Territories, and with other persons, associations and organisations, on matters related to the activities of the Commission; and
- to provide advice on matters related to sport to the Australian Olympic Federation or other persons, bodies or associations.

Relations with the Minister

Under section 53 of the Act, the Commission is required from time to time to inform the Minister of the general conduct of its activities. The Executive Officer continues to furnish reports to the Minister following Commission meetings and works closely with ministerial staff and the Department in providing any information required on the Commission's activities.

The Commission is required under section 24 of the Act to prepare a strategic plan to be submitted for ministerial approval. The Commission is addressing this issue and is proceeding as quickly as possible to prepare a well-developed strategic plan for consideration by the Minister.

The Commission is also required under section 26 of the Act to submit to the Minister, for approval, annual operational plans setting out the particulars of the programs of the Commission and the resources it is intended to allocate to each of these programs. These operational plans will be submitted to the Minister in accordance with the requirements of the Government. Under section 44 of the Act, the Commission is required to prepare estimates of expenditure for each year in a form approved by the Minister.

Under section 8 of the Act, the Commission has the power to make grants and provide scholarships or like benefits in connection with the performance of the Commission's functions. It is intended that in exercising this power, the Commission will act in accordance with the annual operational plan which would have been previously approved by the Minister. Any variations to the operational plan will be submitted to the Minister in accordance with section 26 of the Act.

Under section 11 of the Act, the Minister may give written directions to the Commission with respect to the policies and practices to be followed by the Commission in the performance of its functions. No such directions were received in the period prior to 30 June 1989.

Administration

Personnel

The objectives of this area are the promotion of the efficient and effective use of human resources available to the Commission; maximising the contribution of staff to the Commission's work through effective policies for personnel management, and staff training, development and recruitment.

On 1 May 1989 the Australian Sports Commission Act was proclaimed, amalgamating the functions of the Australian Institute of Sport and the previous sports commission. Staff of the new organisation are employed under the *Australian Sports Commission Act 1989*, under terms and conditions determined by the Commission in consultation with the Department of Industrial Relations and relevant staff associations. The Terms and Conditions of Employment Determination, approved by the Commission at its first formal meeting on 16 May 1989, mirrors conditions that apply in the Australian Public Service.

Occupational health and safety is also looked after by the area. During the year this role and associated activities continued to expand. As a result of the second grading audit carried out by the National Safety Council of Australia, the Commission was awarded a three star rating on the five star Health Safety Management System — a significant improvement on the one star awarded last year.

The Occupational Health and Safety Committee continues to play an important role in the Commission's continuing commitment to providing a working environment that is safe and without risk to the health of staff, athletes and the public.

Staff development has continued as a major thrust. Staff continue to benefit from the Commission's staff development policy by being provided with the opportunity to attend and participate in relevant national and international conferences. A variety of workshops and seminars were also conducted, including media awareness, effective writing and supervision skills.

The Commission engaged the services of a firm of personnel consultants to run a series of workshops titled 'Developing an approach to increased staff participation'. The workshops were extremely well attended and received, and many of the recommendations arising from the workshops have been, or are in the process of being, implemented.

An office structures review has been undertaken. As a small organisation the Commission was already largely multiskilled in respect of clerical, administrative and professional tasks. However, there is now an emphasis on providing all staff with keyboard skills and, to this end, a keyboard trainer has been appointed to facilitate the process. The training program has been somewhat slower than we would have hoped due to the lack of computer capacity; this problem will be rectified in the new financial year and it is the Commission's intention to provide all staff with keyboard training. The effect of the program will be the abolition of all designated keyboard positions.

Commission staffing levels at 30 June 1989
(including consultants and contractors)

	Staff		Contractors/Consultants	
	full-time	part-time	full-time	part-time
Executive	4	-		
Coaching	21	2	31	3
Administration	32	12		
Sports science	11	3	4	
Sports medicine	8	3	1	
Marketing & PR	4	2		
Sports administration	26	3	8	
Residence	15	8		
Information centre	3	2	3	
Facilities	27	2		
Totals	151	37	47	3

Finance and Services

The objectives of the Finance and Services Section are to support the Commission's programs by:

- providing accurate and timely financial and statistical information in a meaningful format;
- developing and implementing sound financial policy and procedures;
- sound cash management through the timely payment of accounts and recovery of debts, while also maximising income from investments;
- coordinating and preparing budget estimates within set time frames and other limits imposed, and ensuring that available funds are distributed in accordance with the wishes of the Commission;

- effectively managing the physical and financial resources of the Commission and sustaining and improving support services to other programs.

The Budgets Subsection is responsible for liaising with the Portfolio Coordinator at the Department of the Arts, Sport, the Environment, Tourism and Territories and the Department of Finance on the Commission's budget, allocating available funds within the limitations and guidelines set by the Government and the Commission, and monitoring, reporting and advising on expenditure trends.

With the amalgamation of the Australian Sports Commission and the Australian Institute of Sport, the Finance Section became responsible for a total budget of $32.5 million in 1988–89. Table 1 details the allocation of that budget by program.

1988–89 was the final year of a three-year arrangement with the Department of Finance in which the likely level of government funding was set, assuming that there would be no change in the function of the Australian Institute of Sport nor any major change in direction by the Government. Of course, the amalgamation of the Institute with the Commission constituted a significant functional change; however, this was catered for within the arrangement and did not affect the agreement relating to revenue targets. Revenue targets were set for the three years commencing 1986–87 and were adjusted annually by the relevant deflator applied to government appropriations.

Table 2 shows the original revenue targets set for each year, the targets adjusted by the appropriate deflator and the actual outcome for each year. The figures include targets and outcomes for both the AIS and ASC. Table 3 shows the sources of revenue other than from government appropriation over the last three years.

The Accounts Subsection is responsible for the accounting functions of the Commission, including the receipt and payment of monies and the processing of purchase orders. During 1988–89, approximately 42 000 transactions including payments, receipts and journals were posted to the computerised general ledger. This represents an increase of around 6000 transactions over 1987–88. The Accounts Subsection provides an efficient service to coaches, athletes and staff, and ensures the timely payment of accounts to maintain the Commission's good standing in the business community.

The Travel Subsection provides an efficient service to coaches, athletes and staff, including travel and accommodation bookings and the calculation of allowances. As an indicator of increased activity in the travel area, the value of airfares paid in 1988–89 increased by 37 per cent over the previous year. The value of overseas travel increased by 77 per cent. In accordance with our sponsorship agreement with Australian Airlines, this increased activity resulted in a greater level of sponsorship income to the Commission.

The General Services Subsection provides a range of services to all programs including supply, transport and registry functions. Staff from General Services continued and substantially completed a major stocktake and asset control exercise during 1988–89, which included the establishment of a computerised asset control system. This will ensure that control over the Commission's millions of dollars' worth of assets is significantly enhanced in future.

TABLE 1

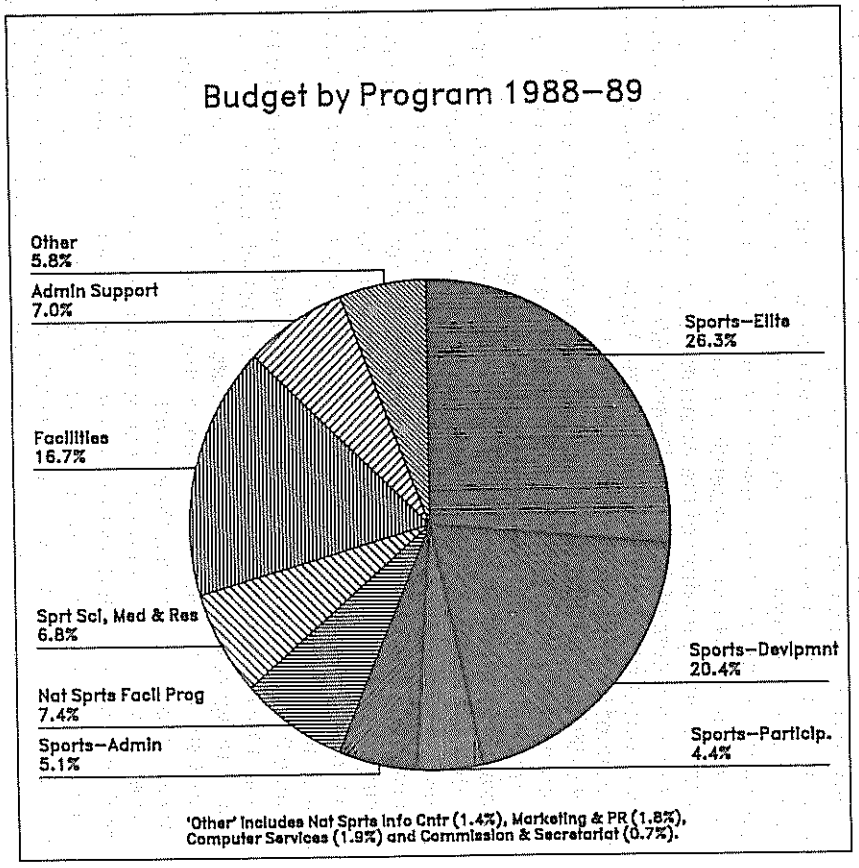

Budget by Program 1988–89
Other
5.8%
Admin Support
7.0%
Facilities
16.7%
Sprt Sci, Med & Res
6.8%
Nat Sprts Facil Prog
7.4%
Sports–Admin
5.1%
Sports–Elite
26.3%
Sports–Devlpmnt
20.4%
Sports–Particip.
4.4%
'Other' Includes Nat Sprts Info Cntr (1.4%), Marketing & PR (1.8%),
Computer Services (1.9%) and Commission & Secretariat (0.7%).

TABLE 2

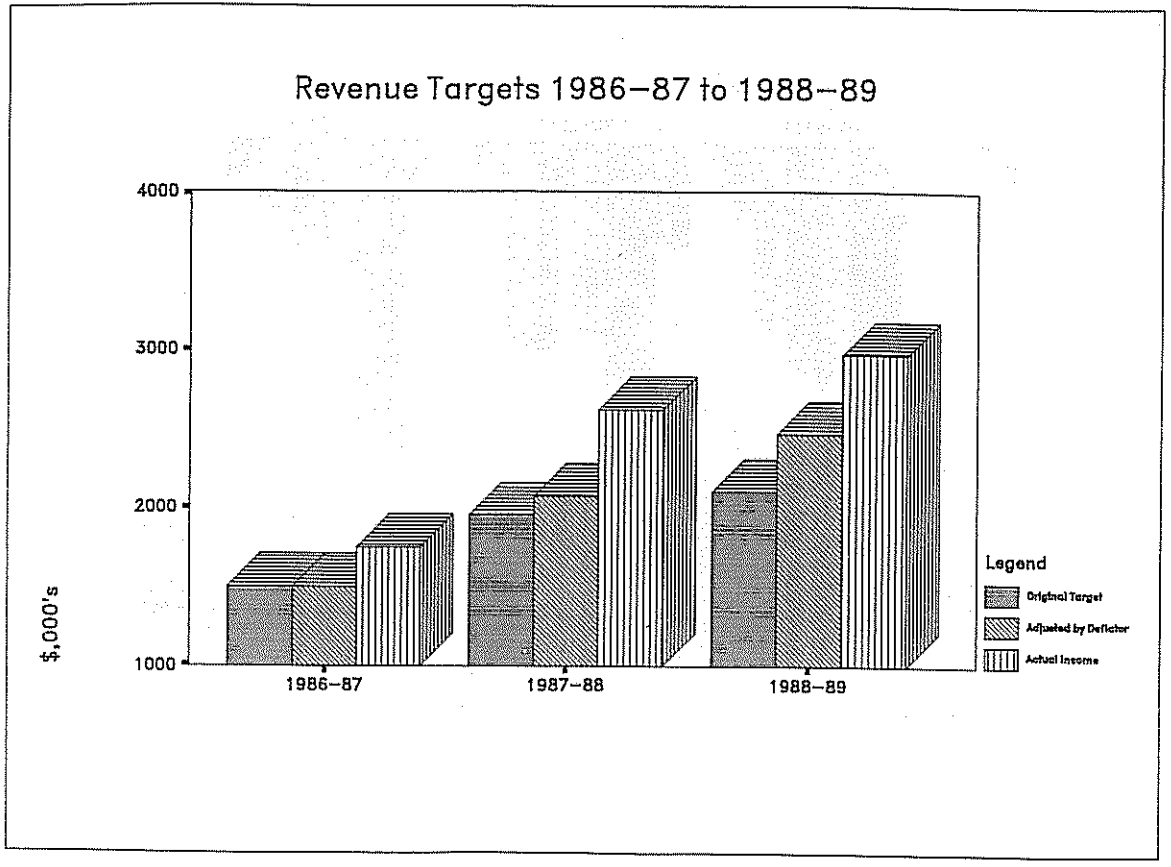
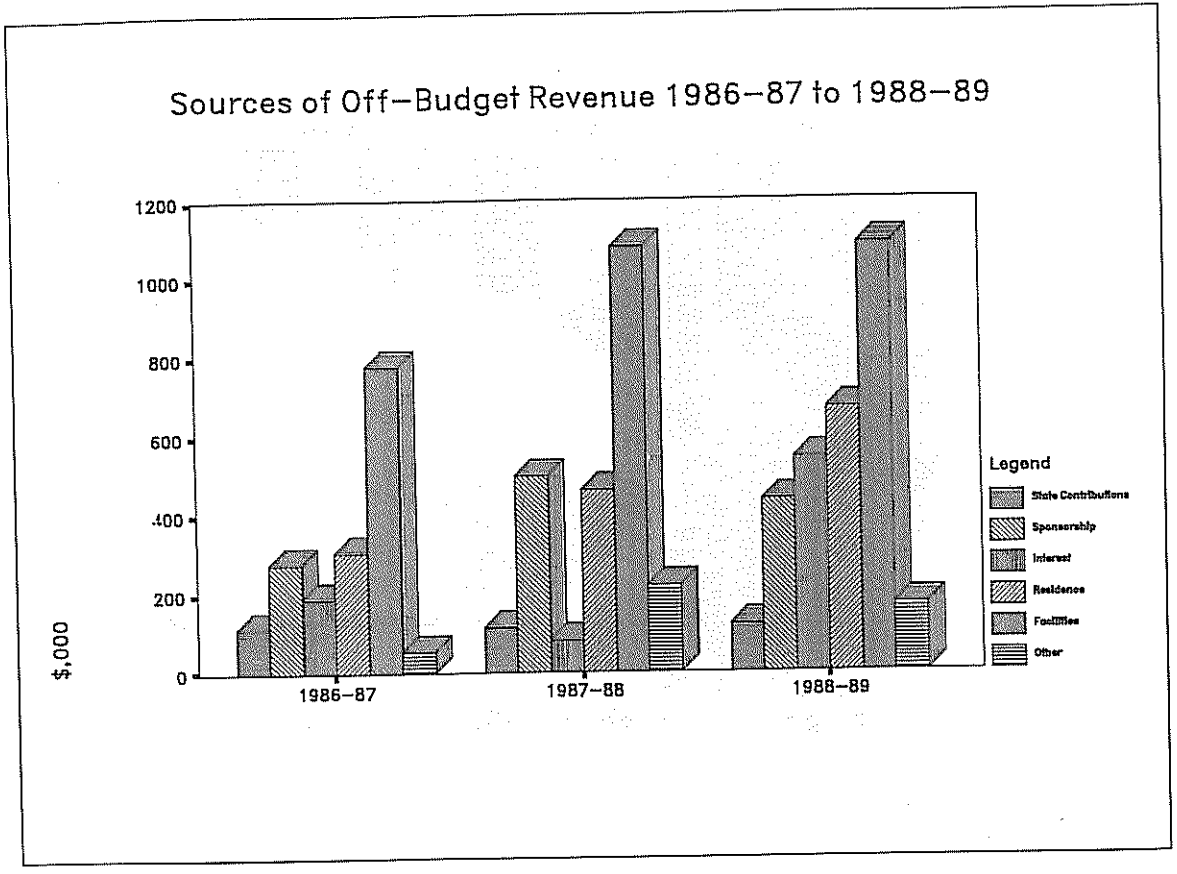

Revenue Targets 1986–87 to 1988–89
4000
3000
2000
1000
$,000's
1986–87
1987–88
1988–89
Legend
Original Target
Adjusted by Deflator
Actual Income

TABLE 3


Sources of Off–Budget Revenue 1986–87 to 1988–89
$,000
1200
1000
800
600
400
200
0
1986–87
1987–88
1988–89
Legend
State Contributions
Sponsorship
Interest
Residence
Facilities
Other

Internal Audit

Following the invitation of public tenders, the accounting firm Price Waterhouse was contracted for a further three years to provide internal audit services to the Commission.

During 1988–89, Price Waterhouse staff conducted regular audits of the Commission's operations in accordance with the agreed internal audit program. The audit program generally comprises a two-year rotational plan which provides for a detailed review of certain areas and a limited review of others in one year and vice versa the next year. This process provides maximum audit coverage for the Commission's dollar.

The internal audit work performed during 1988–89 included:

- Compliance-based audit of Corporate Services Group
  An ongoing review of the major accounting systems within the Corporate Services area to ensure that all key controls operate satisfactorily and are effective.
- Electronic data processing (EDP) Audit Review
  An EDP audit review of the Commission's research and administration computer system with particular emphasis on environmental controls.
- Review of Sports Administration
  A review of the Sports Administration area to ensure efficiency and effectiveness of management and administration practices, with particular emphasis on the sport of basketball.
- Branch Audit
  A review of the Commission's Adelaide Office covering the accounting systems and related areas and the efficiency of operations.
- Functional Areas
  A brief review of the pool and tennis court complex and the AIS Shop, focusing mainly on the procedures and controls over the collection of monies.
- Halls of Residence
  A follow-up review covering recommendations made in the detailed review conducted in 1987–88.
- Drugs in Sport Inquiry
  A special review was undertaken of expenditure incurred by the Institute in relation to weight-lifting and some aspects of track and field over the period 1981 to 1988. A detailed report was prepared for presentation to the Senate Inquiry into Drugs in Sport.

Reports were provided to management on a regular basis in relation to the above reviews, and recommendations were made to correct any identified weaknesses.

All matters brought to the attention of management were investigated and any remedial action considered necessary was taken. Details of all reports and proposed remedial action were provided to the Commission for consideration.

Price Waterhouse also provided assistance to the Australian Audit Office in the conduct of their external audit during 1988–89.

Other Corporate Services

Marketing and Public Relations

Marketing

The 1988–89 year saw a number of changes made in the Marketing Department due to the amalgamation of the Australian Sports Commission and Australian Institute of Sport.

In view of the substantially increased portfolio for the Marketing area, arising from the amalgamation with the Commission's programs, the Board of Management decided to engage an outside marketing consultant. With the resignation of the assistant manager, Marketing, and the imminent decision to proceed with a consultancy, it was felt that a replacement was not necessary, pending the new arrangement.

A total of twelve sports marketing companies were approached and briefed and tender documents were prepared. The tender process saw three companies interviewed at length and a report prepared for the Board's decision. In view of the resignation of the executive director, the Board has deferred a decision until the appointment of a new executive director to the organisation.

During this period of marketing inactivity, the AIS was the subject of the Senate Inquiry into Drugs in Sport which saw the organisation being the subject of serious allegations relating to past athletes' involvement with prohibited drugs. These allegations were widely publicised in the media for a period of several months. The report was finally tabled in Parliament in May 1989, dealing specifically with allegations involving the Institute. Whilst this report received another round of media speculation, the focus has now been removed from the Institute.

The Inquiry saw several sponsors put any active promotional activities on hold during the Inquiry, while other sponsors undertook a review of their business relationship with the Institute. The Marketing Department is attempting to improve credibility and marketability in the forthcoming financial year. National market research was conducted during the year to ascertain the effect of the Inquiry on public perception. The results of that research show that an overwhelming percentage of those surveyed (82 per cent) still support the AIS and its corporate objectives and still believe that the AIS is achieving its corporate goals.

Public Relations

The AIS worked actively before, during and after the Seoul Olympics to highlight the outstanding results achieved by its athletes. The marketing manager attended the Olympics and was successful in gaining media interviews for the executive director to continue to highlight the role of the Institute in the overall sporting scene. The marketing manager also worked closely with the accredited media in Seoul to ensure that they had up-to-date information and access to Institute athletes in the Olympic team.

For the latter half of the financial year, our public relations activities were curtailed whilst the Drugs Inquiry was in progress. Though pressed for interviews and information during the Inquiry, public responses were made only when the interim report was handed down. The market research that we undertook has given us a public relations strategy for the future which will be implemented in the next financial year. The research clearly showed a lack of public appreciation of drugs issues. It did indicate, however, that it would look to prominent organisations, such as the Institute, to have a role in public education on drugs in sport.

The AIS Shop

The AIS Shop has established itself as the focal point for information, tours and an ever-increasing range of merchandise. All the AIS tours commence and finish at the shop, thereby providing an ideal opportunity for the public to purchase AIS souvenirs. The success of the shop continues to increase public awareness of the AIS and its sales continue to grow, highlighting the increasing numbers of people visiting the AIS and the demand for souvenirs and merchandise.

Although there are physical limitations on any further expansion of the shop, at this stage we are currently considering a mail order facility for our products as well as adding the AUSSIE SPORTS range of merchandise to the shop's product range. Consideration is also being given to a national licensing program using the registered symbol of the Australian Institute of Sport to further enhance the shop's operation. The possibility of opening retail outlets in our State units is also under consideration.

Recently the Institute Shop won the ACT Tourism Award for the best tourist and souvenir shop and will now go into the National Tourism Awards.

Tours Program

The AIS has now become one of the region's most popular tourist attractions. The number of tours visiting the AIS continues to rise due to an extensive advertising campaign through schools, colleges, bus companies and the Canberra Tourist Bureau. During the past twelve months over 65 000 people have visited the AIS on organised or public tours. A full-time tours coordinator trains the tour guides, who are AIS athletes, and ensures the efficient operation of the tours program. The guides are issued with a uniform and are paid per tour. The 'self-guided' tour continues to be popular for those who are unable to take an organised tour.

The continued success of our tour program is reflected in the results of the Institute Shop's trading figures. Tour groups pay for the guided tours, adding to our overall revenue.

Computer Services

The major goals of the Information Systems Group are:

- to provide athletes, coaches and sports scientists with up-to-date tools for the collection and analysis of data; and

- to make available systems that can be used to promote the efficiency of the administration of the organisation.

The use of computer technology is an essential part of many of the organisation's activities. Much of the work done in Sports Science is dependent on direct data capture by computer from instruments, and on computer-aided data analysis and presentation techniques. Coaches are using computers to analyse athletes' performances, while administrators are using computers to increase productivity and analyse financial data. In addition, many staff are benefitting from access to word processing and electronic mail facilities. Computing facilities include six 'Vax' computers, a network of terminals and a number of personal computers, many of which can link to the Vax computers. The past twelve months have seen an emphasis on sports science, sports medicine and coaching computer applications. Projects included the placement of two new MicroVax computers in Sports Science, the commencement of development of cricket coaching software, the completion of a sports medicine database package and enhancements to the sports psychology package. Most administrative applications have been in a 'bedding down' phase, with work restricted mainly to fixing problems with various packages, although software was developed to assist in the recording of the organisation's assets and a new database package was commenced for the Public Relations area.

Performance of the main computer, which contains the databases, has been extremely poor because of increasing use, with users frustrated by long delays. In addition, problems were experienced with the network connections to the various buildings. An order about to be placed for a replacement main computer will alleviate the performance problem, while the installation of fibre optic links between buildings is being planned to cure the network reliability problems.

The computing facilities have an impact on many areas of the organisation's work. Listed below are a range of projects that have been implemented or are currently under development.

Coaching

A cricket coaching aid is being developed with the Cricket Unit in Adelaide. This is based on a battery-operated lap top microcomputer and, with the appropriate data entry done at the match, it will produce detailed statistics to assist in the assessment of performance.

Sports Science and Sports Medicine

Two MicroVax computers have replaced the ageing computers used for real-time data acquisition and analysis in both physiology and biomechanics. Extensive software development was completed for the physiology machine to allow direct data acquisition from the instruments used to monitor physiological parameters during fitness testing. High speed data acquisition software was developed for the biomechanics machine to allow forces exerted, for example, during a jump or during the revolution of the pedal on a bicycle, to be measured accurately at a rate of around 500 times per second. The sport psychology package was enhanced with the addition of graphical representation of 'TAIS' test scores. Another psychological test will be added to the package next year.

A sports medicine package was developed which, after completion of the testing which is presently under way, will allow storage and statistical analysis of details of sports injuries. A new physiology database has been designed and is awaiting availability of programming resources.

Administration

Packages used in administration areas include library borrowings, finance, residence reservations, personnel, registry, athlete administration and an organisation-wide mailing list, while many areas use 'user-friendly database' packages on personal computers or on the Vax to develop single user databases. Word processing is used widely, with a common word processing package (WPS) used on personal computers and on the Vax machines.

The only new application installed in the last year was an assets recording system which allows assets numbered with bar codes to be recorded on a hand-held 'laser wanding' device and downloaded to the main computer.

The computer facilities address many different requirements of the organisation's work, giving access to a wide range of information and providing analysis and presentation tools.

Digital Equipment Corporation (Australia) has continued to supply generous sponsorship in the form of a substantial discounting agreement.

Facilities

Objectives and Goals

The major objectives of the Facilities Branch are to establish, manage, develop and maintain a sports facility of international standard to meet the requirements of the programs of the Australian Sports Commission and of Australian sports and local communities.

Its specific goals are to:

- provide facilities support for athletes at the Australian Institute of Sport and for sports camps at the Institute;
- optimise community use of facilities whilst providing a balance between the various groups which have a need for the facilities;
- undertake such developments as are feasible for additional, safer or more efficient facilities;
- ensure that all buildings and grounds are maintained to standards commensurate with their use as an international facility located in the national capital;
- develop a comprehensive database on plant and provide a technical support service; and
- be cost-effective in its operations.

Facility Usage and Major Events

The major event of the year was the Olympic team preparation at the Institute facilities. As well, there were all the other National Sports Program camps, whose summaries are set out in the National Sports Program section of this report.

The Institute facilities also provided a venue for major sports events. At the Indoor Arena there were two world championships, the World Indoor Soccer Championships and the World Netball Youth Cup. Other events included the Australia versus USSR basketball match, the Bicentennial Volleyball Championships, the Harlem Globetrotters and the Aussie Tapes Basketball Classic.

The Unisys Canberra Cannons played four games of the 1988 National Basketball League season at the arena and went on to win the championship. In the period to 30 June 1989, eight games of the 1989 season were played at the arena with average attendances being 450 above those of the previous season.

The arena was also used to stage commercial entertainments, with over 77 000 people attending such events during the year. Three major conferences also used the arena as a venue during the same period.

The Swimming and Tennis Centre not only provided training facilities for Institute athletes and for national training camps but also for learn-to-swim classes, school training and recreation, and public competitions, training and exercise. During the year the centre was the venue for twenty-five school carnivals — a 20 per cent increase over the previous year — the Australian Club Water Polo championships, the ACT Schools Authority learn-to-swim program and a range of ACT and interstate swimming club carnivals.

Maintenance work on the filtration system prevented public use of the 50-metre pool for three months. The wearing of swimming caps for all pool users has been introduced to reduce maintenance costs and the work of the filtration system. Public fees are kept at about the median for Canberra charges and the subsequent revenue assists in meeting Institute revenue targets. The highest proportion of facilities income is provided by the Swimming and Tennis Centre.

Sports training facilities' usage increased by 13 per cent over the previous financial year due to additional use by the Institute's own program and the National Sports Program. Public use was slightly reduced. The theatrette was, however, used more than twice as much as in the previous year due to promotional activities aimed at meeting and convention hirers. Use of the synthetic pitch for hockey was comparable with 1987–88 despite the ACT Hockey Association opening its own facility.

A highlight of the year was the conduct of the World Super Heavyweight Weightlifting Championships during which Taranenko from the USSR set a new world record. Other major events were the Good Neighbour and Schools Volleyball Championships and the Esanda Under-17 National Hockey Championships. Extensive use of the facilities for training and competition was made by the ACT Netball Association and the men's and women's hockey associations.

The National Outdoor Stadium was primarily used by the Institute track and field squad for training and by the various ACT athletics groups for training and competition during the year. Major events conducted there included the Bicentennial Gold Cup Soccer Championships, the AIS Seiko Track and Field Meet, the Westfield Cup Rugby League Knockout and the Sugar Industries 1988 Schools Track and Field Championships. The Westfield Knockout competition was responsible for a marked increase in revenue.

Administration and Finance

During the year the Facilities Branch had thirty full-time staff with casual staff at weekends, for special events and to cover holidays and staff leave.

A computer system was installed during the year. The major programs on the system to date are the 'all-in-one' office package and a maintenance management program. A computerised booking system is being developed.

Expenditure for the year was $5 557 529 while facilities hire raised $1 036 944. Over $1.1 million was spent on capital works, including emergency exits from the indoor arena — increasing allowed capacity by 900 — a services building, and a rowing shed.

Policy and Planning

Goals

The major goals of the Policy and Planning Section are to:

- develop the new Australian Sports Commission Strategic Plan;
- develop a database of sports facilities in Australia;
- develop a sports database;
- provide advice and assistance in the areas of taxation, government tariffs, facility development, and other issues that arise; and
- monitor issues and developments in sport and assist in the review and development of Commission and Government policies on a range of sports issues.

The section is responsible for a range of policy and planning functions including statistical collections, strategic planning, program evaluation, government sports policy and coordination activities. The section also has responsibility for facilities programs and information. Its major activities include the National Sports Facilities Program and the Strategic Plan.

Policy

Two of the areas of government activity affecting sport during the year have been taxation and sport and government charges on imported sports equipment. The Minister made representations to the Treasurer on behalf of a number of sporting organisations on perceived anomalies within the taxation legislation. Representations were also made to the Minister for Industry, Technology and Commerce and the Minister for Science, Customs and Small Business about a range of matters concerning customs duty on sporting products. A 'Factsheet' was produced by the section and circulated to all national sporting organisations.

Meetings have taken place with the chairman and research director of the National Committee on Violence. The section has provided advice on sporting issues and has prepared a pamphlet for publication as part of a series of pamphlets to be issued by the Committee.

During the year the section prepared a number of papers and submissions on a range of topics:

- submission to the ABC Discussion Papers to encourage the ABC to retain or increase its current level of sports coverage of sport;

- submission to the Department of the Arts, Sport, the Environment, Tourism and Territories' National Physical Activity and Lifestyle Conference, examining the importance of sport in Australian society and its benefits to national health, fitness and well-being;
- a case for additional funding to further develop sport in Australia, outlining the importance of sport in Australia in the areas of health, the economy and society. On these and international and national considerations, the paper argued for an increase in government expenditure on sport.

Major Corporate Issues

Facilities Use and Access

General

Under paragraph 8(2)(a) of the *Australian Sports Commission Act 1989*, the Commission may charge such fees, or impose such charges, as are reasonable in respect of access to, or use of, any of the resources or facilities of the Commission. This is of particular relevance for the swimming, tennis, basketball and track facilities at the Bruce Campus of the Australian Institute of Sport. It also applies to the use of the residential facilities at the Institute.

In addition to providing accommodation for full-time scholarship holders, the residences are available for dormitory style accommodation for visiting athletes and coaches participating in the National Training Centre Program. All areas are accessible to disabled athletes. Full board is offered to any sporting group and to outside groups if there is room available after meeting other commitments. Charges are $38 for a single room and $60 for a flat, with a charge of $22 per extra person. The maximum number for a flat is four. Accommodation is available at a reduced rate on a room-only basis for parents and friends of resident athletes.

Other facilities use is similarly aimed at the provision of facilities and amenities to training and competing athletes, and national training camps. Local sports associations and schools are encouraged to use the facilities. Other public use is available at other times as advised. Interstate schools visiting Canberra often use the pool facilities at night. Facilities charges for the general public are in line with those of comparable facilities elsewhere and a balance with local facilities is maintained.

Current charges are:

Pool entrance	$2.50 per adult ($2.50 extra for sauna and spa use), $1.20 concession and $1.00 for school students during school hours.
Indoor courts	$15 per hour off peak (9 a.m.–12 noon, 2 p.m.–5 p.m.) $20 per hour peak (12 noon–2 p.m., 5 p.m.–10 p.m.)
Outdoor courts	$8 per hour off peak, $10 per hour peak, School rate off peak $9 per hour.

Outdoor Stadium and Warm-Up Track

Under the provisions of the *Australian Sports Commission Act 1989*, the Australian Sports Commission has the power to enter into contracts; acquire, hold and dispose of real or personal property; and occupy, use and control any land or building owned or held under lease by the Commonwealth and made available for the purposes of the Commission. Under these powers, and in fulfilment of its functions to promote equality of access to and participation in sport for all Australians, and to cooperate with the appropriate authorities of the States on matters related to its activities, the Commission has undertaken major changes in the operation of the National Outdoor Stadium and the associated warm-up track.

In August 1988, the Government agreed that the Institute would lease the National Outdoor Stadium to the ACT Administration which would undertake major renovations to convert the Stadium to a multipurpose facility suitable for rugby league, rugby union, soccer, Australian Rules Football and cricket. During the period of the lease (twenty years) the facility will be administered by a trust appointed by the ACT Government. The Australian Institute of Sport will be responsible for ongoing maintenance and general operation on a cost recovery basis and will have a representative on the Trust.

The ACT Government will upgrade the present warm-up track to a standard suitable for the conduct of national championships. Facilities to be provided include the installation of electronic timing and photo finish equipment, construction of a grandstand and ancillary administrative and spectator facilities, additional ablution facilities, and construction of two additional lanes in the straight and a new high jump fan.

The Martin Report

The Funding of Elite Sports

In November 1988, the Minister for the Arts, Sport, the Environment, Tourism and Territories, Senator the Hon. Graham Richardson, asked the House of Representatives Standing Committee on Finance and Public Administration to commence an inquiry into the funding and administration of sport in Australia.

The Committee adopted the Inquiry at its meeting on 3 November, appointed a subcommittee to conduct the inquiry, under the chairmanship of Mr Stephen Martin, MP, and agreed to the following terms of reference:

- the nature and scope of government assistance to the development of sport in Australia, with particular reference to elite sport;
- non-government assistance to sport in Australia; and
- the administration of sport and its development at Commonwealth and State levels.

It was determined that the Committee would concentrate initially on the funding of elite sport with the aim of presenting an interim report to Parliament in February 1989.

Submissions to the Inquiry were sought by advertisement in the national press in November 1988. Ninety-eight submissions were received

from organisations representing a diverse range of sports, sports-related interest groups, governments and private citizens. As part of the Inquiry process, the Committee conducted sixteen hearings, taking evidence from 100 witnesses, and inspected facilities around Australia during November 1988 and February 1989.

The Commission prepared two submissions. The first included an outline of the nature and scope of government assistance to the development of sport in Australia; and the objectives and details of current policies, programs and activities.

The second submission related to tax incentives for private sector investment in sport and a national sports lottery.

The Committee held informal discussions with eighteen head coaches at the Australian Institute of Sport, and officers of the Commission gave evidence at three of the hearings.

The first report on the Inquiry, entitled 'Going for Gold' which concentrated on the high profile and elite aspects of sport, was tabled in March 1989.

In its report, the Committee concluded that the Commonwealth had an essential responsibility for the funding of the pursuit of excellence by Australia's elite athletes. It believed that adequate funding was crucial for the development of Australian sporting excellence and that, to date, funding had been uncoordinated, with too many organisations competing not only for funds but in the delivery of funds to the athletes. It was also stated that the present Commonwealth financial commitment to high performance sport was inadequate and that the proposed forward estimates were unacceptable.

The Committee canvassed thirty-two initiatives that should receive increased direct funding and also called for greater accountability for expenditure in sport.

The second part of the Inquiry into non-government assistance to sport in Australia was commenced in June 1989. Investigation of sponsorship of sport by tobacco and alcohol companies was the focus of the first public hearing.

The Black Report

Drugs in Sport

The Four Corners program of 30 November 1987 suggested the widespread use of drugs by athletes and, in particular, at the Australian Institute of Sport. The press coverage following this program noted a widespread belief, at least among athletes and coaches, that it was impossible to compete on equal terms with the world's best sportsmen and sportswomen without the use of performance-enhancing drugs.

On 19 May 1988 the Senate resolved that 'the use by Australian sportsmen and sportswomen of performance-enhancing drugs and the role played by Commonwealth agencies' be referred to the Standing Committee on Environment, Recreation and the Arts. The Committee conducted a public inquiry which was given wide media coverage and generated considerable controversy. In May 1989 the Committee published its interim report of over 500 pages, over 200 of which related to the Australian Institute of Sport.

The Australian Sports Commission cooperated fully with the Committee and followed its deliberations carefully. Following the Committee's Interim Report and in response to it, the chairman and deputy chairman of the Commission interviewed a number of employees of the Australian Institute of Sport who gave evidence at the Senate Inquiry and all of whom were mentioned in the Interim Report. Following the report of the chairman and deputy chairman to the Commission and consideration of their recommendations, the Commission advised the Minister that:

- the conditions of Australian Institute of Sport scholarships would be amended to empower the executive director to order blood tests of athletes;
- all Australian Institute of Sport coaches would be educated about drug use;
- the responsibility of coaches, medical and other staff to report on drug taking by athletes should be made clear to all Institute coaches and athletes;
- the Australian Sports Commission would ensure that the Australian Athletic Union further investigate specific actions concerning urine substitution;
- a letter would be sent to a specific athlete stating the Commission's strong disapproval of participation in a urine-substitution incident; and
- all Institute athletes and coaches would be informed that participation in urine substitution now constitutes a breach of Commission and Institute drug policy and would render any athlete or official involved liable to life expulsion.

Moreover, the Commission supports the establishment of an Australian Sports Drug Testing Commission to carry out all sports drug testing in Australia, and the establishment of a tribunal to advise on disputed drug tests conducted by such a commission. However,the Australian Sports Commission disagreed with the Senate Committee's proposal that such a tribunal should adjudicate on the penalties imposed by sporting federations on athletes who tested positive for banned substances. The Commission also disagreed with the suggestion that such a tribunal should hear appeals from the sporting federations and individual athletes over decisions made in Australia as a result of Australian or international test results.

The Senate Committee had also recommended the investigation of the approval of medical supply purchases without medical officer authorisation, contrary to Australian Institute of Sport policy, with a view to disciplinary action. The report of the chairman and deputy chairman found that disciplinary action was inappropriate; the Commission has accepted this finding.

Pending the Government's response to the Senate Committee's report and, in particular, to the recommendation that an Australian Sports Drug Commission be established, the Australian Sports Commission has appointed the following Anti-Drugs Committee:

Chairman: Dr Brian Corrigan
Dr Ken Fitch
Mr Roy Masters
Mr Steve Haynes
Mr Bruce Topfer or Mr Justin Stanwix

Section III: Review of Performance

Introduction

During 1988–89 Australian sport witnessed a number of significant developments which are likely to have long-term ramifications for the future direction of sport in this country.

The most significant government initiative was the proclamation of the new Australian Sports Commission Act in May 1989. This Act merged the Australian Sports Commission with the Australian Institute of Sport which has enhanced the efficiency and effectiveness of the Government's support for sport in Australia.

Undoubtedly the sporting highlight was Australia's performance at the games of the XXIVth Olympiad in Seoul. While the team's three gold, six silver and five bronze medals were an outstanding achievement, it was the depth of success of the Australian competitors and teams across a wide spectrum of sports which was one of the most exciting aspects of Australia's participation. The fact that almost sixty competitors and teams finished in the top eight in the world was indeed a credit to Australian sport.

Two parliamentary committee inquiries into Australian sport were established during the year. The first was the House of Representatives Standing Committee on Finance and Public Administration Inquiry into Sports Funding and Administration. This Committee, headed by Mr Steve Martin, MP, recommended that there was an urgent need for the Government to increase its funding of the development of elite sport in Australia. The other was the Senate Standing Committee Inquiry into the Use of Performance-Enhancing Drugs by Australian Sportsmen and Women, headed by Senator John Black, which highlighted the need to establish an independent sports drugs authority and a coordinated effort from all Australian sports to develop a uniform policy on drug use in sport.

Other developments during the year included:

- The provisional accreditation of the Sports Drug Testing Laboratory in Pymble which is part of the Australian Government Analytical Laboratory system. As a result of this accreditation, there was a significant increase in the number of drug tests carried out in Australia. It is anticipated that full accreditation will be achieved in 1989-90.
- The successful AUSSIE SPORTS Program continued to expand. Over 2300 primary schools and 1300 clubs have formally enrolled in the program with many others actively following the AUSSIE SPORTS philosophy.
- The Bicentennial Sport '88 Program in the second half of the year continued the staging of numerous high-profile sporting events across Australia.

- A reform group successfully stood for election as directors of the Confederation of Australian Sport on the platform of shifting its office to Canberra and an emphasis on its role as a lobby organisation for the sport industry.
- The AIS programs continued to demonstrate their impact on the Australian sporting scene with their outstanding contribution to the success of the Australian Olympic team at Seoul.
- The Government, through the ASC, approved $1 million to the Australian Commonwealth Games Association for the preparation of the Australian team for the 1990 Commonwealth Games in Auckland.

The Year in Sport

The Australian team's performances at the Seoul Olympics was indeed the sporting highlight in 1988–89. Who will ever forget Duncan Armstrong's barnstorming finish to win the 200 metres freestyle, Debbie Flintoff's final dramatic lunge at the tape to win the 400 metres hurdles, or the courage and tenacity displayed by the women's hockey team in winning the final and the gold medal against South Korea?

Other outstanding performances at the Games included Graham Cheney's silver medal in boxing, Grant Davies narrowly missing gold in the 1000 metres K1 kayak and the various Australian track cyclists. However, perhaps the most significant feature of the Australian team's performance at the Games was that for the first time about sixty competitors and teams finished in the top eight in their respective events.

In addition to the athletes' performances at the Seoul Olympics, Australian sporting teams and competitors recorded a number of outstanding achievements in the following sports:

- Jeff Fenech retired undefeated with three world boxing titles and Jeff Harding won the WBC Light Heavyweight title with a stunning KO victory in the final round;
- Australian women's cricket team won the World Cup Series held in Australia;
- Kerry Saxby continued to shatter world records for the various women's track and road walking races. During the year Kerry increased her number of world records to twenty-one eclipsing Ron Clark's long-standing tally;
- Simon Baker became the first Australian athlete to win the prestigious World Cup in men's walking;
- Australian rugby league continued its international domination in the sport when it successfully retained the World Cup;
- Australian men's hockey team went some way to avenging its defeats at the Seoul Olympics by winning the coveted Champion of Champions Trophy;
- Australian professional golfers were successful in winning numerous tournaments around the world;
- Barton Lynch continued the Australian surfing domination when he won the World Professional Surfing title;
- Steven Pate won the World Professional Sprint Cycling title while Martin Vinnicombe broke the world time trial cycling record;

- John Jacoby won his fourth successive World Canoe Marathon; and
- Australia also won titles in trampolining, waterskiing, shooting, powerlifting, hang-gliding and yachting.

During 1988–89 Australia played host to a multitude of sporting events. These included:

World Youth Baseball Series, Sydney
World BMX Championships, Brisbane
World Snooker Championships, Sydney
World Junior Bocce Championships, Melbourne
World Women's Cricket Cup, several States
Konica International Gymnastics event, Brisbane
World C Pool Ice Hockey Championships
World U-19 Men's Lacrosse Championships, Adelaide
World Men's Powerlifting Championships, Perth
World Indoor Soccer Championships, several States
Bicentennial Softball Series, several States
Second FINA Masters World Swimming Championships, Brisbane
World Super Heavy Weight-lifting Championships, Canberra
World Barefoot Championships, Melbourne.

All of these events were assisted by the ASC under the Sports Development Program.

Sports Development

The objectives of the Sports Development Program are to provide opportunities for increased participation in sport at all levels of the community and to promote the development of Australia's high performance athletes and assist with Australia's standing in sport internationally.

This program spent $9.006 million during the financial year with fourteen staff being involved in its administration.

The following are components of the Sports Development Program:

- assistance to national sporting organisations;
- sports administration;
- coaching;
- events;
- research and development;
- children's sport;
- women's sport;
- drugs in sport; and
- equity and access.

Following the amalgamation of the Commission and Institute Boards, a Standing Committee on Sport for All was established and had the initial responsibility for a majority of these subprograms.

The Committee provided advice to the Board of the Australian Sports Commission and Board of the Australian Institute of Sport on all aspects of sports development, with particular reference to:

- the nature, content and objectives of programs aimed at increasing sporting activities available to Australians, particularly those people who have access and integration difficulties;

- identifying those areas in sport which need specific policies and programs for the purpose of promoting participation in sport and improved performance;
- overseeing grants to national sporting organisations;
- providing advice to the Commission on the financial needs of the national sporting organisations;
- liaising with national, state and local organisations and agencies on sports development programs;
- liaising with international sporting organisations;
- overseeing the National Sports Development programs;
- evaluation of the effectiveness of sports development and participation programs; and
- other matters as referred by the Commission.

National Sporting Organisations

To be eligible for support, national organisations must satisfy the following criteria:

- be representative of the sport nationally;
- be affiliated in at least three States;
- be properly constituted;
- be able to produce annual financial statements;
- have an annual report; and
- have been in existence for a prescribed period of time (normally three years).

Generally only one organisation per sport is considered eligible, although exceptions may be made, for example, where separate organisations exist for men and women. Ethnic and other groups based on criteria other than sport are ineligible for assistance.

Those organisations which meet these criteria are eligible to apply in the following areas:

- Administration
  - — employment of a full or part-time national executive director;
  - — employment of full or part-time support staff; and
  - — general administrative costs;
- Coaching
  - — employment of full or part-time national coaching directors; and
  - — coaching projects;
- Competition
  - — attendance at international competition overseas; and
  - — hosting of events in Australia;
- Meetings
  - — attendance at international administrative, coaching, technical and executive meetings;
- Development
  - — increased participation, safety, improved refereeing and umpiring standards and technical skills, talent identification, children in sport and centres of excellence.

Each year, national sporting organisations submit applications for funding to the Commission. Following receipt of these applications, officers of the Sports Development Section interview the national

organisations to review the past year's programs and proposals for the coming financial year. Grants are announced as soon as possible after the Federal Budget is handed down.

In keeping with the objectives of the Sports Development Program, the Commission has adopted four main criteria when assessing grant applications. These are:

- size;
- profile and public acceptability;
- international success; and
- potential for development.

The Commission is concerned to ensure that there is full and adequate accountability of funds spent in all areas as well as due recognition of ASC support. In particular, the Commission insists that all national sporting organisations ensure that their annual applications reflect their five-year development plan and their long-term priorities. Additionally, the Commission also requires funded organisations to supply appropriate reports on programs previously supported.

As is inevitably the case, the level of funding requested in the applications far exceeds total funds available. This necessitates the setting of priorities by the ASC which results in many difficult decisions having to be made. In 1988–89 requests totalling $42 million were received from 112 national sporting organisations. If the recommended guidelines for the program were to be followed, funding in the vicinity of $10 million would have been required. As it was, 102 national sporting organisations, professional groups and 'umbrella' bodies were funded to a total of $6 157 000 as opposed to 104 in 1987–88 for a total of $5 921 000.

Sports Administration

The main objectives of the Commission's Sports Administration subprogram are to:

- support improvement in the administrative efficiency and effectiveness of national sporting organisations;
- encourage increasing standards of sports administration in Australia; and
- increase the capacity of sporting organisations to respond to the challenges of administrative and managerial problems.

Administration continues to be a vital aspect of the sports scene and sporting organisations are finding that as they grow and develop their administrative and managerial needs grow more complex. In short, sport needs to become more businesslike.

The Commission responds to these needs, and implements programs to meet the objectives outlined above, in several ways. These include a comprehensive advisory service, a seminar and workshop program and an expanding publications program, in addition to the financial assistance provided under the Sports Development Program.

There are three types of grants available which relate directly to sports administration. These are:

- support for full or part-time national executive directors;
- assistance towards the employment of full-time support staff; and
- flat administrative grants.

Employment of Personnel

This continues to be the most significant area of funding under the Sports Development Program. Grants for full-time positions were approved at either $25 000 or $30 000 per position, depending on the total salary package. The sporting organisations were thus also required to make a significant financial commitment to the position by topping up the salary and covering additional costs such as administrative support, travel and office costs.

The level of assistance towards part-time positions was $12 000. During 1988–89, fifty administrative positions were assisted at a cost of $1 385 000. In total, the Commission assisted eighty-six full and part-time administrative, coaching and development positions in fifty-four organisations. The total cost of this assistance was $2 344 000.

Unfortunately, the Commission has not been in a position to meet all requests for assistance in the area of employment and only a few new full or part-time positions were supported during 1988–89. The Commission's capacity to assist in this area was again affected by budgetary constraints.

Sports Seminar Program

In instances where sporting organisations employed both full-time national executive and coaching directors, along with support staff, an additional grant of $10 000 was generally provided. In this area nineteen sports received a support staff grant at a total cost of $190 000.

Flat Administrative Grants

Most sporting organisations not receiving support for full-time administrative positions were allocated general administrative grants. These varied depending on the size and profile of the sport and the total expenses incurred in this area. The maximum level of assistance was $10 000 and fifty sports received an administrative grant at a total cost of $304 000.

Despite the large percentage of Sports Development Program funds allocated to the administrative sector, there continues to be a number of potential problems which should be watched carefully:

- the relatively high turnover of executive director positions is considered by some sporting organisations to be a problem;
- the Commission's inability to increase its contribution towards these positions in recent years has created increasing pressure on sporting organisations to increase their component of the overall costs;
- naturally, the aim of sporting organisations is to attract the best calibre people to these positions but often the salary packages offered are not commensurate with this objective;
- the relationship between paid personnel and voluntary officers is often strained; and
- job description and duty statements for these positions must be carefully prepared and reviewed to ensure clear lines of responsibility and to ensure that personnel achieve their maximum potential.

Seminar Program

During 1988–89 the Commission continued its highly successful Sports Seminar Program. This program was initiated in 1987 when seminars

were held in Sydney and Melbourne. Over the past twelve months seminars were conducted in Adelaide, Perth and Brisbane.

All seminars were well attended and the Commission received positive feedback from seminar participants and respective State departments of sport and recreation. Broadly, the aims of the seminar program were to:

- increase the capacity of sporting organisations to respond to the challenges of administrative and managerial problems;
- increase and improve the flow of information between the ASC and sporting organisations, and within the sporting community itself; and
- raise the profile of the ASC.

The Commission believes these aims were successfully achieved.

Coaching

The Australian Sports Commission considers effective, competent and accessible coaching to be a key element in any attempt to improve and sustain the nation's sporting performance. It also considers that children have the right to receive coaching appropriate to their age and skill level. The Commission's objectives related to coaching are to:

- improve the quality of coaching support at all levels;
- increase the quantity and improve the quality of accredited coaches;
- assist sports in their efforts to broaden the base of participation;
- provide opportunities for all coaches to undertake some form of training in sports coaching; and
- promote the development and dissemination of coaching education resource materials.

In order to achieve these objectives, in 1988–89 the Commission provided financial assistance to sixty-nine national sporting organisations as well as the Australian Coaching Council and the Australian Council for Health, Physical Education and Recreation (ACHPER). In total $1.404 million, or 20 per cent of total grants to national sporting organisations, was directed to coaching. This consisted of:

Salary subsidies for National Coaching Director positions	$784 000
Coaching projects to be carried out by national sporting organisations	$445 000
Assistance to the Australian Coaching Council	$175 000
Total	$1 404 000

In addition, a substantial amount of the funds provided for junior sport (including the AUSSIE SPORTS program) was directed towards coaching. This figure has been estimated at $300 000. Also, many of the development projects funded by the Commission in 1988–89 contained a coaching element. The Commission's total contribution to coaching was therefore close to $2 million.

Australian Coaching Council

The ASC provides administrative support and financial assistance to the Australian Coaching Council (ACC). In 1988–89, $175 000 was provided to the ACC for the employment of a director, support staff and the

development of resources and materials for the promotion of coaching in Australia.

The ACC was established in 1979 by the Sport and Recreation Ministers' Council (SRMC) as a cooperative venture between Commonwealth, State and Territory governments and sporting bodies.

The major role of the ACC, with its unique combination of representatives from Commonwealth and State and Territory governments and sporting groups, is the coordination of the national development of coaching education in Australia.

Included in this role is the responsibility for the development, implementation and promotion of the National Coaching Accreditation Scheme.

National Coaching Accreditation Scheme (NCAS)

The NCAS is a coaching education program aimed at increasing the proficiency of coaches through the implementation of uniform standards of instruction which are specific to the requirements of individual sports. It provides courses at three levels. The courses are specific to each sport and include the following components:

- general: general principles of coaching and human performance;
- sport-specific: skills, techniques, strategies and science specific to the particular sport; and
- practical: practice of coaching.

The courses are not intended to produce a uniform approach among coaches. They offer opportunities for coaches to acquire a greater knowledge of coaching which will ensure that sporting talent is coached by competent personnel.

National sporting organisations are responsible for preparing the sport-specific material for each level of the scheme.

Courses have an emphasis on better organisation of practice sessions, appropriate methods of teaching and correcting techniques, and methods of analysing an athlete's performance.

As at 30 June 1989, seventy-one sports have had courses approved at Levels 1, 2 or 3.

In 1988-89 an additional 9206 coaches were accredited at the various levels. As at 30 June 1989 there were 62 019 coaches accredited under the scheme. This represents an increase of 17.4 per cent in twelve months:

- 53 071 at Level 1
- 7 891 at Level 2
- 1 057 at Level 3.

Technical Committee of the ACC

The ACC has a technical committee which assesses applications from national sporting organisations seeking to participate in the NCAS. The committee is composed of representatives from sport, and State and Territory governments. The technical committee provides the ACC with:

- advice on the design of courses submitted for approval;
- advice on technical issues, such as the production of manuals and resource materials; and
- recommendations on approval of courses.

Service Agency

During the year the ACC completed a transfer of all coaches' records from the Confederation of Australian Sport (CAS) in Melbourne onto a new computer at the ACC's Canberra Office. Previously the ACC had an agreement with CAS whereby that organisation carried out the administration for the National Coaching Accreditation Scheme on behalf of the ACC. The new arrangement became operational in mid-April 1989.

Each coach pays a fee of $10 at the time of registration to the agency. The main tasks of the service agency are the production of NCAS identification cards and other accreditation material, including NCAS cloth badges. Accreditation details of any coach can now be checked on the ACC computer and accreditation lists; statistical reports and marking labels can now be simply produced for national and State sporting organisations.

Now that the new system is fully operational, the ACC will be able to provide a much better and more efficient service to Australian coaches and national sporting organisations.

Director of the ACC

The position of ACC director is funded by the Commission through the grant to the ACC. The director is Mr Lawrie Woodman who is located at the Australian Sports Commission's offices situated at the Australian Institute of Sport.

The functions of the director include:

- promotion and development of the NCAS;
- liaison with sports and coaching course coordinators on course implementation and quality control;
- evaluation of general theory and technical courses;
- development of coaching education resource materials and dissemination of information to sport; and
- liaison with relevant Commonwealth and State/Territory agencies on coaching matters.

The director meets regularly with representatives of sporting and other bodies with an interest in coaching. He also maintains regular contact with the Commission and the Australian Institute of Sport regarding the ACC and coaching matters.

During 1988–89, both the ACC and its technical committee met on four occasions.

Major events and initiatives of the ACC in 1988–89 included:

- A development/planning retreat was conducted to finalise the ACC strategic plan and to determine the ACC's direction for the next four years.
- A dinner was held in October 1988 to mark the tenth anniversary of the ACC.
- A successful elite coaches seminar was held from 2–4 December 1988. This was attended by approximately 140 elite coaches.
- The NCAS service agency was moved from Melbourne to Canberra.
- A master-coach syllabus and implementation strategies were developed.

- Four issues of *Sports Coach* journal and *The Coaching Director* were published.
- The director attended an APOSA conference in Bangkok related to the development of a coaching accreditation scheme in the Asia-Pacific region.

Second Elite Coaches Seminar

From 2-4 December 1988 the Australian Coaching Council conducted an elite coaches' seminar at the Australian Institute of Sport.

This was the second such seminar, following on from a successful first seminar held in 1986. The theme of the second seminar was 'Overtraining and Recovery', aimed at assisting the development of Australian coaches currently working with high performance athletes.

The seminar was held in conjunction with the Australian Sports Commission, the Australian Olympic Federation Inc., the Rothmans Foundation (National Sport Division) and the Australian Institute of Sport.

During the seminar, the physiological, psychological, strength and nutritional aspects involved in training and recovery were examined. Also covered were the effects of sauna, massage, acupuncture, acupressure, flotation tanks and travel, on training and recovery.

Guest speakers at the seminar included:

- Dr David Costill, sports physiologist from Bell State University, Indiana, USA;
- Dr Steven Fleck, sports physiologist from the United States Olympic Centre;
- Dr Robert Nideffen, sports psychologist from San Diego, USA;
- Dr Richard Telford, sports physiologist and nutritional adviser, Australian Institute of Sport.

There were also presentations from AIS personnel: Jeffery Bond (psychologist), Craig Purdam (physiotherapist), Barry Cooper and Wayde Clews (masseurs).

Approximately 150 coaches from forty-five different sports attended the sessions which provided an interesting and informative foundation for the seminar. The rest of the program included a national coaches panel, three workshop sessions in which five groups worked concurrently, a panel discussion, an official dinner and an evaluation session to conclude the seminar.

The evaluation session revealed that the coaches who attended the seminar considered that the 'Overtraining and Recovery' theme of this seminar was very appropriate. They also suggested possible topics for future elite seminars, including:

- the use of computers in sport;
- communication and coaching;
- coaching elite juniors and the transition to elite senior sport.

The second elite coaches seminar was considered to have been very successful. The ACC plans to hold more seminars for this category of coaches because of the key role they have to play in raising Australia's standards in international sport.

Sports Coach

The ACC published four editions of *Sports Coach* in association with the ASC during the 1988–89 financial year.

The editorial board comprised:

Mr Ray Beattie (Chairman)
Mr Greg Hartung
Mr Lawrie Woodman (Managing Editor) Director, ACC
Ms Julie Draper National Sports Research Coordinator
Mr Dominic Wall
Mr Tony Wynd

Employment of National Coaching Directors

One of the most important advances in Australian sport in recent years has been the employment of professional administrators and coaching directors at national and State level. The Commission considers financial assistance to national sporting organisations for the employment of staff to be a high priority. In 1988–89 a total of $789 000 was spent on twenty-six full-time and three part-time national coaching directors.

The functions of national coaching directors vary from sport to sport. However, they are generally responsible for developing a national coaching program for their sport. In most cases they also have some involvement with the conduct of NCAS courses and the development of coaching manuals and other materials.

Coaching Projects

National sporting organisations also receive funding for coaching projects. In 1988–89 a total of $437 000 was allocated to support projects such as:

- cycling: conduct of the inaugural Level 3 coaching course;
- Australian football: rewriting and publication of the Level 2 coaches manual;
- golf: conduct of junior country coaching clinics;
- bocce: conduct of the inaugural Level 2 coaches course with the assistance of visiting overseas coach Dr Morocco.
- women's hockey: conduct of a course for prospective Level 3 coaches and a goalkeeping clinic.

International Competition Overseas

The major highlight in the travel by Australian teams to international competition overseas during 1988–89 was the Seoul Olympics. Aside from the normal allocation of funds to international team travel, the Commission contributed $2 000 000 towards Australia's participation in Seoul and Calgary. The performance of Australian teams and individuals at the Olympics has been well documented and the end result of three gold, six silver and five bronze medals was our most successful performance at recent Olympic Games.

Outside of the Olympics, priority for international team travel in 1988–89 was once again directed toward official world or major championships. The level of funding allocated for these events varied according to the importance and frequency of the event, the size of the team selected and the profile of the participant sport. In all, sixty sports received a total of $723 000 for travel to international competition. This amount represented 11.8 per cent of total grants to national sporting organisations.

While the effects of a depressed dollar and rising costs continue to adversely influence overseas travel, Australian teams still managed to contest over 200 international events ranging from world championships to two-nation events. The range of events contested was as diverse as the results; however, Australian teams registered outstanding performances at world championships in surfing, hang-gliding, small bore shooting, yachting, powerlifting and waterskiing.

In Australia

A total of $626 000 was allocated in 1988–89 for international competition in Australia. This amount represents 10.2 per cent of Sports Development Program funds.

Some of the major grants to national sporting organisations last year included:

- $15 000 for the Baseball World Youth Series in Sydney. This was the first time this event had been held in Australia, and the Australian team finished fourth, which was its best-ever result in this event.
- $48 000 to the Australian Rowing Council (second instalment of a total grant of $150 000) for the World Rowing Championships at Lake Barrington, Tasmania, in November 1990.
- $35 000 for the Women's World Cup in Cricket. Six nations contested this event and Australia won the final.
- $15 000 for the Sixth World Barefoot Championships in Melbourne. Sixty-six competitors from eleven nations contested the championships. Australia finished second overall to a strong American contingent.
- $30 000 for the World Snooker Championships. Over fifty competitors from thirty nations contested the championships in Sydney.
- $50 000 to the Australian Women's Hockey Association (first instalment of a total grant of $120 000) for the staging of the 1990 World Cup in Sydney. This is the first time this event will be held in Australia.
- $10 000 for the World Junior Bocce Championships in Melbourne. Australia took out a bronze medal at this twelve-nation event.
- $20 000 for the World 'C Pool' Championships in Ice Hockey. Eight nations contested this competition in Sydney.
- $50 000 to Australian Swimming for the 1991 World Championships in Perth. In addition, $20 000 was allocated during the year for the Uncle Toby's Challenge.
- $15 000 to Softball Australia for a Bicentennial Challenge Series with New Zealand and Chinese Taipei. Australia won the series.

- $25 000 to the Australian Gymnastic Federation for the Konica Gymnastic Grand Prix in Brisbane. Ten countries and over 100 competitors contested this event. A number of Seoul Olympic medallists competed and Australia recorded some outstanding results.
- $50 000 as the final instalment of a total grant of $100 000 to the Australian Indoor Soccer Federation for the staging of the Third World Indoor Soccer Cup. Sixteen teams involving over 250 players competed at this event, which was conducted in various States throughout Australia.
- $30 000 to the Aussi Masters Swimming (final instalment of a total grant of $60 000) for the Second FINA Masters World Swimming Championships in Brisbane. This six-day event attracted more than 3700 competitors from twenty-eight countries.
- $25 000 to the Australian Weightlifting Federation for the conduct of the Samboy Moomba International Weightlifting Event. This event is one of the official events on the Grand Prix circuit and attracted the world's leading lifters.
- $30 000 to the Australian Lacrosse Council (first instalment of a total grant of $50 000) for the 1990 World Championships in Perth. In addition, $10 000 was allocated to the 1988 World Under-19 Championships in Adelaide.
- $10 000 to the Australian Women's Soccer Association for the Oceania Cup in Brisbane. Five nations contested this event and Australia's two teams finished third and fourth.
- $10 000 to the Australian BMX Association (first instalment of a total grant of $30 000) for the 1989 World Championships in Brisbane.

1990 Auckland Commonwealth Games

The Australian Sports Commission is to contribute a total grant of $1 million ($300 000 in 1988–1989 and $700 000 in 1989–90) to the Australian Commonwealth Games Association (ACGA) for the Australian team's preparation for the 1990 Auckland Games.

Representatives of the ACGA Executive and ASC officers met during the year to discuss the allocation of these funds to the various sports for pre-Games events and training programs. The breakdown of the grants to the individual sports was as follows:

Badminton	$40 000
Boxing	60 000
Bowls	10 000
Cycling	125 000
Gymnastics	90 000
Judo	60 000
Shooting	
— Pistol	40 000
— Clay Targets	30 000
— Small Bore	25 000
— Rifle	25 000
Swimming	180 000
Diving	45 000
Synchronised Swimming	5 000
Track & Field	180 000
Weight-lifting	85 000

Development Projects

Under the Sports Development Program for 1988–89, funding totalling $1 038 000 was provided to sixty-two national sporting organisations for a wide range of developmental programs and projects. The major development areas receiving support were junior development (including talent identification and children in sport), elite development, increased participation, safety and technical development, umpiring, judging and refereeing programs and the conduct of national seminars/conferences.

Examples of specific development projects appear below.

Junior development:

- athletics — support for a junior development officer and the conduct of clinics and camps;
- baseball — junior pitcher and catcher program in all States;
- cycling — national schools program;
- hockey (m) — national talented junior training squad;
- rugby union — development of Walla rugby (modified rules) kit and employment of a national junior development officer.

Elite development:

- bowls (m) — development of potential international players;
- ice skating — training camps for the national figure skating and precision skating teams;
- yachting — state and national elite squad training.

Increased participation:

- korfball — production of a youth sports manual aimed at involving high school children in the sport;
- roller skating — national 'Learn to Skate' program, to cover tiny tots to senior citizens.

Safety and technical development:

- gymnastics — continuation of the Gym Fun program with an emphasis on safety;
- parachuting — updating of rigging advisory circulars;
- trampolining — preparation of safety and skills booklet in cartoon form;
- underwater — production of an 'underwater' first aid kit.

Umpiring and refereeing:

- baseball — umpires' development program;
- basketball — various referee education projects and skills improvement programs, and national rules seminars;
- cricket (m) — development of a national umpiring program.

Conduct of seminars and conferences:

- Australian football — combined Aussie Footy (modified rules) and junior coaching conference;
- equestrian — seminars for potential judges and course designers;
- netball — conduct of a national administration conference;
- surf riders — conduct of the inaugural national and State administrators workshop.

Under the development category, eight full-time national development office positions were supported in 1988–89, with duties ranging from junior development and talent identification to umpiring and refereeing programs and the administration of national leagues (women's basketball and soccer).

Regional Games

During the year the ASC continued to encourage the development of regional games. This was achieved through publication of a newsletter, *Regional Games News*, providing an advisory service for organisers of regional and city games, and distributing information such as reports on games which have been conducted.

In keeping with its advisory role for regional games, the Commission organised and funded a seminar on rural sport and regional games which was held in Wagga Wagga (NSW) from 29 September to 1 October 1988. The seminar was conducted largely in response to requests from people involved with regional games in Australia.

Many people who have been involved with regional games, and others who have had an involvement in servicing country sport, contributed their ideas to help the Commission devise an appropriate seminar program.

The aims of the seminar were to:

- examine the main issues of sport in Australian country areas;
- stimulate interest in regional games;
- consider the role that regional games are playing in Australian sport, particularly in rural areas;
- identify problems retarding the development of sport in rural areas and propose appropriate action;
- provide an opportunity for people involved with rural sport in Australia and with regional games to exchange information and ideas; and
- provide information for people involved in the organisation of regional games to assist them with their events.

The topics which made up the seminar were:

- overview of country sport in Australia;
- regional games analysis and evaluation;
- servicing country sport;
- financial aspects for country sport;
- attracting and promoting sporting events in country areas;
- talent development.

Thirty-five people from all States and the ACT attended the seminar. It was an excellent group comprising experienced and knowledgeable people who were able to contribute in an informed and articulate manner to the various sessions.

The seminar participants included representatives of the seven regional games organisations. Four State departments of sport and recreation were represented — three of them by assistant directors. Other organisations represented included the NSW Academy of Sport, VICSPORT, Australian Coaching Council, Illawarra Academy of Sport, three local government councils and three departments of education.

A number of recommendations came out of the seminar and are contained in the seminar proceedings and are available from the ASC Information Centre.

Support for the regional games has continued to grow and there are now approximately twenty multi-sport events held in Australia which can be classified as regional games.

The ASC has maintained its policy of not providing financial assistance for the conduct of regional or city games as it believes that the primary responsibility for assisting such games rests with State, regional and local instrumentalities.

Honours and Awards

Following the September 1987 announcement of the proposed merger between the Commission and the Institute, the Commission assumed a number of responsibilities previously undertaken by the Department of the Arts, Sport, the Environment, Tourism and Territories.

Among these was advice concerning awards under the Australian system of honours — the Order of Australia — which are made on a twice-yearly basis. Any individual or organisation is free to make a nomination for an award and the normal closing time for these lists is six months prior to the award date.

The Commission provides advice to the Honours Secretariat in relation to sporting nominations, as required.

Cultural Relations Program

The Cultural Relations Program is administered by the Department of Foreign Affairs and Trade and has several broad objectives, including the strengthening of relations between Australia and other countries, particularly those in the Asian and Pacific regions. The program also helps to project and enhance Australia's image overseas through a wide range of activities including exchanges, exhibitions, displays, film festivals and the like.

The Commission is responsible for liaison with, and the provision of advisory assistance to, the Department of Foreign Affairs and Trade on sport in the context of the program and Australia's foreign relations generally.

Sports is playing an important role in the program, especially in South East Asia and the South Pacific. This has been reflected in recent years by the increasing number of sporting visits and exchanges in the areas of coaching, athlete training, science/medicine and administration.

The Commission will continue to work with the Department of Foreign Affairs in promoting sport as a vital aspect of the Cultural Relations Program.

National Sports Research Program

The National Sports Research Program (NSRP) endeavours to bridge the gap between sports scientists, athletes and sports coaches.

The ASC operates primarily through the National Sports Research Program to attain this goal. An integral part of the NSRP is the Applied Sports Research Program (ASRP) which assists sports coaches and

administrators to find solutions to problems through the application of sports science.

The NSRP has two separate budgets, one for the ASRP and the other for the staffing and subprograms of the NSRP. These budgets are illustrated by the following table:

ASRP	NSRP
	Employment of personnel
	• Sportscan services
	• State-of-the-Art reviews
	• Sports research needs update
	• Sports Science Directory
	• Testing protocols
	• Other projects
1988–89 budget $75 000	1988–89 budget $135 000

The NSRP provides a structure through which sports organisations and research organisations can make use of available funding to address ongoing problems.

Applied Sports Research Program

Established in 1983, the ASRP has provided $675 700 over the six years for fifty-six different projects in twenty-six different sports and ten general areas. The topics studied can be broadly categorised into:

- talent identification;
- biomechanical evaluation of various techniques and equipment;
- energy and nutritional requirements in different sports;
- the importance of psychomotor factors in certain activities;
- program evaluation;
- injury surveys;
- development of biofeedback systems;
- socio-historical studies;
- junior sport and
- sports administration.

The purpose of the ASRP is to assist people involved in sport in finding the solutions to problems that are considered relevant and of immediate or long-term value. The objectives of the program are to:

- improve safety in sport;
- fund research which will improve athletic and coaching performance;
- improve coaching methodology through the direct application of the results of the research program;
- improve the appreciation of coaches and administrators of the value and potential contribution of sports science research; and
- improve liaison among national sporting bodies, sports scientists and tertiary institutions.

Applications for funding under the ASRP in 1988–89 were received from twenty-five researchers or research institutions. Twenty-four of these were considered to be within the guidelines of the program and were subsequently sent out for review by two independent researchers.

Eight projects were funded, including the further development of a project which was previously funded. That project is 'on-water rowing research using a computerised telemetered data collection system'. The other projects funded involve:

- a trial and evaluation of the AGF's Gymskills Program;
- training and competition responses of the immune system in elite athletes;
- the psychological aspects of recovery from injury;
- determination of scoring factors in judging sport;
- timing of the stretch-shortening cycle to maximise power in lifting;
- a comparison of energy systems in training and playing in elite netball; and
- adapted fishing tackle for disabled fishers.

During 1988–89 a number of ASRP projects which had been funded in previous years were completed. These included:

- cricket — vision and batting;
- softball — overuse injuries in the arm;
- netball — socio-historical analysis;
- swimming — individual medley swimming events;
- cycling — biofeedback system;
- water polo — computer system for real timing match recording; and
- table tennis — biomechanical analysis of the forehand shots.

Dissemination of Information

The outcomes of the projects have provided many competitors and coaches with valuable information in terms of coaching methodology, training principles, safety requirements, equipment design and the effectiveness of programs.

The technical and 'lay' reports produced under the ASRP are distributed to the relevant national sporting organisations. The information contained in these reports has been widely circulated in a variety of forms including sport-specific journals and newsletters, *Sports Coach*, the Report on the NSRP, the *Australian Journal of Science and Medicine in Sport* and other scientific journals. Material from the program has been presented at scientific conferences and coaching seminars in Australia and overseas, and videos relating to coaching and training principles have been produced. Most importantly, the findings of some projects have been, or are currently being, written into the NCAS Levels 1 and 3 courses.

Coaches' (non-technical) reports from some of these projects that have been published in 1989–89 include:

- improving anticipation in racquet sports;
- Rowsys: an 'on water' biomechanical analysis system for rowing;
- the effect of changes to passing height on the mechanics of landing in netball;
- the mechanics of the Lendl and conventional tennis forehands: a coach's perspective;
- the topspin backhand drive in tennis: a coach's perspective;
- the volley: a biomechanical analysis;
- the coach and the drop out;
- the child exercising in the heat; and
- the effects of modifying football on coaching behaviours.

National Sports Research Coordinator

Ms Julie Draper has continued to carry out the duties of the National Sports Research Coordinator (NSRC) throughout the year.

In addition to providing technical advice and liaison in the administration of the ASRP, the NSRC administers a number of associated programs. These are aimed at assisting sports scientists, athletes, coaches and administrators to apply sports science principles to sports participation and performance. The objectives of these programs are to:

- increase the flow of sports research information to the sporting community; and
- increase the coordination of the sports science research network in Australia.

These programs include:

Australian Sports Science Directory

The *Australian Sports Science Directory* was published again in 1989 mainly to help sports to identify those scientists who may be able to assist them with research or make some other contribution towards improving performances within their sport. It is also seen as a useful tool for sports scientists for communication with one another. The updated version of the directory contains information on over 300 sports scientists concerning their research and testing areas of expertese, and their availability for coaching seminars and workshops.

It also contains details of twenty-one sports science laboratories around Australia. Information included concerns personnel and equipment available in each laboratory, and the athlete-testing background and research interests of the laboratory personnel.

Testing Protocols

During 1988–89 the NSRP published *Sport-specific guidelines for the physiological assessment of the elite athlete*. The purpose of this publication is to standardise testing procedures for athletes at the elite level across Australia. Chapters have been written by the experts in the field and cover:

- cross-country skiing
- cycling
- kayaking
- orienteering
- rowing
- running, and
- swimming.

Sportscan

Sportscan is an information retrieval and dissemination service for nationally accredited coaches and members of the Australian Council for Health, Physical Education and Recreation and the Australian Sports Medicine Federation. Sportscan provides these people with relevant sports science articles specific to their needs on a wide range of topics. Within two weeks of a request, an accredited coach will receive a comprehensive listing of the latest relevant articles from around the world.

In 1988–89 an average of twenty-five searches were conducted each month. As an additional service, the NSRP, where possible, includes a review article on the area requested. There is a fee of $10 for each search carried out.

The NSRP appreciates the assistance of the National Sport Information Centre in enabling Sportscan to utilise the services of its library.

State-of-the-Art Reviews

Literature reviews on the most popular Sportscan requests are being written by, or obtained from, sports scientists and reputable sports science journals. The 'state-of-the-art' reviews currently available are:

- Item 1 Helmet equipment in sports
- Item 2 Exercising effectively and safely in the heat
- Item 3 Exercise and the asthmatic
- Item 4 Nutrition for the athlete
- Item 5 Warming up and stretching for improved physical performance and the prevention of sports-related injuries
- Item 6 The regular menstrual cycle and athletic performance
- Item 7 Applied physiology of soccer
- Item 8 Iron — are you getting enough?
- Item 9 Anaerobic threshold and endurance performance
- Item 10 Protein and the athlete
- Item 11 Applied physiology of marathon running
- Item 12 Applied physiology of rowing
- Item 13 Sleep, biorhythms and human performance
- Item 14 Applied physiology of cycling
- Item 15 What research tells the cricket coach — Part 1, Part 2
- Item 16 Tibial pain or shin soreness (shin splints)
- Item 17 Weight training for sport and
- Item 18 Exercise and pregnancy
- Item 19 Athletic amenorrhea
- Item 20 Doping in sport
- Item 21 Designing a resistance-training session

During 1988–89 approximately 680 requests for state-of-the-art reviews were serviced. The reviews can be purchased from the NSRP at a cost of between $2 and $5 each.

Journal Documentation Service

The Journal Documentation Service (JDS) in *Sports Coach* is a listing of sport-oriented articles which have been selected and indexed from Australian and overseas periodicals. Upon receipt of a completed request form, a photocopy of the relevant article is sent. In 1988–89 approximately 180 requests were received and serviced each month.

Information on this service (including a request form) is provided in each edition of *Sports Coach* and is prepared with the assistance of the National Sport Information Centre.

Sportscan, State-of-the-Art Reviews and the JDS are complementary programs and provide a comprehensive sports information service to coaches, athletes and administrators.

Information Service Brochures

Another function of the NSRP is the publication of information service brochures. These are designed to inform coaches, scientists and other interested parties of the information services available to them. The brochures highlight the features of the JDS and Sportscan computer search service, and point out the ways these information services can assist coaches. The purpose and availability of state-of-the-art reviews and coaches reports are also indicated.

To date, seven of the information service brochures have been produced and revised on the following topics:

- Coaching Athletes with Disabilities
- Drugs in Sport
- Information Services for Gymnastics Coaches
- Information Services for Squash Coaches
- Information Services for Cricket Coaches
- Information Services on Women in Sport
- Research and Information on Children in Sport

The brochures are distributed through various channels to coaches and officials.

Sports Research Needs Update

Because of financial constraints and other factors, not all the necessary sports research can be undertaken within the ASRP. To complement this program, a booklet entitled *Sports Research Needs Update* has been published. A categorised listing of 237 research projects, designated by national sporting bodies, has been compiled and distributed to tertiary institutions throughout the country. The aim is to encourage advanced students in physical education and human movement studies to undertake research projects nominated by national sporting bodies and liaise with the NSRC and the national sporting organisations.

This publication is available from the NSRP.

National Program on Drugs in Sport (NPDS)

The NPDS was established by the Australian Sports Commission (ASC) in 1985. The program committee is chaired by Dr Brian Corrigan. The membership in 1988–89 was:

Dr Brian Corrigan (Chairman)
Dr Ken Fitch (Deputy Chairman)
Mr Steve Haynes (Coordinator)
Miss Fran Allan (Secretary)
Mr Dene Moore
Dr Bill Webb
Dr Brian Sando
Mr Roy Masters
Mr Stiffen Greenwood
Dr Ray Kazlauskas

The committee functions as an expert advisory and consultative group to the ASC, federal ministers, and sporting and health organisations. The major aims of the program are:

- to develop and promote increased knowledge and awareness of the drug problem at all levels in the sporting community; and
- to discourage the use of drugs in sport, through education and through drug testing at sporting events in Australia.

1988–89 saw the implementation of the new three-year Policy and Strategic Plan of the National Program on Drugs in Sport, operating under the new banner of the Australian Sports Commission anti-drugs campaign. The plan focuses on a number of specific strategies including drug testing, education and information, research and development, marketing and program management. The last twelve months have been an extremely significant period in the fight against drugs in sport. The anti-drugs campaign received a 47 per cent increase in funding, from $140 000 to $207 000. In addition, the National Campaign Against Drug Abuse provided $40 000 to establish a drug education officer position.

The Australian Government Analytical Laboratory in Sydney is continuing its efforts towards full international accreditation. It is anticipated that this will occur early in 1990.

The Senate Standing Committee on Environment, Recreation and the Arts (Black Committee) conducted an inquiry into the use by Australian sportsmen and sportswomen of performance enhancing drugs and the role played by Commonwealth agencies.

The key recommendations envisage:

- a national plan;
- an independent agency be established to carry out all sports drug testing in Australia; as an interim measure the anti-drugs campaign be funded to perform these functions;
- an independent tribunal be established to adjudicate on disputes;
- coverage of professional sports in the testing program;
- the supply for human use of anabolic steroids labelled for veterinary use becoming a criminal offence, and anabolic steroids for human use becoming a Schedule 8 drug. (Schedule 8 drugs are primarily narcotics and drugs of dependence. Schedule 8 drugs can only be provided to individuals who have a prescription, for the use of a listed drug, signed by a medical practitioner and where the approval of the State health department has been given for such a prescription. Schedule 4 drugs include anabolic steroids for human and veterinary use. Schedule 4 drugs can only be provided to individuals who have a prescription signed by a medical practitioner.)
- 'the drug testing agency conducting necessary investigations and carrying out the necessary liaison activities with law enforcement agencies, customs officials and health departments';
- the development of a uniform licensing system for gymnasiums and health centres, with a condition of licence being that no drugs be available, admitted or used on their premises;
- the working together of all relevant portfolios to ensure the implementation of the national plan; and
- the adoption of a high international profile by the testing agency and Australian Olympic Federation to ensure similar standards are adopted internationally.

In January 1989 the Australian Sports Commission decided to relocate the anti-drugs campaign to a separate location, away from the AIS campus.

Drug Testing

The volume of drug testing undertaken in Australia during 1988–89 continued to show an increase. Five hundred tests were carried out on Australian athletes, both at sporting events and out of competition. A wide range of sports were covered including the majority of Olympic sports, non-Olympic sports such as powerlifting, and professional sports such as rugby league.

During the year all government-funded athletes and users of government-funded facilities were subject to random testing. In addition, the anti-drugs campaign initiated an independent testing program on behalf of the Australian Commonwealth Games Association.

Complementary testing programs were also carried out by the South Australian Institute of Sport and the Western Australian Institute of Sport.

The testing procedures for athletes at the Australian Institute of Sport were taken over by the anti-drugs campaign.

The first positive drug test was recorded as a direct result of cooperative testing between a national sporting organisation and the anti-drugs campaign.

Drug Education

Following funding from the National Campaign Against Drug Abuse, a full-time education officer has been appointed to the anti-drugs campaign. The officer is developing education programs which will be incorporated into school curricula and also used by sporting and community groups.

Anti-Drugs Campaign Committee — terms of reference are to:

- advise on the development and implementation (including funding and staffing implications) of a national policy related to the use and abuse of drugs by persons participating in sporting and recreational activities;
- develop a program to actively discourage drug misuse in sport, including the preventative elements of drug testing, drug education and, as appropriate, drug regulation;
- develop a systematic education program in keeping with existing guidelines and programs related to drug education;
- investigate the most appropriate procedure(s) for the detection of prohibited substances;
- encourage relevant sporting organisations to adopt and implement appropriate testing procedures which may include testing at events or during training;
- encourage the establishment of appropriate networks throughout Australia to assist with the implementation of drug testing;
- encourage appropriate organisations to allocate sufficient funds to permit drug testing by sporting organisations;
- advise organisations as to which drugs should be prohibited and seek legal advice, as necessary, on aspects related to drug testing;

- organise the establishment of a national information base of resource materials to assist key personnel who have to address the problems of drug misuse in sport;
- instigate and encourage research into related areas;
- liaise with relevant organisations regarding the development and implementation of policy; and
- act on other relevant matters referred to it from the ASC and ministers.

Sports Participation

AUSSIE SPORTS—A Children in Sport Program

AUSSIE SPORTS is Australia's first national program of sports education. It was developed by the Commission with the assistance of the Australian School Sports Council (ASSC). It focusses especially on children in their last three years of primary school, but has immediate applications for children of other age groups, parents, teachers and coaches.

AUSSIE SPORTS commenced in May 1986 with the approval of the then Minister for Sport, John Brown.

Objectives

The objectives of AUSSIE SPORTS are to:

- improve the quality, quantity and variety of sporting activities available to Australian children;
- provide all children with the opportunity to participate in appropriate sporting activities;
- encourage participation and skill development in a variety of sports;
- reduce the emphasis on 'win at all costs' and to promote enjoyment and good competition through participation in sport;
- promote the principles of good sporting behaviour; and
- improve the quality of sports instruction available to Australian children.

Achievement of Objectives

AUSSIE SPORTS worked towards the achievement of these objectives through the following avenues:

- placement of an AUSSIE SPORTS coordinator in each education department (a second coordinator was placed in NSW from 1 February 1989) and associated workshops;
- development of children's coaching through the AUSSIE SPORTS Coaching Program and other related activities, including:
  — grant to ACHPER for coaching program coordinator;
  — development of coaching resources;
  — preparation of lecturers kits; and
  — pilot scheme to promote coach education at community level;
- production and distribution of educational resource materials, including development of a manual relating to activities for children with disabilities (to be printed in 1989–90); and

- public education and promotion materials, including TV community service advertisements, brochures and promotion literature.

These program elements required the employment of contract staff.

Contracted Staff

- National coordinator to manage and direct the program.
- Resource consultant. During 1988–89 this position was used to employ a specialist writer to develop resources for children with disabilities.
- In May 1989 a consultant was placed with the ASC to assist with the development of coaching resources and courses.

Budget

The budget allocation in 1988–89 was $630 000. AUSSIE SPORTS had additional income of $53 000, consisting of funds carried over from 1987–88, grant monies returned, and sales of AUSSIE SPORTS clothing through the AIS shop.

Expenditure during 1988–89 totalled $683 000 on:

- grants to State and Territory education departments for employment of, and workshops for, coordinators (list of coordinators attached) $340 000;
- grant to ACHPER for coaching program coordinator $40 000;
- program development, employment of coach consultant, and pilot projects $30 000;
- production and distribution of educational resource materials $108 000;
- public education and promotional material including TV and radio community service advertisements $46 000;
- employment and travel for contract staff $100 000; and
- evaluation of AUSSIE SPORTS $19 000.

Available Information

Copies of AUSSIE SPORTS resources, promotional materials and evaluation reports are held by the National Sport Information Centre (telephone: [062] 52 1204). Information about AUSSIE SPORTS can be obtained from the national coordinator (telephone: [062] 52 1527).

Parliamentary Inquiry

During 1988–89 the Federal Government's Standing Committee on Public Finance and Administration commenced an inquiry into sports funding in Australia. A number of submissions referred to AUSSIE SPORTS. Copies of submissions, and the report 'Going for Gold', are available from Parliament House.

The inquiry concluded that AUSSIE SPORTS was a useful and important program inadequately funded to achieve its objectives. It recommended that the program should receive a higher level of resourcing. Recommendations to this effect were included in the Committee report.

AUSSIE SPORTS Resource Developments

Activities Manual

During 1989 the Activities Manual was reviewed, in line with recommendations in the evaluation report, and updated. Publication of this revised edition is expected towards the end of 1989.

Activities Manual for Children with Disabilities

As a result of the review of the Activities Manual, a supplementary manual for teachers and coaches who work with children with disabilities is being developed. At the end of 1988–89 the draft version of the manual was completed and distributed for trialling. Publication of this manual is expected during the 1989–90 financial year. Other resources continue to be available on a cost-recovery basis.

Newsletters

Four issues of the *AUSSIE SPORTS News* were published in 1988–89, with circulation increasing to 16 000. The newsletter is targetted especially at teachers and officials in State and national sporting organisations. It aims to inform about developments and happenings in AUSSIE SPORTS in the various schools and sporting organisations throughout Australia. It also attempts to raise and discuss issues facing schools and clubs in their implementation of sport.

The Commission intends to produce four newsletters in the next year —one in each school term — with a circulation of 22 000. An additional four-page newsletter has been distributed to AUSSIE SPORTS Clubs throughout 1988–89, addressing issues relating specifically to junior sports clubs.

Codes of Behaviour

AUSSIE SPORTS was able to reprint the very popular Codes of Behaviour as a result of sponsorship by the Drug Offensive. 50 000 codes were printed, of which 40 000 have been distributed on request.

Other Program Developments

AUSSIE SPORTS Clubs

With the assistance of Telecom sponsorship, community sports clubs now have the opportunity to become AUSSIE SPORTS clubs. So far, 1000 clubs have committed themselves to the philosophy of AUSSIE SPORTS, by adopting coach training, modified sport and the Codes of Behaviour.

AUSSIE SPORTS Schools

Schools become involved in AUSSIE SPORTS in a number of ways — through the Awards Scheme, through Expos, the Sport in Australian Society materials, or by adopting the principles of AUSSIE SPORTS.

Approximately 2400 schools are registered AUSSIE SPORTS schools. The two evaluation reports confirm that many more schools have adopted the AUSSIE SPORTS philosophy and practise this in their sports programs.

AUSSIE SPORTS Expo Programs

These very successful activities have been useful in promoting AUSSIE SPORTS throughout the country. They provide an excellent forum to show teachers, parents, children and sports clubs the range of modified sports available and modern coaching techniques to develop these sports.

During 1988–89, approximately 135 Expos were held, with 1700 schools and 70 000 children being involved. In 1989–90, emphasis will be placed on holding development days for teachers and coaches, moving away from the promotional 'Expo' days.

Leisure Wear

The direct order mail catalogue system, initiated in 1987, ceased during 1988 due to difficulties with supply. Stock is now being sold through the Australian Institute of Sport shop.

Evaluation

During 1988–89 the second national evaluation of AUSSIE SPORTS in the school system was undertaken by Professor Ron Traill and Dr Jim Clough of the Canberra College of Advanced Education. The report was completed in January 1989.

In early 1989 Professor Traill and Dr Clough commenced the national evaluation of AUSSIE SPORTS in the sporting community. This comprehensive evaluation will provide direction for the program's development in the community. The final report is expected at the end of 1989.

Public Education

The second AUSSIE SPORTS community service advertisement, featuring Sir Donald Bradman, was released to all television stations in December 1988. The advertisement was played widely, especially in regional areas, raising public awareness of the importance of sport for children.

Production of a series of radio community service advertisements were commenced. They are planned to be put to air in October 1989.

Bicentennial Medallions

The AUSSIE SPORTS Awards provide an incentive for all children, including those who may be less able, or less interested, in sport. In 1987 the Australian Bicentennial Authority adopted the Awards Scheme as a Bicentennial project. As part of this project medallions were developed and presented to all children who completed 100 sessions in at least four sports by the end of 1988. 45 000 medallions were distributed.

AUSSIE SPORTS Coaching Program

Quality of coaching leads to quality of experience. Ultimately, only a heightened quality of experience in sport will sustain an increase in participation and excellence in sport.

The great challenge facing clubs, schools and parents is to improve the quality of coaching available to young children. The AUSSIE SPORTS

program places great emphasis on the development and conduct of Level 0 coaching courses. Acting as the Commission's agent, the Australian Council for Health, Physical Education and Recreation (ACHPER), in cooperation with national sporting organisations and the Australian Coaching Council, has developed and promoted Level 0 coaching courses. These are endorsed by the Australian Coaching Council as a non-accredited part of the National Coaching Accreditation Scheme. These four to six-hour courses are designed to provide basic insights into the various aspects of coaching children.

Sporting bodies which have already developed Level 0, non-accredited coaching courses include those responsible for:

Australian football	orienteering
baseball	soccer
basketball	softball
cricket	squash
cycling	table tennis
golf	tennis
hockey	touch
korfball	yachting
netball	

Twelve of these have produced manuals as part of the AUSSIE SPORTS Coaching Program. Several other sporting bodies have courses which are currently under consideration. Information about Level 0 coaching courses can be obtained from the relevant sports association or the consultant for the AUSSIE SPORTS Coaching Resources (062) 52 1445.

Women's Sport Promotion Unit

The Women in Sport Program is designed to help increase the quality and quantity of opportunities for all women and girls to participate in sporting activities of their choice in a fair and unbiased environment. It is administered by the Women's Sport Promotion Unit, a committee of the ASC with responsibility for assisting the Commission to implement its National Policy and Plan for Women in Sport (Dec '87). Membership of the Women's Sport Promotion Unit is as follows:

Mrs Hazel Hawke (Patron)
Mrs Margaret Pewtress (Chairperson)
Ms Libby Darlison
Mr Ray Sneddon
Ms Henny Oldenhove
Ms Donna Edman (Secretary)

Objectives

The objectives of the Women in Sport Program are to:

- facilitate the implementation of the Australian Sports Commission's National Policy and Plan for Women in Sport;
- encourage participation and skill development by women in all aspects of sport; and
- increase the quality and quantity of sporting opportunities available to Australian women.

Budget

The budget allocation in 1988–89 was $150 000.
Expenditure during 1988–89 was:

• development and publication of resource materials	$59 100
• seminar and workshops program	24 700
• employment and travel of contract staff	54 200
• committee costs and travel	12 000
	150 000

Contracted Staff

- Program consultant: during 1988–89 this position was used to employ a specialist in the area of girls and physical activity, equal employment opportunity and resource development.
- Public relations consultant: this short-term contract was used to develop a communications strategy for the program.
- Marketing consultant: this consultant assisted women's sporting organisations and individuals to develop sponsorship and marketing proposals.

Achievement of Objectives

In 1988–89 the program worked towards fulfilment of its objectives through the following avenues:

- Production and distribution of education resources and promotional materials.

Demand for the 'Active' women in sport newsletter rose from 12 000 to 18 000 in four issues with 1350 written requests received. The newsletter is targetted at identified agents of change for women and girls in sport, including all high schools and tertiary institutions, national sporting organisations, media, sponsors of sport and interested individuals. 'Active' is the only national print forum for women in sport in Australia. The newsletter aims to raise and discuss issues facing women and girls in sport, and highlight available resources and developments. The following written requests for resources were serviced:

- 284 for media contact directories
- 280 for funding directories
- 260 for fact sheet sets
- 233 for bibliographic material
- 85 for research material
- 273 for national policy booklets

The 'women in sport' television community service announcement was screened by over twenty stations.

The unit extended its poster, video and photographic resource collection to over 300 items for use by a number of agencies for publications and resources.

The unit produced and distributed 30 000 fliers promoting girls and physical activity resources to school and community groups.

- Workshops and joint projects with representatives from State departments of sport and recreation.

Representatives from the sport departments of six States and one Territory attended a workshop with the unit. This resulted in the development of a 'Gateways to Participation' seminar project and Registers of Sportswomen being developed for each State. Of the two seminars held to 30 June, 370 and 110 people attended the WA and SA seminars respectively. Each State department has now initiated policies and programs to assist women in sport.

- Assistance given to national sporting organisations and other agencies.

The unit serviced on average four telephone calls per day from organisations and individuals seeking advice and requesting information on a range of issues concerning women in sport, including the implications of the Commonwealth Sex Discrimination Act, sponsorship negotiations and amalgamations.

The unit assisted ten national sporting organisations with workshops and projects to address issues for women in sport.

- Direct contact with media representatives.

Officers of the unit met with seven editors of women's magazines regarding the inclusion of material relating to girls and women in sport. All responded with regular articles or features. One unit member is writing a monthly feature about women and physical activity for a national women's magazine.

The unit undertook twelve radio interviews, two television interviews and supplied information for ten newspaper articles about women in sport.

Available Information

Copies of the 'Active' women in sport newsletter, promotional materials, national policies, fact sheets, media contact and funding directories and other promotional materials are held by the National Sport Information Centre (telephone: [062] 51 1204). Information about Women in Sport can be obtained from the program coordinator (telephone: [062] 52 1522).

Parliamentary Inquiry

During 1988–89 the Federal Government's Standing Committee on Public Funding and Administration commenced an inquiry into sports funding in Australia.

The Women's Sport Promotion Unit made submissions to the inquiry. Copies of the submissions and the report are available from Parliament House.

Sport for People with Disabilities

Establishment of Commission Program

As part of the reorganisation of Commonwealth Government sports functions in November 1987, the Australian Sports Commission assumed responsibility for government sports assistance to people with disabilities from the Department of the Arts, Sport, the Environment, Tourism and Territories.

Following this transfer, the Commission conducted a review of the Government's activities in the area of sport for people with disabilities to ensure that these activities were appropriate to the sporting needs of the disabled community and in line with the Commission's general objectives.

The review was conducted in the first half of 1988 and included consultation with the major national organisations which provide sporting opportunities for people with disabilities.

The recommendations of the review formed the basis of the Commission's Disabled Sport Program (DSP) which commenced operation in 1988–89.

The review recommended that the new DSP should be aligned with other Commission programs and policies where appropriate. It was also recommended that the Commission should encourage people with disabilities to become integrated into able-bodied sporting activities, taking into account that the pace of this integration must be dictated by the willingness and enthusiasm of the disabled. It was recognised, however, that many athletes with disabilities will not wish, or even be able, to be catered for in an integrated setting and, therefore, that the Commission must continue to support the national sporting organisations for the disabled in their efforts on behalf of these athletes.

Program Objectives

In line with the objectives of the Commission and general Commonwealth Government principles in relation to people with disabilities, the objectives of the DSP are as follows:

- to encourage people with disabilities to participate in sporting pursuits;
- to provide sporting opportunities which will enable people with disabilities to participate at their desired level and to achieve their personal goals;
- to ensure that people with disabilities are provided with the same sporting opportunities as able-bodied persons and that these opportunities are not conditional on gender, race, age or level of disability; and
- to encourage and promote, where appropriate, the integration of disabled sporting activities with those of the able-bodied.

Achievement of Objectives

To achieve the above objectives in 1988–89, funds were provided under the DSP to the following:

- National sporting organisations for the disabled (NSODs) for:
  - — employment of personnel;
  - — general administrative expenses;
  - — attendance of Australian teams at international competition overseas;
  - — administration of international competition in Australia;
  - — attendance at international administrative and coaching/technical meetings, study tours and seminars;
  - — administration of international meetings/conferences in Australia;
  - — coaching projects;
  - — development projects;

— integration projects; and
— projects of national significance.
- National sporting organisations for the able-bodied (NSOs) for:
— integration projects; and
— coaching projects.
- The Australian Coaching Council (ACC) for the employment of a National Coaching Coordinator for the Disabled (NCCD) whose duties included the provision of a coaching advisory service to NSODs and NSOs and the production of appropriate resource materials. In addition, coaching projects initiated by NSODs and NSOs which were funded under the DSP were coordinated by, and conducted in liaison with, the NCCD.
- The Commission's Sports Talent Encouragement Plan (STEP) which provides direct funding to elite athletes and teams. DSP funds were specifically targeted at elite athletes with disabilities.
- The Commission's National Sports Research Program (NSRP) which funds research aimed at improving athletic and coaching performances and safety in sport. DSP funds were specifically provided for research projects concerning people with disabilities.
- The Commission's AUSSIE SPORTS Program to enable the development of an AUSSIE SPORTS manual for children with disabilities.

Expenditure

The budget allocation to the 1988–89 DSP was $640 000, although approximately $730 000 was expended due to program savings. A breakdown of this expenditure is in the appendix, and includes grants to national organisations. Specific grants made under the STEP and NSRP are included in appendixes related to these programs.

Evaluation

To assess the achievement of DSP objectives in 1988–89, the following performance indicators were used:

- NSOD registrations;
- number of ACC-approved coaching courses developed in the disabled area;
- performance of Australian teams at international competition;
- efficiency and performance of NSOD administration;
- number of NSOs catering for the needs of the disabled;
- number of research projects conducted;
- number of information resources produced by NSODs/NSOs and the Commission.

As 1988–89 was the first year of the DSP, some of these indicators do not have comparative information from previous years. Therefore, in certain cases, 1988–89 merely provides 'benchmark' standards for future years. However, the following information shows the activities which have been achieved by the DSP in 1988–89 relative to performance indicators:

- NSOD registrations — the majority of NSODs funded reported increased membership numbers in 1988–89 with increases ranging from 5 per cent to 120 per cent. Membership numbers of other NSODs remained at the same level as 1987–88.

- ACC-approved coaching courses — three NSODs initiated the development of Level 0 coaching courses which are the first of their kind. In addition, three NSOs developed courses related to the disabled.
- Performance of Australian teams at international competitions — Australian teams competing internationally in 1988–89 performed creditably and generally maintained or improved performances compared to previous years. For example, at the World Games for the Deaf, Australia finished fifth out of thirty-one countries while, at this event in 1985, our team finished twenty-second out of twenty-seven countries. At the Paralympics, Australia finished equal seventh overall on the medal tally and all except one of the disability groups competing maintained or improved their standings from the 1984 Paralympics. In addition, the Australian Blind Bowls Team retained their world champion status.
- Efficiency and performance of NSOD administration — new full-time executive director positions were funded in two NSODs, thus increasing the efficiency of these organisations. An assessment of NSOD administration commenced towards the end of 1988–89, when NSODs were requested to complete a questionnaire which evaluated the performance of their administrators and executive directors. Responses from NSODs will be reviewed in 1989–90.
- Number of NSOs catering for the needs of the disabled — under the 1988–89 DSP, seven NSOs were allocated funds for coaching and integration projects.
- Number of research projects conducted — one research project pertaining to sport for people with disabilities was funded under the NSRP.
- Number of information resources produced by NSODs, NSOs and the Commission — one NSO was funded to produce an information manual while one NSOD received funds to produce a magazine and promotional video. Within the Commission, development commenced of a brochure outlining Commission assistance available for disabled sport and an AUSSIE SPORTS manual relating to children with disabilities. Through the NCCD, coaching brochures relating to the disabled were produced, and a national register of coaches for the disabled and a database information service in the coaching area were established.

Other Activities

Parliamentary Inquiry

Towards the end of 1988–89, the Federal Government's Standing Committee on Public Finance and Administration began the second stage of its inquiry, which concerned participatory, rather than elite, sport.

The Commission provided information regarding disabled sport to a preliminary hearing for this phase of the inquiry, and at the request of the Committee will be making a formal written submission early in 1989–90.

Sport and Recreation Ministers' Council (SRMC) —National Study on the Sport and Recreation Needs of People with Disabilities

In July 1988, the SRMC commissioned the WA Department of Sport to conduct a national study into the needs and structure of disabled sport and recreation in Australia. The Commission made a submission to this study in January 1989 and provided comments on an interim report which was produced by the Department in February 1989. A final report is to be produced by October 1989.

Highlights

'88 Paralympics

The '88 Paralympics were held in Seoul, Korea, in October 1988. This event, commonly regarded as the Olympics for the Disabled, is one of the most important events on the disabled sporting calendar. The '88 Paralympics were the largest in history with 3200 athletes from sixty-five countries competing in sixteen sports and 732 events. Five disability groups were involved: wheelchair, blind, cerebral palsy, amputee and *les autres*.

The Australian team was one of the biggest contingents at this event, comprising 226 people. The team's performance was outstanding, winning twenty-three gold, thirty-four silver and thirty-seven bronze, and finishing an excellent equal seventh with the host nation in the medal tally.

While Australia has been represented at previous Paralympics, 1988 was the first year that the disability groups involved coordinated their fundraising efforts under the one banner, the '88 Paralympics Appeal. This Appeal was very successful in raising the required funds and it appears this approach will be used in generating funds for future Paralympics. The Federal Government gave $170 000 to the '88 Appeal, comprising $145 000 cash and $25 000 'in kind' assistance.

In addition to raising the required funds, the Appeal also served to significantly heighten awareness among the public, business organisations and the media of the participation of people with disabilities in high performance sport. The considerable media coverage in Australia of the '88 Paralympics was also of great assistance in promoting sport for people with disabilities.

Activities Manual for Children with Disabilities

With the assistance of the 1988–89 DSP funding, development of an *AUSSIE SPORTS Activities Manual for Children with Disabilities* commenced. This manual, covering a range of disabilities and sports, will provide important resource material for people wishing to include the disabled in sporting activities in both integrated and special settings. Prior to this manual, there has been a dearth of information in this area and, in view of the interest already shown in the manual, the Commission believes it will be instrumental in increasing the number of children with disabilities participating in sport. In addition, in view of the manual's emphasis on modified sport, it will also be applicable to all ages of people with severe or recent disabilities.

Publication of the manual is expected during the 1989–90 financial year.

Other Issues

During the Commission's first year of the DSP, a number of issues in the disabled sport area were highlighted.

NSOD Revenue

While all national sporting organisations undergo a constant battle for funds, those catering for the disabled have unique difficulties in this area.

In view of the pensioner status of a reasonable proportion of their client group, NSODs often do not have the option of raising registration fees in order to increase their available funds. In addition, the low profile and low membership of disabled sport makes it difficult for NSODs to attract the corporate dollar. A further difficulty is the high training and travel costs of the disabled due to their need for escorts. For these reasons, NSODs rely heavily on government funding.

Australian Confederation of Sports for the Disabled (ACSD)

The ACSD is an umbrella body for sporting organisations catering for the disabled and currently has the membership of five out of nine NSODs funded by the Commission. The Commission considers that the ACSD is well placed to increase the profile and voice of disabled sport by coordinating the pooling of NSOD resources and expertise. However, to date, ACSD activities have not realised this potential and the Commission will, therefore, be encouraging the ACSD to take a stronger role in this area.

Salaries of NSOD Administrators

Under the 1988–89 DSP, a subsidy of $25 000 per year was able to be provided for NSOD administrator salaries. In view of the low income-generating capacity of NSODs, in most cases this amount represented the total salary paid. However, by current day standards, this salary level can impact on the professionalism of the administrators and the Commission will therefore be considering an increase in the salary subsidy in future years.

International Competition

The Commission is currently concerned that disabled sporting teams representing Australia at international competitions are often too large, in proportion to the pool of athletes, with the standards of some athletes being questionable. This leads to the situation where government funding of teams contributes only a small amount to each athlete's expenses and, therefore, some of the best athletes may be unable to attend for financial reasons. In view of this, the Commission will be reviewing selection criteria for teams applying for funding and will consider subsidising only the best athletes at a higher level.

AIS Scholarships

The Commission currently has no formal program which enables disabled athletes to be eligible for AIS scholarships although, in 1988–89, one blind athlete was on a scholarship through the National Sports Program. In

view of the Commission's objective to provide disabled athletes with similar entitlements to their able-bodied counterparts, consideration will be given to establishing a formal scholarship program for disabled athletes in 1989–90.

Other Sports Assistance

National Sports Facilities Program

This program provides funding, generally on a dollar-for-dollar basis with States and Territories, for the development of sports facilities of international standard throughout Australia.

Since 1984–85, $26 million has been allocated under the program and twenty-two sports facilities have been developed. Nineteen of these were completed prior to the current financial year. A further two were completed during 1988–89. The remaining project is expected to be completed in 1989–90.

The projects finished in 1988–89 (with the Commonwealth's financial contribution in brackets) are:

- Gymnastics Training Hall, Sleeman Complex, Queensland ($750 000)
- Squash Facility, Victoria ($120 000)

Community Recreation and Sports Facilities Program

The Commonwealth introduced the Community Recreation and Sports Facilities Program in 1988–89. This program will provide $13 million over a three-year period to assist State, Territory and local governments in the development of facilities. The program is administered by the Department of the Arts, Sport, the Environment, Tourism and Territories. The Policy and Planning Section has provided advice to the Minister's office on a number of applications for major sports facilities.

Sports Information

Databases to provide useful statistical and other data relating to sport and sports facilities are being developed.

Sports Data Survey

A questionnaire seeking information on 1987–88 expenditure, sponsorship, registrations and forthcoming international sporting events was circulated to 120 national sporting organisations in December 1988. A 70 per cent response rate has been achieved to date and data entered into a sports database.

Sports Facilities Publication

The first stage of the collection of information on national and international standard sports facilities located in Australia was completed. Information on 156 facilities was collected and a publication entitled *National and International Sports Facilities in Australia* was produced and

released in mid-April. Approximately 1500 copies were circulated to State and local governments, national sporting organisations, facility managers and architectural and construction industry peak bodies.

Financial Viability of Public Sports Facilities in Australia

This publication was released in July 1988. It was based on a study, managed by the Australian Sports Commission and undertaken by the Melbourne consultancy firm, Sach and Associates, on behalf of the Sport and Recreation Ministers' Council, of the financial viability and economic impact of public sport and recreation facilities in Australia. The publication has been circulated to national sporting organisations, State and Territory sports departments and local government authorities. The aim of the publication is to assist in improving the financial viability of publicly funded and operated sport and recreation facilities.

Sports Aid Foundation

Background

The Foundation was established by the Government to provide tax deductibility for donations to sporting organisations. The catalyst for the Foundation's creation was the 1987 America's Cup Challenge, however, the tax advantages which were available to the challenge syndicates are now available more generally to sport. To enable the Foundation to undertake this function, it has been established as a public company and is listed in Section 78A of the taxation legislation. It is governed by a Board of Directors comprising Ted Harris, Chairman, Herb Elliott, Kevan Gosper, Kerry Packer, Nicholas Whitlam and Jim Barry.

The Board has developed procedures for the receipt of donations by the Foundation.

Preferred donations are gifts received by the Foundation for which the donor indicates a preference as to show the donation could be used. The majority of preferred donations are received in the context of public fund raising appeals conducted by sporting organisations. While the terms of the Tax Assessment Act preclude donors from placing conditions on how donations should be allocated, the Board of Directors gives appropriate recognition to preferences.

General, or non-preferred donations, are donations received by the Foundation for which no preference is attached. These donations are transferred to the Commission to be used for the development of sport, with a recommendation on their allocation from the ASAF.

Registered organisations

The Foundation requires that sporting organisations be registered before they utilise the Foundation's tax advantages. This process is to verify the credentials of organisations using the Foundation.

At 30 June 1989, 100 sporting organisations including an additional eleven in 1988–89, had been approved for registration. The majority of registered organisations are national sporting bodies but State Associations and clubs can usually use the Foundation by co-operating with their governing national sporting body.

Approved Appeals

Registered organisations wishing to utilise the Foundation to conduct appeals must receive approval to do so. This is to ensure that the Foundation is used in a legitimate way. A total of eleven appeals were approved in 1988–89, including the 1990 Commonwealth Games Appeals, and the Olympics for Melbourne Appeal.

Funds received

In 1988–89 a total of $5.481m was donated to the Foundation, of which all but $250 was in the form of preferred donations. An amount of $4.852m was paid to the Commission with a recommendation that grants be paid to forty-two sporting organisations. This included a 1987–88 interest disbursement of $28 769.

The Foundation accrued $64 884 in interest in 1988–89.

Administration

The foundation is administered by Perry Crosswhite, director of Sports Development and Participation of the Australian Sports Commission who is the Foundation's company secretary, and one officer of the Commission. The accounting firm Price Waterhouse is employed to undertake much of the financial administration. The Foundation receives an administrative allocation from the Commission ($45 000 in 1987–88).

Summary and assessment

The Foundation's tax advantages provide an incentive for sporting organisations to seek assistance from the public and the busienss sector. Preferred donations received by the Foundation in 1988–89 were boosted by donations with a preference towards the Melbourne Olympic Bic. A feature of the year's activity was the increasing number of organisations seeking assistance for appeals to develop sporting activities. As the Foundation's activities become more widely publicised, it is anticipated that donations towards facility development will increase as a proportion of the Foundation's activity.

It is the Board of Directors' view that in order to attract general donations, the level of tax deductibility provided by the Foundation will need to be in excess of 100%. The Board of Directors approached the Government on this issue during 1988–89.

Sports Information Services

National Sport Information Centre

1988–89 saw the completion of the first full year of operation of the National Sport Information Centre (NSIC) which was established with the amalgamation of the Australian Institute of Sport and the Australian Sports Commission.

The NSIC is a program of the Australian Sports Commission which aims to function as a central point for the collection, documentation, coordination and dissemination of multi-media sport information to meet

the information needs of organisations and individuals involved in or responsible for the development of sport in Australia.

During 1988–89 the information needs of personnel within the Commission were served with an expanded collection of resources now covering all major sports and related subjects and the introduction of services aimed specifically at the information needs of each program of the Commission. In addition, with the assistance of an initiating grant, the NSIC has been able to commence a number of projects aimed at disseminating sport information to the wider community. Two consultant staff, appointed in September 1988, have undertaken the development and marketing of the services of the NSIC. A great deal of work has been done in the promotion of services; however, much remains to be done — but as always this is dependent on continued funding and staffing resources.

Information Services to Outside Users

Specific initiatives undertaken in 1988–89 to promote the services of the NSIC to outside users included the production of a general brochure on the NSIC, a poster advertising services, and advertisements placed in general and sport-specific magazines for the services of the NSIC. The services of the NSIC have also been actively promoted, with presentations by NSIC to conferences such as the Bicentennial Conference, on Physical Activity and the Australian Society for Sports History Annual Conference, and with the submission of articles on the NSIC to journals like the *ACPHER National Journal* and the *Coaching Director*.

In addition, the NSIC has developed a number of services designed to reach specific communities. For example, brochures have been produced on information services for track and field, swimming, netball, basketball, tennis, soccer and water polo, with brochures on other specific sports and particular topics such as sports medicine currently in production. Brochures and other general promotional material are distributed as widely as possible. Sport-specific information has been distributed to all accredited coaches with the approval of national coaching directors who support this initiative. General sports information has been distributed to all schools, libraries, tertiary institutions and sporting organisations. A community service announcement for television will be considered in 1989–90, together with the possible use of Telecom's Viatel and Teletext as information dissemination facilities.

A major project to encourage the dissemination of sport information to the outside community has been the establishment of a videotape lending library whereby the majority of the NSIC's collection of over 4000 videotapes can be borrowed by the sporting community. A brochure on this service has been produced together with a full loan catalogue. There are now seventy members of the videotape library.

Additional services being promoted to the community include the *Sports Journal Update*, the *Drug Documentation Bulletin* and the monthly sport and topic-specific listings of information on sports, for example cricket, cycling, swimming, as well as general topics such as sports nutrition and sports administration. Subscribers to each of these services are increasing and photocopy requests for articles based on these are expanding rapidly. The NSIC now services some 2500 requests for photocopies of articles generated by these services each month.

With the cooperation of the Canadian Sport Information Resource Centre, the NSIC has produced an Australian Sport Index for 1988 which documents all Australian publications indexed for the international database 'Sport' during 1988. This index will be produced annually and will be an invaluable research tool which will be promoted with the other publications of the NSIC including the *Guide to Commercially Available Videotapes, Guide to Information Resources on Australian Sports, Guide to Sports Collections in Australia* and the *Listing of Australian Sporting Periodicals*, all of which are being continuously updated.

The demand for information from the outside community continues to grow and is reflected in the fact that the NSIC answered some 1200 written requests for information in 1988–89 and has, since March, answered on average 300 telephone requests for information per month. It is the aim of the NSIC to continue to promote its resources and services to the widest-possible community.

Information Services to Internal Users

The NSIC continues to be an essential support service for the programs of the Australian Sports Commission, a fact which is supported by the increased use of services by staff located in Canberra and decentralised units, satellite coaches and postgraduate students, particularly in the area of sports science and medicine. 1988–89 saw a 20 per cent increase in the demand for interlibrary loans and a 30 per cent increase in requests for photocopies, which reflects the increased usage of the NSIC and speaks for the effectiveness of its current awareness services.

The NSIC continues to support the information requirements of decentralised units and in 1988–89 extended its services to the AIS rugby union units in Brisbane and Sydney, and the track and field unit in Melbourne.

The demand for on-line services by internal users increased by 10 per cent in 1988–89, and the NSIC continues to provide facilities and technical advice for the operation of the Sportscan on-line service offered by the National Sports Research Program. A compact disc read-only memory (CD ROM) facility, now installed in the NSIC, allows the searching of the SPORT database which has now been issued a CD ROM in-house, thus reducing on-line search costs and promoting access to information.

A cooperative information dissemination program has been developed by the NSIC with the anti-drugs campaign to produce the *Drug Documentation Bulletin*, a monthly current awareness service to alert the community to information on this subject. This cooperative project has also led to the development of an on-line database of information relevant to Drugs in Sport in the NSIC and will also lead to the publication of a full bibliography of articles relating to drugs in sport.

The audiovisual section of the NSIC continues to support the programs of the Commission with an expanded video collection, photographic services, new equipment for a number of sports and facilities and more comprehensive video-editing services with the employment of a part-time athlete.

In 1988–89 the audiovisual technician undertook two video production projects in cooperation with Australian Institute of Sport coaches, one with water polo which produced a referee instructional video and one

swimming which produced a videotape to promote the swimming program of the AIS. These productions indicate the potential for audiovisual work within the Commission. The expertise of the audiovisual area was recognised when Cliff Russell, the audiovisual technician of the NSIC, was awarded first prize in the Sports Photograph of the Year Award for 1988.

The Collection

The NSIC now has a collection of monographic, periodical and audiovisual materials which reflect all major sports. Major monographic and videotape resources held by decentralised units are now being duplicated in the central NSIC collection so that requests for information on all sports from internal and external users can be responded to in a timely manner.

A major project of the NSIC for 1988–89 has been the identification, collection and documentation of all Australian theses and dissertations on sport and physical education. This material is now indexed for the international database and also appears in the Australian Sport Index. This project ensures that this valuable resource material for sport, which was not previously documented, is at last accessible to the sporting community.

Another project undertaken has been the conversion of a large number of videotapes, held by the NSIC, from the USA NTSC television system to PAL, the Australian television system. This project will thus make accessible approximately 250 videotapes to the community, which previously could only be viewed in the NSIC.

Technical Services

1988–89 saw the upgrading of the NSIC automated library system with improved key-word searching and the release of the on-line catalogue to users on the Canberra site and the provision of dial-up access to the catalogue from decentralised units. All videotape material is now catalogued on to the LIBACC system and is able to be lent through the automated circulation system. A project has commenced to operate an audiovisual equipment loan system through the current automated loan system to provide better control of the equipment and a more efficient booking system.

In order to provide users with access to information about items on order through the on-line catalogue, the acquisitions module of the automated loan system has been implemented. Cataloguing of all material in the Hodsdon collection of historical material on track and field has now been completed, and this material is accessible nationally through the Australian Bibliographic Network and in-house through the NSIC's on-line catalogue.

Other welcome technical developments during 1988–89 have been the installation of a teletext facility which keeps users up to date with current sports results, and the installation of facsimile transmission services which greatly assists the NSIC in providing information with speed to its clients wherever they happen to be located.

Liaison with Other Organisations

In 1988–89 the NSIC has continued to foster cooperation with Australian and overseas sport information providers. In November 1988 the National Sport Information Centre organised a seminar on sport information services in Australia which attracted delegates from libraries, government and non-government sport agencies, educational institutions and national sporting organisations. Papers presented at the seminar addressed some of the major issues facing producers and consumers of sport information today, including the use of computers in the sporting environment, on-line systems such as Viatel and satellite communication technology including AUSSAT and its potential for sport. Proceedings of this seminar were produced and distributed to participants and other interested individuals.

The NSIC has continued to publish the *SportsInfo Newsletter* as a means of fostering communication between sport information providers, and its circulation list continues to expand.

In 1988 the NSIC became a member of GRATIS, a system whereby health and medical libraries cooperate for the free exchange of interlibrary loans. Membership of GRATIS by the NSIC will not only allow the NSIC to have wider access to information related to sport, particularly the sports science and medicine area, but will also ensure that the NSIC's holdings of sports science and medicine information are more widely publicised and accessed by the community through other libraries.

Cooperation with the Canadian Sport Information Resource Centre has continued and, through the indexing efforts of the NSIC, Australia is now the country contributing the most data to the international database for sport, 'SPORT'. An extensive publication exchange program has been initiated between Australia and Canada as part of the cooperative agreement.

Aware of the sport information needs of the Oceania Region through the results of a survey conducted on behalf of the International Association for Sport Information, the NSIC has put forward a proposal for the development of information services for the Oceania Region which is currently being considered by the Oceania Olympic Committee.

In May the manager of the NSIC attended the executive committee meeting of the International Asssociation for Sport Information (IASI) in Papendal, the Netherlands, and presented papers on the development of sport information services in Australia and the Oceania Region. Australia has subsequently been asked to join the executive committee of the International Association for Sport Information as a permanent member of that committee, with the manager of the NSIC now a vice president of IASI.

Future Development

The NSIC is an important support service to the programs of the Australian Sports Commission and is an important service to the Australian community. In the forthcoming year a greater effort will be placed on marketing the services of the NSIC through traditional print and electronic means. The NSIC will also continue to work cooperatively with other sport information providers in Australia and overseas to ensure

that the best use of resources is made and so that all Australians have access to an accurate and timely information service.

Publications

During the year, the Publications Section coordinated work for the production of brochures, newsletters, books, posters and a video, as well as undertaking particular ad hoc tasks for the Commission and its programs. Other tasks related to publications were also undertaken, writing, layout, design and typesetting becoming major workloads for the team.

Staff numbers decreased during the year, with the full-time editor of *Excel* being reduced to a part-time position. This has resulted in reduced writing support for the other two publications staff and considerable pressure on the *Excel* editor. Nevertheless, sports bulletins have been produced on a regular basis, being written and 'desk-top' typeset in-house. These included *SportsChat*, *SportsInfo* and an athletics bulletin. Intermittent issues of a staff bulletin have also been written, typeset and printed. Resources limit the amount of work which can be done in this area.

With the introduction of 'Page Maker' typesetting software, publications staff have managed to meet some of the large demand for forms, covers and brochures. The forms have included travel diaries, personnel and library forms, and drug testing forms. Brochures on programs and aspects of Commission activities have also been produced. Entire books have been 'desk-topped' in-house — including a text on physiology and sports psychology. Covers and related material for the Commission and the National Sport Information Centre have been supplied on a regular basis.

Assistant publications manager, Guy Miklenda, added to his skills as a typesetting virtuoso on the computer by undertaking the production of a video for the Sports Science and Medicine area. In addition to its organisation, he also wrote the script of the production and assisted the director of Impact Productions in filming. Assistance was also provided to the Australian Coaching Council to produce guidelines for the physiological assessment of the elite athlete. The Australian Sports Medicine Federation also released its first set of safety guidelines for children's sport, a project which had the organisational, funding and negotiating support of the Commission.

Numerous brochures, including those for specific Institute sports, have been printed. Special-purpose brochures including a series for the National Sport Information Centre, others for the Sports Development Program and some for sports camps have added to the section's output during the year.

For 1987–88 two annual reports were required, one for the then Australian Sports Commission and one for the Australian Institute of Sport. In addition a promotional version, *Commonwealth Assistance to Australian Sport 1987–88*, was produced with the assistance of the Australian Government Publishing Service (AGPS). The Design Section of AGPS provided brilliant service for this, and other, material. The

promotional version left out the financial statements and the formal material required by statute for the annual reports but added colour and duotone photographs to their general information.

Elite Sports Assistance

National Sports Program

The National Sports Program (NSP), formerly the National Training Centre Program, was initiated by the AIS in 1982. The NSP is not only for the benefit of those sports involved in an AIS residential sports program. It also seeks to provide an opportunity for Australia's national sporting organisations to access, and benefit from, the high standard facilities and expertise available at the Institute.

Camps conducted under the auspices of the NSP are usually held at the Institute in Canberra, but may also be held at the Institute's regional facilities in Perth, Adelaide and Brisbane or, where it is not practicable to hold them at one of those locations, other approved locations. The nature of these camps can vary considerably. The most common purposes include national team training, preparation for major competition, talent identification and development, and technical seminars for coaches, judges and referees. The length of these camps usually varies from five days to two weeks.

National sporting organisations and camp participants normally have to pay for the cost of items such as air travel, accommodation, ground transport and other camp costs. Some financial assistance is available under the program and, where possible, up to 50 per cent of the cost of air fares, accommodation and ground transport will be covered by way of a grant under the program. All national sporting organisations conducting camps may apply for financial assistance. Priority is given to the higher-profile Olympic sports and to national teams in preparation for world championships and major international competition. In 1988–89, over fifty national sporting organisations, conducting some 105 training camps, received assistance totalling $539 000. The average level of assistance provided by way of grants under the NSP represented approximately 30 per cent of total camp costs.

A feature of the NSP in 1988–89 was the pre-departure assembly held at the AIS in Canberra for the Australian Olympic team, competing at Seoul. The assembly was used for the fitting and distribution of team uniforms, for final instruction from team management, as an opportunity for team members to meet and get to know one another, and for final training and instructions for some sports.

In addition to providing financial assistance for the conduct of the camps, the AIS also provides its own facilities and some specialist sports science staff at no charge. Use of Institute facilities and consultation with specialist staff complements and supplements visiting teams' established training programs. Consultation can include sports psychology, nutrition, sports injury prevention, fitness profile evaluation and biomechanical assessment. Coaching seminars — conducted under the guidance of the

Australian Coaching Council and the sport's national coaching director, and designed to help coaches achieve increased levels under the National Coaching Accreditation Scheme — are also a regular feature of NSP camps.

The ANZ Group is the major sponsor of the NSP. In addition to direct financial support the ANZ offers ANZ Youth Sport Scholarships to promising athletes under twenty-one years of age attending the camps. The ANZ also provides carry bags and shirts for all participants involved in NSP camps.

ANZ Youth Sport Scholarships

ANZ Youth Sport Scholarships were awarded to twenty-three athletes participating in individual and team sports ranging from amputees to women's hockey.

The scholarships are offered to athletes up to the age of twenty-one years who attend camps conducted under the National Sports Program.

Athletes are selected by the coaches or managers of the sport at the camp, on the basis of skill, fitness, motivation and overall attitude displayed at the camp. The aim of the scholarship is to assist selected athletes to further their sporting careers, by defraying some of the costs associated with elite sports participation, such as travel to interstate and international competition, coaching, and the purchase of training and competition equipment.

Sports Talent Encouragement Plan

- Grants to elite athletes and teams
- Grants to elite athletes and teams with disabilities

Athletes and Teams

The Sports Talent Encouragement Plan (STEP) provides financial assistance by way of cash grants to Australian sportsmen, women and teams who have attained a high level of achievement in international competition. For individuals, an open-age international ranking in the top fifteen is required and in the top ten for team sports. Grants assist to offset costs associated with training and competition, and apply to a calendar year.

In 1988 grants totalling $625 100 were awarded to 133 individuals and fourteen teams.

In 1989, following the outstanding performances by Australian athletes and teams at the 1988 Olympic Games in Seoul, South Korea, the number of athletes and teams eligible for assistance was greater than in the previous year, with applications received from 197 individuals and twenty-three teams. While all applications did not meet the eligibility criteria, it was also not possible to fund all eligible applicants from the funds available, if grants were to be maintained at a realistic level. Funds available for able-bodied STEP grants in 1989 were $585 500. Of this, an amount of $540 500 was provided to support forty-seven athletes and fifteen teams.

The balance of $45 000 was set aside for Australian Swimming Incorporated to distribute to Australia's top swimmers under a new incentive scheme where grants are awarded to a swimmer for obtaining a current top-fifteen world time.

Athletes and Teams with Disabilities

A total of $70 000 was available for the grant of awards in 1989 to Australia's top athletes and teams with disabilities. The grant of an award requires a current open-age world ranking in the top fifteen, although the level of funding available means that only those with a ranking in the top five could realistically be considered for a grant. Rankings were based on results from the 1988 Paralympics held in Seoul, South Korea, or from the most recent world championships for the disability group and sport. A total of fifty-five applications were recommended for grants. The STEP grants scheme for athletes with disabilities is a refinement of the National Disabled Athlete Award Scheme, also operated on a calendar-year basis, but discontinued after 1987 in favour of block grants to national sporting organisations for the disabled, from which assistance to elite athletes could be provided.

Coaching

Institute Network

The Institute's scheme to assist the development of coaches of elite athletes and teams includes the following elements:

- AIS Elite Coaching Assistance Grants — this scheme is an integration of a pilot program for the Sports Talent Encouragement Plan for coaches and the AIS Satellite Coaches Program which operated in 1988. The grants scheme also encompasses a pilot project of assistance for elite swimming coaches.

  The new scheme was introduced for 1989. It resulted from a decision by the Australian Sports Commission and Australian Institute of Sport Standing Committee on Elite Sports Development, at its meeting on 25 January 1989. It was there determined that the level and type of assistance to coaches should depend on the type of coaching network required by the national sporting organisation, in consultation with the Institute and its residential sports.
- 1989 AIS Elite Coaching Assistance Grants to Swimming Coaches — the AIS, in conjunction with Australian Swimming Incorporated, established a pilot project to assist in the development of swim coaching at the elite level. Under this project, eight coaches of elite swimmers will receive grants of $10 000 for 1989 to assist their programs. The intention of the grants is to allow these coaches to concentrate their efforts more fully on producing world-ranked swimmers and to increase their own coaching skills.

  Details of coaches assisted under the STEP-Coaching Assistance Grants Scheme in 1988 are shown in the 1987–88 Annual Report of the Institute.

- Coaching Scholarships — for the dual purpose of supporting the coaching programs of its residential sports and to assist in the development of future generations of elite coaches, the AIS offers a small number of coaching scholarships to developing coaches who are interested in careers involving the development of elite athletes. Two coaches currently employed at the Institute have completed the Coaching Scholarship Program. They are Phil Brown (women's basketball) and Val Beddoe (diving).

The program provides selected coaches with the opportunity to work under the tutelage and direction of an AIS head coach and with the elite athletes in the sport's residential program. An objective of the scholarship is that the coach will be able to upgrade his or her current coaching qualifications under the Australian Coaching Council's National Coaching Accreditation Scheme.

Track and Field	Mr Ken Lorraway Mr Bill Larsen
Swimming	Mr Steven Hill Mr Peter Willis
Gymnastics	Ms Debbie Graham Mr David Hardman
Hockey — men	Mr Peter Freitag Mr Frank Murray
Water Polo	Mr Andrew Kerr

Coaching Seminars

Recognising that education and information-sharing play a prominent role in coaching development, many of the residential sports programs at the AIS have conducted seminars for coaches. The seminars are devised in consultation with the respective national sporting organisations with regard to content, participants and funding. Seminars organised in 1988–89 included:

Sport	Seminar	Date
Basketball	Elite Coaches Workshop	25–29 Jan.
Cycling	High-performance Coaches Course featuring Heiko Zalzwegel and Gerhard Voss, President and Cycling Coach of the GDR Cycling Association respectively	23–30 April
Gymnastics	Elite Coaches Course featuring Zhang Zian, Head Coach of China 1980–85	25–27 March

Hockey (M)	Coaching Seminar for Category B Coaches	10–13 Nov.
Hockey (W)	Coaching Seminar 'Why we won Gold'	4–6 March
	Satellite Coaching Development Seminar	18–20 May
Rowing	Nat'l Coaches Conference	12–14 May
Swimming	'Coaching Odyssey'	15–18 June
Tennis	State Coaches Conference	February
Track & Field	Elite Athletic Coaches Conference	27–28 Jan.
Water Polo	Elite Coaches Seminar	23–28 April

The highlight of many of the seminars that were run was the availability of world-class coaches from overseas who were willing to participate and share their knowledge with Australia's coaches. Negotiations are currently under way to bring other world-renowned coaches to Australia to present information and to pass on their knowledge at future seminars.

Athlete Education and Welfare

The halls of residence can accommodate over 300 people at any one time. During 1988 there was an average of 175 scholarship athletes in residence. This figure was 150 throughout 1989. The balance of the accommodation was used by visiting athletes, parents of scholarship holders and other visitors. At most times during the year, athletes involved in camps conducted under the National Sports Program are also in residence, although they do not come under the control of the education and welfare services.

The halls of residence are comprised of twenty-one blocks, each containing twelve single rooms and one self-contained flat. The flats are used by married athletes, house parents, other staff members and visitors. Throughout 1989 sixteen of these blocks accommodated scholarship athletes and the remaining five were used for visiting athletes and other casual guests.

The tutors live in the blocks with the scholarship athletes and, in most cases, there is a female tutor in blocks of female athletes and a male tutor in the male blocks.

Athlete Education

Athletes attending the Institute are encouraged and assisted in continuing their studies.

In 1988-89, 133 athletes were enrolled in educational courses at primary, secondary and tertiary levels. The following table provides a breakdown of athletes undertaking studies as at 30 June 1989:

Primary	5
Secondary	
High School (years 7 to 10)	10
Secondary College (years 11 and 12)	57
Tertiary	
Australian National University	8
Canberra College of Advanced Education	27
Canberra Institute of the Arts	2
Signadou College of Education	4
External Studies	3
ACT Institute of TAFE	17
TOTAL	133

Athletes in years 11 and 12 attend Lake Ginninderra College, a nearby government secondary college, which not only offers a wide range of academic courses but also gives athletes recognition and credit for their AIS training and participation. The college's AIS Sports Program was developed jointly by its staff and Institute coaches.

Athletes undertaking tertiary studies are enrolled in a variety of disciplines. At the ANU, for example, athletes pursue studies in Economics, Commerce, Arts/Law, Science and Linguistics, while at CCAE they are undertaking studies in Sports Administration, Sports Coaching, Banking and Finance, Accounting, Education, Applied Science, Communications, Engineering, and Environmental Design.

The ACT Institute of TAFE has attracted athletes into courses such as Fitness Leaders, Health, Fitness and Recreation Instructors, Business Management, Business Accounting and Finance, Graphic Design, Interior Design, Computing, Electrical Trades, Typewriting, Real Estate Sales, and Hospitality.

Tutorial Assistance

During 1988-89 the educational tutorial system has been upgraded. In addition to tutors monitoring athlete study and assisting with problems, services now include improved tutoring in mathematics and access to computing. This has involved establishing an education centre which houses a computer, and which is staffed by mathematics and computing specialists four nights each week.

Significant Activities During the Year

Early 1989 saw the establishment of a junior lounge. This was set up to provide under-18 year olds with a place they could go to relax, make themselves some toast and sit around talking or watching television. This room is supervised by the house parents.

The Education Centre was set up late in 1988 where athletes can use the computer, study in private carrels, obtain specialised tutoring in Maths, Physics and Computing and use the encyclopaedias and

textbooks. Special days like Easter, Anzac Day, and Queen's Birthday are marked appropriately. Athletes made chocolate eggs at Easter, Anzac biscuits on Anzac Day and there was a huge bonfire with fireworks and toasted marshmallows on 12 June.

Activities of Scholarship Athletes in Residence

Most athletes train twice daily. The first session is usually early in the morning, before breakfast. This twice-daily routine tends to apply regardless of whether the athlete is involved in an individual or team sport. During weekdays the athletes are at school, CAE, University or at work until about 4 p.m. when they report for another training session.

Evenings are very busy times for those athletes who are students because they are expected to be in their rooms studying for at least two hours on four nights each week. For those not studying there are ample televisions and videos, plus a recreation room with pool and table tennis facilities.

House parents and tutors are very aware of the problems of boredom and homesickness, and recreational activities are very important, particularly on weekends. The tutors organise an average of three special activities each week such as cooking, quiz nights, talent quests, day and overnight trips to the coast or the snowfields, theatre trips, music lessons, restaurant parties, barbecues, trips to the football, recreational games and so on. In addition other activities are organised by house parents, coaches and the athletes themselves. Facilities include an electronic keyboard and guitars for the musically talented, or those wishing to learn. Singalongs around the keyboard are popular. The fact that two of the house parents are music teachers makes these very attractive occasions. There are also many table games which are available for athletes to borrow and there is a store of sleeping bags, mats and caving equipment for use on camping trips away.

Publications

(a) ***Athlete Handbook***

The Elite Sports Program Section produces an *Athlete Handbook* to provide scholarship athletes with information about the Commission and Institute, their privileges and responsibilities, education and life in the Halls of Residence.

Copies of the *Athlete Handbook* are given to all scholarship athletes and the parents of all under-18 year olds are also sent copies in the mail. Five hundred copies were produced in 1989.

(b) ***Ressies Rag***

The tutors coordinate the production of a residence newspaper entitled the *Ressies Rag*, generally on a monthly basis. This is a small in-house publication containing reports from each of the resident sports and whatever else of interest that can be collected from residents — cartoons, jokes, quizzes, poetry and drawings. One hundred copies are produced each month and distributed amongst the athletes.

Sports Science and Sports Medicine Centre

In all, 1988 and 1989 marks a most significant time for the Australian Institute of Sport. Through this time the Australian Sports Commission and the Australian Institute of Sport were merged to form one new body and a Senate Inquiry into Drugs in Sport concentrated most of its efforts on the activities of the Australian Institute of Sport from its inception in 1981. Both these events have attracted much attention in all the media. Some good has come of all this and a new page in the history of this institution is being written. There is a feeling of optimism that is starting to emerge and it is into this optimism that the professionals who work in the Sports Science and Sports Medicine Centre are putting all their efforts.

Sports Medicine

The Seoul Olympics were a high point for Sports Medicine staff, with physiotherapist Craig Purdam, masseur Barry Cooper, nursing sister Susan Beasley, and Dr Peter Fricker all being appointed to the Australian Olympic team. All the medical examinations were done at the Australian Institute of Sport for the Olympic team, and this proved to be a very efficient exercise which contributed enormously to the harmony of the Australian team as they competed in Seoul.

1989 saw the departure of Dr Ken Maguire, who was the original medical officer to the Australian Institute of Sport. Dr Maguire has returned to Perth, his home town, to take up duties as medical director of a private health services company which is very active in sports medicine. The Sports Medicine Unit and the Australian Institute of Sport owe Ken Maguire a large vote of thanks for his enormous contribution to the development of sports medicine at the AIS and to his enthusiastic work with athletes, coaches and administrators over the years of his involvement since 1982.

Dr Rob Reid has been appointed to Sports Medicine on a full-time basis. Dr Reid has a background in sports medicine, stress testing and cardiac rehabilitation, and general practice. He came to us from the United Kingdom where he had been involved in practice, having obtained a Postgraduate Diploma in Sports Medicine from The London Hospital.

Consultants to the Sports Medicine Unit, Vicki Deakin (nutritionist), Dr Lee O'Neill (dentist) and Ian Copeland PhD (research officer) have also continued to provide first-class services and have worked beyond any remuneration provided. The Sports Medicine Unit is grateful for their commitment and dedication.

Coordination of sports medicine services around the country has extended to involve the canoeing and kayaking program on the Gold Coast in Queensland, the gymnastics program in Brisbane, track and field athletics in Melbourne and the rugby union programs in Brisbane, Sydney and Canberra. This exercise has involved more physiotherapists and doctors with the Australian Institute of Sport and is a very positive step in establishing, via a network of medical services, a profile for sports medicine at the AIS.

Dr Ros Carbon and Dr Andrew Garnham were the two holders of the Ciba-Geigy Sports Medicine Fellowship in Sports Medicine for 1988 and

1989, and Tracey Jukes was awarded the Sports Medicine Postgraduate Scholarship in Physiotherapy for 1989. These programs are proving to be very valuable in providing an opportunity for applied research and teaching, together with useful clinical experience which enhances professional expertise. The Sports Medicine Unit has maintained its commitment to teaching programs at undergraduate and postgraduate level in the areas of physiotherapy, medicine and nursing. Applied research has also been active and several papers have been published over the past twelve months.

Numerous visitors to the Australian Institute of Sport have included Dr Per Renstrom from Sweden, a sports medicine and science delegation from China, and Dr Richard Strauss from the USA.

Contributions have been made by Sports Medicine staff over the year to the Sports Science and Sports Medicine publication, *Excel*. This is undergoing review with respect to becoming a self-supporting journal at the end of 1989. It is hoped that *Excel* will continue to provide a profile for sports science and sports medicine at the AIS by virtue of its function as a vehicle for communication of applied research from the AIS to the sporting community at large, both nationally and internationally.

The Senate Inquiry into Drugs in Sport has produced several effects. Firstly, the bureaucratic procedures that must be adhered to have become more and more evident. Secondly, the exercise of random dope testing has been formally handed over to the Drugs in Sport Program headed by Mr Steve Haynes and chaired by Dr Brian Corrigan. This provides for an external operation of this program and frees Sports Medicine staff from involvement. Whilst there were several criticisms of Sports Medicine staff in the Senate Inquiry preliminary report, the Board of the Australian Institute of Sport, and more recently the Commissioners of the Australian Sports Commission, have expressed support of Sports Medicine staff which is most appropriate and reassuring.

For the future, Sports Medicine will strive to maintain a quality service to coaches and athletes. Whilst we are working under the pressures of a tight economy, we hope that athletes will receive nothing but the best and as much service as they need to attain their personal bests.

Sports Physiotherapy and Massage Unit

The unit continues to provide primary treatment and rehabilitation to all AIS scholarship holders and national representatives as well as undertaking preventative programs for these athletes and National Sports Program participants. This included the unit playing host to a number of Australian representatives who visited Canberra for intensive treatment of a variety of problems.

The Sports Physiotherapy and Massage Unit continues to have a large number of undergraduate physiotherapy and massage students attending the unit for clinical experience. Further to this, 1989 saw the beginning of what we hope will be a strengthening trend to clinical placements for postgraduate physiotherapy students, these being from Lincoln Institute of Health Sciences (Victoria).

The year also saw the appointment of our inaugural postgraduate scholarship holder in sports physiotherapy, Ms Tracey Jukes. This is a

one-year position in which the holder lives in and is involved in both clinical practice and applied research. This has proved a very successful exercise, which will continue to be a very rewarding period for the scholarship holder. The AIS Sports Physiotherapy and Massage Unit continued to provide support to national teams and individuals travelling to major international sporting events. The highlight of this year was the involvement of the unit in providing pre-competition support, screening and event coverage for the 1988 Seoul Olympics. Although not all unit members attended the games, all contributed greatly to the preparation of our Olympians and were justifiably proud of their performances.

Henry Wajswelner completed his postgraduate diploma in manipulative therapy in 1988 and returned to the unit at the end of that year. Peter Stanton is currently undertaking a part-time master's program in sports physiotherapy at Cumberland College of Health Sciences and will continue this over the next three years. The unit is indebted to Mr Peter Blanch and Ms Libby Fardy who provided a very high standard of locum services during Henry Wajswelner's absence.

Ongoing applied research through this year included the following:

- investigation of the cervical neuromeningeal component in swimmers with shoulder problems;
- the effect of acupuncture on lung function;
- the effect of neural stretching technique on peripheral blood flow assessed with thermographic imaging;
- the effect of lumbar spine massage on peripheral blood flow assessed with thermographic imaging;
- the effect of variation of drop squat conditions on the eccentric loading of the patellar tendon mechanism;
- the effect of neural stretching technique on isokinetic muscle strength of the hamstring muscle group; and
- the effect of therapeutic massage versus physiotherapy modalities on interstitial compartment pressures.

Physiology and Applied Nutrition

1988–89 was a busy and rewarding year for the Department of Physiology and Applied Nutrition. The department's philosophy is that all work is now regarded as applied research. Even the work previously regarded as routine monitoring is organised in such a way that it is capable of being 'written up' so that we can glean new information for the coaches.

A corollary of the above position is that if the work cannot be systematically documented as a minor study, then its value must be questioned. Even the taking of skinfolds can be related to diet and training effects and can be a learning experience for us all.

We have been very fortunate to have two year-long visitors to our department in Debbie Kerr and Julie Halbert. They are both postgraduate scholarship holders and have helped our program immensely. Deborah is a qualified dietitian and has a master's degree in kinesiology from Simon Fraser University. A large portion of her time has been devoted to the AIS swim team, which has involved individual dietary assessment and counselling, group nutrition education and ongoing body composition monitoring. A ten-day pre-competition meal plan was trialled with the Canada Cup team.

Julie Halbert, from the South Australian College of Advanced Education (Underdale campus), is a postgraduate scholar. Julie has worked tirelessly in the laboratory and field assessments of athletes and is contributing extremely well to several research projects.

Sports

Swimming

Extensive testing of the swimmers, both in the laboratory and at the poolside, continued in 1989. Laboratory testing included routine blood checks, anthropometric measures, and general (bicycle ergometer) and specific (swimbench) power and endurance measures. Results of this testing have been used to provide a framework for future work in the talent development and identification areas. At the poolside, routine monitoring of heart rates and blood lactate levels during training for the categorisation of training sets, as well as periodic blood lactate/velocity curves, were used to monitor the progress of the swimmers.

Frequent consultation with swim coaches has occurred to provide interpretations of test results from which coaches make their decisions on future program design.

Rowing

Extensive physiological monitoring was carried out during the past year. In addition to regular measurements of maximum oxygen uptake and associated respiratory parameters, an attempt was made to develop tests which more accurately reflected changes in rowing performance. For much of the year, weekly measurements were made of heart rate and lactate responses to standard submaximal workloads on a rowing ergometer. One-minute power outputs on the ergometer were also measured weekly and, for the women, muscular endurance tests (performed in the weights room) were developed and conducted on a regular basis. Blood lactates were measured after these tests and, on one occasion, electromyography was carried out during the tests. Training-induced changes in the oxygen cost associated with ergometer rowing at a set workload were investigated, and we are keen to carry out further work in this area during the coming year.

As in previous years, frequent discussions were held with the rowing coaches concerning the implications of test results with regard to the planning of training programs. Our staff again carried out tests in Victorian and South Australian schools to assist the rowing coaches in selecting rowers for the very successful AIS Junior Women's Program.

Netball

More work was carried out with netball than in any previous year. Members of both the AIS and the Australian netball teams underwent simple physiological tests on several separate occasions. The tests served initially to highlight areas of strength and weakness in individual players, and provided the coaches with a basis for development of appropriate training programs. Later tests (some of which were conducted interstate)

allowed monitoring of the improvements gained through training, and proved quite motivational to the players. The coaches felt that the testing program contributed to a general improvement in the standards of fitness exhibited by elite Australian netball players. Certainly, it has provided us with a clearer understanding of the physiological requirements for success in netball.

Water Polo

In response to a request from the water polo coaches, a study was carried out to assess the extent of cumulative fatigue shown by players after several successive days of match play. Members of the AIS water polo squad performed a series of laboratory tests three days before, and the day immediately after, participation in an intensive training camp. Some local water polo players were also assessed at about the same times, but did not take part in the camp. The results showed that the AIS players performed significantly worse on some of the power tests after the camp, while the local players showed little change from the first to the second series of tests. It was clear that, faced with a need to play matches on several successive days (as often occurs during major tournaments), the players had difficulties with recovery. Discussions were held with one of the water polo coaches, concerning the mechanisms of fatigue and the training procedures which may assist in its inhibition.

Soccer

A series of tests conducted since the beginning of the 1989 season has demonstrated that the team has made considerable gains in power and speed. This is partly due to the work being done in the gym with weights, an aspect of training which has received greater emphasis than in previous years. Building on the work done with the AIS squad of 1987, it is intended to conduct intensive testing of the current group to determine the characteristics of the potentially top-class player and to look also at the effect of fatigue on work rate, skill and decision-making ability. This may be of particular benefit as soccer coaches have declared an interest in talent identification.

Rugby Union

The ACT players of the AIS rugby union squad were tested for the first time in 1989. As players were also tested in laboratories in Brisbane and Sydney, it was of particular importance that standardised testing procedures were followed so that accurate comparisons could be made. As with soccer, much still remains to be learned about the requirements of the different team positions in rugby union for physiological characteristics such as aerobic capacity, speed, strength and power. Proposed collaboration with Loughborough (College University), who have already done work with English players, should increase our knowledge of these requirements.

Distance Runners

A treadmill test for efficiency of running, together with heart rate and lactic acid response to various running speeds, was carried out. The results assist the coach to detect changes in running fitness at different stages of the program, which in turn assists in the ongoing planning of the program. Applied nutritional work is also ongoing with the runners, especially in preparation for marathon events.

Work with National Sports Program Athletes

Extensive laboratory and field testing was conducted with cross-country skiing, biathlon, marathon kayaking and canoeing, white-water kayaking and canoeing, ice skating, and ice dancing. New sports-specific testing protocols were developed for white-water kayaking.

Some work (nutrition talks, training discussions, skinfold measurements, demonstration of weight training activities or flexibility exercises, measurement of skinfolds, simple bicycle ergometer testing) was carried out with many other training camps, including alpine skiing, women's golf, and synchronised swimming.

Other Laboratory Work

The staff of the department assisted in the collection of physiological data associated with the work of the Biomechanics Department on the pedalling efficiency of cyclists. They also assisted in a project conducted by a sports studies student from the Canberra College of Advanced Education regarding the effects of pre-test cooling on performance in a rowing ergometer test conducted under hot conditions. This project was carried out in our environmental chamber. In addition, assistance was given to staff of the Tennis Unit in developing and administering laboratory and field tests. Some members of our department were involved in the screening of Olympic athletes and officials prior to their departure for Seoul.

Consultative Work with other Elite Athletes and Coaches

Many elite athletes contacted members of our department privately for advice concerning training programs. These athletes included representatives of speed skating, surfboard riding and cycling.

A service has also been provided to answer queries from outside coaches who call or write with questions relating to training and nutrition.

Applied Research

Rowing Talent Identification Study

Dr Allen Hahn is the project director for this study which is being supported through the National Applied Sports Research Program.

Following on from work carried out with elite rowers last year, our staff (in conjunction with staff of the Rowing Unit) conducted tests on approximately 500 secondary school students in the Canberra region, with the aim of finding young people with the physical characteristics and capabilities associated with success in rowing. Eventually, twelve girls and twelve boys were invited to join a special squad to train under the supervision of expert coaches. Only one member of this group had any previous experience with rowing.

The squad has been training up to ten times per week since November 1988, using facilities and equipment provided by Canberra Rowing Club. Already, some outstanding results have been achieved, including a NSW championship in the junior women's quad scull. After only six months of rowing, one of the girls represented Australia as a member of the junior women's four which defeated New Zealand in the 1989 trans-Tasman test series. Recently, both the girls and the boys have won local races against senior crews. It is hoped that several members of the squad will be able to reach the finals of the national junior championships in March 1990.

The program has aroused considerable general interest and is providing a model for introduction of talent identification schemes in other parts of Australia and other sports. More work is needed to refine the talent identification process, but this will depend on the availability of funding.

Iron Study

Dr Richard Telford is the project director for the work which has continued on the investigation of the difficulties that many athletes experience with iron deficiency. In 1988 a grant was obtained from the Australian Meat and Livestock Research and Development Corporation which provided a full-time research assistant, Mr Bon Gray. He and a work-experience student from Swinburne Institute of Technology, Mr Chris Bunney, combined to carry out testing. The project has contributed to the bank of knowledge on interpretation of blood tests to the extent that most athletes' problems are rectified much more quickly than before. We thank consultant dietitian, Vicki Deakin, for her continued help in this project, together with visiting dietitian and sports scientist, Deborah Kerr.

Immune System Studies

AIS project coordinator for these studies is Dr R. Telford. The collaborative work with Dr M. Weidemann of the Department of Biochemistry, ANU and PhD student, John Smith, is continuing to bear extremely interesting results. We have found that steady aerobic exercise tends to benefit our athletes' immune response, but that intense exercise may depress the activity of our white cells. The results have implications for athletes in training who strive to train at their most intense level, but must avoid ill health. The work is being combined with our studies of vitamins and minerals as several of the micronutrients play key roles in immune response.

Blood Study

Project director for this study is Dr R. Telford. Scientific papers are being prepared on the year-long vitamin and mineral study. Whilst little evidence has been forthcoming as to the assistance of taking vitamins and minerals to help competition performance, there was considerable evidence that taking supplements helps prevent 'preclinical' blood indicators of low vitamin and mineral status. Vitamin and mineral blood nutritional status was used to good advantage before the Olympic Games where some of our most successful athletes had suspected biochemical deficiencies corrected before Seoul. The project was supported by an Australian Sports Research Program grant and products were supplied by AIS sponsor, Vitaglow Pty Ltd. Statistical assistance was provided by Dr E. Catchpole of Australian Defence Force Academy, University of NSW, and Dr A. Plank.

Photo-anthropometry

The project director for this work is Philippa Pang. In the past, manual anthropometry methods have been used to determine various body dimensions. A major drawback of the method is the substantial time commitment required of the athlete during landmarking and, particularly, measurement. We have been trialling a photo method which only requires five minutes of the athlete's time.

The photo-anthropometry method involves:

- drawing landmarks on the athlete;
- photographing the front, side and rear aspects of the athlete; and
- measuring the distances between landmarks from projected slides using a digitising (computer measuring) technique.

This photo-anthropometry method has proved especially useful for measuring limb lengths. For this reason, photo-anthropometry was incorporated in the Rowing Talent Identification Study.

Other Departmental Activities

The Department, through its Head of Department, Dr Telford, was active in community assistance, where time allowed, and in delivering papers to conferences. Examples of these were:

- Cumberland College of Health Sciences — member of External Advisory Committee, Exercise and Sports Sciences
- Canberra College of Advanced Education — member of Human Nutrition Accreditation Panel for Graduate Diploma in Applied Science
- Malaysian Sports Council — invited lecturer in seminars on sports science
- Elite Coaches Seminar, Canberra 1988 — invited speaker on sports nutrition
- Footscray Institute of Technology, Bicentennary Conference — invited speaker on sports science

- South Australian branch, Australian Institute of Food Science and Technology Limited — invited speaker, annual general meeting
- Barwon branch, Australian Sports Medicine Federation — invited speaker on Olympic preparation of athletes.

Dr Telford also represented the Department as physiologist for the Olympic swimming team and was personal coach to three track athletes, including silver medallist, Lisa Martin.

The Head of Department is also active in his role with Dr Fricker, as co-editor of *Excel*, a publication that is now being appreciated by practitioners and students Australia-wide as well as overseas.

In April and May Dr Telford took recreation leave for six weeks during which time he visited several sports institutions and laboratories in the UK, Europe and the US. The tour was of great assistance to several of our studies and was in part funded by the Iron Study. In particular, collaborative work with Loughborough University in football is likely to proceed, and support from Pharmaton, a Swiss-based company, will be forthcoming for a future study.

Dr Telford has accepted a position as chairman, ACT Sports Academy, which facilitates cooperation of the Sports Commission with the Sports Assistance Schemes to ACT athletes.

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Sport Psychology Unit

The Sport Psychology Unit is headed by Jeffery Bond who is assisted by Brian Miller (until December 1988) and Chris Horsley. In 1989 the Sport Psychology staff was increased by the appointment of consultants Ian Lynagh and John Crampton. The decentralised units employed sport psychologists Graham Winter and Kathy Martin (Adelaide) and Ian Lynagh (Brisbane). Staff who have very capably assisted the work of the sport psychologists have included Phil Brown (1988) and Brian McConnel (1989) and graduate students Ann Quinn, Bobbie-Jean Taylor and Mark Spargo.

The AIS sport psychology team work in the area of the enhancement of athletic performance through psychological skills training and are, in addition, responsible for the psychological welfare of individual athletes and coaches. The sport psychologists are involved in educational training

and profiling, not only of residential sports programs, but of all national sports program teams, and have a close association with a number of national teams. The staff also provide a wider advisory service to many sporting groups and individuals around Australia.

Each sport psychologist works with specific Institute sports: Jeffery Bond with swimming, tennis, weight-lifting and netball; Brian Miller with track and field, netball, rowing and hockey; Chris Horsley with water polo, men's and women's basketball, soccer, rowing and track and field; Ian Lynagh with men's and women's basketball, diving and squash; John Crampton with soccer and tennis.

Olympic Games preparations have dominated the work of the AIS sport psychologists. Jeffery Bond, Brian Miller and Graham Winter each held accredited positions with the team in Seoul. Chris Horsley, John Crampton and Ian Lynagh were heavily involved in the preparation of specific teams for the competition in Seoul.

Other main events on the calendar for the AIS sport psychologists have included Jeffery Bond's work at Wimbledon in 1988; Brian Miller's work with Australian hockey and Australian track and field on their pre-Olympic European tours; Chris Horsley's involvement with the Australian water polo team's pre-Olympic European tour; Jeffery Bond's work with the Australian Olympic Equestrian squad; Jeffery Bond, Brian Miller and Graham Winter's involvement with team assembly in Canberra prior to Seoul; and Jeffery Bond's involvement in the Australian Open and at the AOF Summer and Winter Colloquia in 1989. More recently, Chris Horsley has worked with the AIS national water polo tour in Europe.

The AIS sport psychologists have also been involved in a number of significant conference presentations. Chris Horsley attended the Triple ASP Conference in the USA. Jeffery Bond has been heavily involved in developing an eating disorders program and attended a workshop with Dr Peter Gilchrist in Adelaide. Jeffery Bond also presented a paper to the Australian Sports Vision Conference in Sydney and the Australian Swim Coaches' Conference held at the AIS.

There are several major research efforts under way within the Sport Psychology Unit. The combined Biomechanics and Sport Psychology Pistol Shooting Study is now nearing completion and should represent a very significant contribution to the understanding of psychological and biomechanical factors in pistol shooting accuracy. A very intensive period was spent late in 1988 with a visit to the AIS in Canberra by Dr Robert Nideffer (San Diego, USA). Dr Nideffer and Jeffery Bond investigated the extensive database of psychological information held on the AIS computer. This culminated in a presentation to AIS staff and a number of papers which are currently pending publication in international journals. There was also a significant international publication by members of the AIS Sport Psychology staff in the *International Journal of Sports Medicine*, concerning the use of psychological data to predict incidence of injury in elite swimmers. Research investigating the profile of 'moods state' is continuing with specific reference to the effects of salt water flotation. Jeffery Bond, Denis Collet and Mark Spargo have been working on the development of a specialised tennis questionnaire for concentrational style.

Visitors to the AIS Sport Psychology Unit included Dr Brent Russell (San Diego State University), Dr John Hogg (University of Alberta), Dr

Dan Landers (University of Arizona — USOC), Dr Shane Murphy (USOC), Dr Jerry May (University of Nevada/USOC), Dr Gerry Tate (USOC), Dr Keith Bell (Texas), Dr Robert Nideffer (San Diego), Dr Robert Weinberg (University of North Texas), Dr Mike Lashuk (University of Calgary), and Dr David Bunker (Loughborough University). The Sport Psychology Unit also hosted delegations from Hong Kong, China and Malaysia. In addition to the international visitors, the Sport Psychology Unit hosted its usual busy schedule of Australian visitors from all States.

The Graduate Student and Fellowship Program instituted by the AIS has again been very successful. Ann Quinn finished the remainder of 1988 and was followed by two new graduates, Bobbie-Jean Taylor (Honours Psychology graduate from the Australian National University) and Mark Spargo (Honours Psychology and Human Movement Science graduate from the University of Queensland). The 1989 graduate students have been very busy working on their internship program and assisting with applied research in the Unit. Their assistance is greatly appreciated.

Special mention should be made of the International Exchange Program which funded a visit for four weeks in December 1988 by Dr Robert Nideffer (San Diego State University). Dr Nideffer is the author and developer of a popular and widely used psychological profile (test of attentional and interpersonal style). The purpose of Dr Nideffer's visit was to collaborate with Jeffery Bond on analysis of the extensive psychological database held on the AIS computer. The four-week visit was an extremely busy and productive time with the AIS sport programs being the main beneficiaries in terms of specific information about the enhancement of the psychological wellbeing of AIS athletes. The publication of the findings of this research in international journals will further enhance the profile and reputation of the Australian Institute of Sport.

The Australian Applied Sport Psychology Association (AASPA) is continuing its function in assisting and guiding the development of applied sport psychology around Australia. Representatives of this organisation are now located in each of the major States and are doing a considerable amount of work in encouraging and educating elite athletes and coaches in the effective use of sport psychology techniques and the selection of properly qualified sport psychology practitioners. AASPA has maintained its strong links with the Institute, the Australian Olympic Federation and the Australian Psychological Society.

In December 1988 the Sport Psychology Unit farewelled Brian Miller who returned to England before considering an offer of a position at the Jubilee Sports Centre (Hong Kong). The unit thanks Mr Miller for his efforts in providing services to AIS and Australian athletes during his four-year stay in Australia. Two people have undertaken to share the load left by Mr Miller's departure. Ian Lynagh is now assisting AIS programs as is John Crampton. The unit is very fortunate in having these two highly skilled sport psychology practitioners on its staff.

The sport psychology staff at the AIS have continued to be extremely active in the publication of information in specific sporting magazines and refereed journals. Throughout the year the staff have also been associated with numerous coach education courses conducted by the Australian Coaching Council and specific sporting federations.

The sport psychology unit has also hosted a number of visiting students with an interest in the sport psychology field. The increasing demand for these visits is testimony to the advances being made by applied sport psychology within Australian sport. Special mention should be made of the efforts being undertaken in some Australian universities to complement training and psychology with human movement science studies. Dr Mark Anshel (University of Wollongong) and Dr John Gross (Canberra College of Advanced Education) have been at the forefront of these developments. Australia now has a recognised training route for intending sport psychologists. This development obviates the need for students to seek specialised training in international universities.

The Sport Psychology Unit wishes to thank all other units in the Sports Medicine and Sports Science Centre for their collaborative efforts in integrating an effective approach to the development of elite athletes within the AIS environment.

Postgraduate Scholarships and Fellowships

The success of this initiative established in 1988 ensured the continuance of the scheme in 1989. Fellowships are offered for four to twelve months, and research and postgraduate scholarships are for a ten-month period, in the Units of Biomechanics, Physiology and Applied Nutrition, Sport Psychology, Medicine and Physiotherapy. Competition is fierce for the small number of positions available and all the successful applicants have an excellent academic background. Ciba-Geigy Australia Limited has continued financial support for the Fellowship in Sports Medicine. Dr Andrew Garnham, a medical practitioner from Melbourne and an emerging distance runner, completed a five-month Ciba-Geigy Fellowship on 30 June 1989.

Postgraduate scholarships were awarded to the following:

- Deborah Kerr who completed a master's degree in 1988 from Simon Fraser University, Vancouver, Canada;
- Julie Halbert who completed a Bachelor of Applied Science (Exercise and Sports Science) in 1988 from the South Australian College of Advanced Education, Underdale Campus;
- Bobbie-Jean Taylor who graduated with a Bachelor of Science (honours, psychology) in 1988 from the Australian National University;
- Mark Spargo who completed honours in sport psychology from the University of Queensland in 1988; and
- John Baker who is currently enrolled in a Master of Physical Education program at the University of Western Australia.

Having completed a Bachelor of Education from Victoria College, Burwood in 1987, Tracy Jukes was the first recipient of a scholarship in physiotherapy, having graduated with a Bachelor of Physiotherapy from Lincoln Institute of Health Sciences in 1988. The work completed by these dedicated people now forms an integral component of the services available to coaches and athletes from the Sports Science and Sports Medicine Centre.

Work Experience Placement

The centre continued to provide work experience placement opportunities for students from many Australian academic institutions.

Unfortunately, the number of placements offered is only a small percentage of the numerous requests the centre receives. Placements are restricted to a four-week minimum period (six weeks in Sports Medicine). Funding is not provided to students for these placements. The work experience program provides a valuable resource to most units where staffing is at a critical level. It also provides a unique opportunity for students to gain valuable applied experience in this internationally acclaimed centre.

Ethics Committee

Applied research is an important component of the work carried out in the Sports Science and Sports Medicine Centre. Because of this, and the fact that human subjects are involved with most of the research, an ethics committee was established on 21 May 1987 under the guidelines issued by the National Health and Medical Research Council.

The major functions of this committee are:

- to consider the ethical implications of all proposed research projects conducted by the staff of the Institute and to determine whether or not such projects are acceptable on ethical grounds;
- to provide for surveillance of research projects until completion so that the committee may be satisfied that they conform with the approved ethical standards; and
- to consider the ethical implications of any proposal relating to the conduct of the Institute referred to the committee by the Board of Commissioners.

Members of the ethics committee are:

- Hon. Mr Justice John F. Gallop, Justice of the Supreme Court of the ACT;
- Rev. Dr James M. McPherson, Convenor of the Anglican Church and Society Division and Rector of St Stephen's Anglican Church at Kambah;
- Mr J. Fulton Muir, Chairman of the Canberra Development Board;
- Dr Peter Hanaford, a local medical practitioner;
- Dr Diana Kendall, a senior lecturer in the Department of Art Education at the Canberra College of Advanced Education.

Then AIS board member, Ms Elizabeth Darlison; acting AIS director, Dr Ross Smith; and coordinator of Sports Science and Sports Medicine, Dr Peter Fricker, were also members of the committee in 1988–89. Justice Gallop is the chairman and Mr Don Wright, the secretary.

Projects approved in 1988–89:

RESEARCHER	RESEARCH PROJECT
Dr Roslyn Carbon Ms Vicki Deakin Dr Phillip Sambrook	Bone density of elite female athletes with stress fractures
Mr Charlie Kornberg Mr Henry Wajswelner Mr Wayde Clews	The effect of neural stretching technique on peripheral blood flow assessed with thermographic imaging
	The effect of lumbar spine massage on peripheral blood flow assessed with thermographic imaging
	The effect of neural stretching technique on isokinetic muscle strength of the hamstrings
	Thermographic analysis of the injured elite athlete
Dr Richard Telford Dr Allan Hahn Mr David Pyne Ms Debbie Kerr	Effect of ginseng on performance
Mr Craig Purdam Mr Henry Wajswelner	Isokinetic measurement of the hamstring muscle group to static stretching
Dr Allan Hahn Mr Doug Tumilty Mr Paul Thompson Dr Tony Booth	Monitoring of performance and body composition changes in the talent identification group of female rowers
Mr Jeffery Bond Mr Barry Cooper	The effects of massage on mood state
Dr Andrew Garnham Dr Tony Booth Dr Peter Fricker	Ultrasonic assessment of Achilles tendon cross-sectional area and its relationship to disease

International Exchange

This program was established to encourage the exchange of information between professional staff, coaches and administrators from various countries. Dr Peter Fricker and Dr Bruce Mason travelled to the Soviet Union and Poland in November 1988. The purpose of the visit was to observe various centres and equipment and to initiate discussion with recognised scientists and doctors employed in the area of performance enhancement. A reciprocal visit to the AIS by two Soviet scientists is proposed in the coming year.

Another international exchange guest was Dr Robert Nideffer, sport psychologist from the USA, who spent the month of December 1988 working with the AIS Sport Psychology Unit.

Visitors from Overseas

The international profile of the AIS continues to expand, evidenced by the greatly increased number of overseas visitors. Five sports scientists visited the AIS as part of the USA Expo Exhibition and presented short papers to AIS staff, athletes and coaches. Other delegations were received from Great Britain, Hong Kong, Japan, Canada, New Zealand, Sweden, Brunei, USA and China. In addition to these visits, requests for information on the work and activites being carried out at the AIS have come from numerous other countries.

Residential Sports

Each year the Institute offers in the vicinity of 300 scholarships to male and female athletes to participate in one of its residential sports programs. At 30 June 1989 there were sixteen residential sports at the Institute.

In Canberra:	Basketball
	Gymnastics*
	Netball
	Rowing
	Soccer
	Swimming
	Water Polo
	Tennis
	Track & Field*
In Brisbane:	Canoeing
	Diving
	Rugby Union*
Squash	
In Adelaide:	Cricket
	Cycling
In Perth:	Hockey

* These sports are headquartered in the city indicated but have decentralised programs operating in other cities — refer to the report on each sport.

Scholarship benefits include first-class training in the partrcular sport, board and accommodation, personal training and competition equipment, sports science and sports medicine services, travel expenses both within Australia and overseas, and assistance with education or to obtain work.

The Institute has developed a set of 'Terms and Conditions' that an athlete must agree to prior to being granted a scholarship. These are:

- to reside in accommodation specified by the Institute;
- to commence suitable employment or study outside his or her sport within one month of the commencement of the scholarship;
- to abide by the following code of behaviour at all times:
  - — to work towards the attainment of full potential in sport and studies and/or occupation;
  - — to occupy time gainfully outside the sport to a degree and in a manner expected by the Institute;

— to comply with the training requirements laid down by the coaches, and to accept and respond in a positive manner to their constructive criticism;
— to maintain personal habits of health conducive to sporting excellence;
— to abide by the spirit as well as the letter of the rules of sport;
— to accept victory or defeat with dignity and grace;
— to behave and dress in a dignified manner when representing the Institute both on and off the competition area;
— to wear the official uniform designated when in competition or representing the Institute;
— to cooperate with the Australian Sports Commission and Institute in establishing and conducting a quality sports program;
— not to take drugs that will modify growth, behaviour or performance; and
— to participate in any random drug testing conducted by the Institute.

There were two significant changes within the program during the year involving the sports of canoeing and weight-lifting.

The sport of canoeing was admitted to the Institute as a full-time residential program on 1 April 1989, based on the Gold Coast. To date, nine scholarships have been awarded. Canoeing had previously been involved at the Institute for a period of eight months from January 1988 for preparation of its squad for the 1988 Olympic Games. This training program was conducted at Maroochydore. All eight Australian canoeists at the Seoul Olympics were involved in the program.

The sport of weight-lifting was a residential program of the AIS and located in Canberra in 1987–88. In its review of residential sports programs in May 1988, the then Australian Sports Commission and Board of the Australian Institute of Sport resolved to examine the relocation of the weight-lifting program to Melbourne with a view to its commencement there from 1 January 1989. Subsequent to this decision but prior to commencement in Melbourne, the Board decided to defer this move until after the reports and recommendations of the Senate Standing Committee on the Environment, Recreation and the Arts Inquiry into Drugs in Sport were received and considered. At 30 June 1989 the Australian Sports Commission had not yet considered the Inquiry's report. The Canberra-based residential weight-lifting program concluded in December 1988.

During the latter part of the financial year the Institute initiated, for each residential sport, the development of an agreement with the sport's national body for the continued involvement of the sport in the Institute's Residential Sports Program. At 30 June 1989 most agreements were well advanced although they were still to be formally considered by the new Australian Sports Commission. The agreements clarify the nature of each sport's residential program over the next four years and provide for formal and objective assessment to review the performance of each program.

Information on the programs of each residential sport over the financial year is shown on the following pages.

Basketball

1988–89 was another busy year for the Institute's basketball program. Both the men's and women's Olympic teams extensively used the Institute's facilities in their Olympic preparation. Their presence on campus is always an exhilarating time and a great motivation for our young players. Both teams finished fourth at the Olympics, the best performances ever by our basketball teams.

Congratulations to Jenny Cheesman, Donna Brown, Shelley Gorman, Debbie Slimmon, Sandy Brondello, Phil Smyth, Andrew Vlahov, Luc Longley, Mark Bradtke and Adrian Hurley on their performances at the Olympics.

The Institute's women's and men's teams again performed well in the Women's National League and the South Eastern Basketball League. These Leagues offer our youngsters the opportunities to play against outstanding seniors at a level of competition that would not normally be available to them. Our thanks to both Leagues.

Our men's team toured Indonesia, Singapore and Malaysia in November. The tour resulted in six wins and two losses. The wins included a win over the Malayasian national team. Our men's team is a junior team with players preparing themselves for the 1991 World Youth Championship.

BP Australia have announced a significant sponsorship for the development of men's and women's National Youth Programs for 1989–91. The following AIS players have been selected in the 1989 BP Achievers' Youth Squads:

Women	Narelle McConnell
	Natasha Bargeus
Men	Lachlan Armfield
	Leigh Cleary
	David Close
	Brendan Day
	Matthew Dodson
	Andrew Goodwin
	Brendan LeGassick
	Brett Maher
	Doug Peacock
	Matthew Reece
	Patrick Reidy
	Anthony Ronaldson

Our women's team did not tour overseas this year however, Natasha Bargeus, Lucille Hamilton and Julie Morton (current athletes) joined ex-AIS players Shelley Gorman, Joanne Moyle and Anne Robilliard on the national junior team which toured the USA in November.

In June 1989 the Australian selectors chose AIS athletes Lucile Hamilton, Joanne Moyle, Shelley Gorman, Natasha Bargeus, Narelle McConnell, Anne Robilliard, Michelle Gubbels and Julie Wilts on the national junior team to contest the World Championships in August.

Quite a number of AIS girls were chosen in the 1989 Australian squad, with six players being chosen to tour Japan with the Australian team.

Ten AIS athletes were chosen in the 1989 Australian men's basketball squad.

In January 1989 the AIS hosted the sixth annual All Australian Junior Camp. This camp is always a highlight of our calendar. Fifty-six of Australia's best players between fourteen and seventeen years of age participated in the camp. The camp, run by the Australian Basketball Federation (ABF), is one of the great talent identification and development schemes in basketball.

The AIS continued to develop satellite programs in 1988–89. Each State and Territory was given financial assistance for coaches to conduct talent identification and development programs. Our congratulations and thanks to the state directors of coaching and the satellite coaches for their efforts. It is our hope that these programs will be expanded in the years to come.

The AIS also played host to the ABF's Level 3 coaching course in January 1989. The course was an excellent program and contributed much to Australia's coaching development.

In the past twelve months, AIS basketballers have continued to do well in their studies and employment. Our thanks to Canberra High School, Lake Ginninderra College, and the AIS educational staff for another outstanding job.

Any year at the AIS depends on the support staff and again we thank the medical staff, the sports science staff, the administration, the National Sport Information Centre, the transport staff and residential staff. A special thanks to all those who assisted with the conduct of our home League games.

The National Campaign Against Drug Abuse sponsored the AIS basketball programs in 1988–89. We are proud to be chosen to represent the Drug Offensive to the youth of Australia. The AIS basketball teams conducted Drug Offensive clinics right across Australia and thoroughly enjoyed taking drug education to youngsters in every State. Our thanks to the National Campaign Against Drug Abuse.

Puma Australia again sponsored AIS Basketball generously for equipment. We have enjoyed an excellent relationship with and sponsorship by Puma since our beginnings in 1981. All athletes and staff are most appreciative of Puma's wonderful support.

The Australian Basketball Federation has been totally supportive of the AIS since our inception and every year both groups work hand in glove for basketball. Our gratitude is expressed to Bob Staunton, Dick Butler, Ken Madsen and the ABF Board for their support.

Finally, our thanks to all the athletes, parents, coaches and clubs throughout Australia who have given us so much support over the past year. Their support ensures the continued success of the AIS and basketball.

Canoeing

Head Coach — Barry Kelly

Following the outstanding success of the temporary unit based at Maroochydore on Queensland's Sunshine Coast in 1988, a joint feasibility study was undertaken by officials from the Australian Canoe Federation and the Australian Institute of Sport, for a possible improved location for the unit's permanent site.

After extensive investigation, it was decided to relocate the unit on the Gold Coast, which offered greater education and vocational opportunities plus a 2000-metre non-tidal rowing course being constructed at Bond University. A permanent canoe facility may be established on Albert Shire land adjacent to the campus.

Canoeing is the Institute's seventeenth residential sport and it was officially launched on 21 April by Senator John Black, who concluded the opening ceremony by unveiling a plaque.

Applicants to the unit were selected following the national championships held at Stanthorpe, Queensland. Six full-time scholarships and three associate scholarships were offered. The athletes are: Ramon Andersson, Daniel Collins, Shane Dalziel, Michael Pond, Ian Rowling and Andrew Tim; Richard Zillman, Seoul silver medallist, Grant Davies, and fourth placegetter, Paul Gilmour, have accepted associate scholarships and train regularly with the squad.

Our temporary complex consists of a forty-foot container which has been donated for our expected ten-month stay by Australian National Line (ANL).

An intensive training program is being formulated with exercise physiologist, Enid Ginn, from the Department of Human Movement Studies, University of Queensland.

Former competitor, Barry Kelly, has been appointed to the position of head coach.

All of the 1989 full-time athletes have been selected as part of the national team to contest the world championships in Bulgaria, 24–27 August.

Cricket

Head Coach	Jack Potter
Coach	Peter Spence

Now in its second year of operation, the Adelaide-based AIS-Commonwealth Bank Cricket Academy has a squad of sixteen full-time and three part-time scholarship holders. The new group of cricketers represents all States and Territories in Australia and many of them made up the successful Australian under-19 team that whitewashed New Zealand recently.

This year's scholarship holders certainly have a lot to live up to. The 1988–89 group of sixteen were an outstanding success as eight of the group graduated to first-class cricket during their Academy year and most of them were very impressive.

The squad is training extremely hard and recently visited Canberra for biomechanical analysis of their techniques in batting, bowling and fielding. They also undertook psychological tests and weight training advice.

A tour to Darwin and Queensland is planned in July/August and then the squad will follow a pre-season program for the build-up to the beginning of the grade competition in Adelaide.

Although this year's group are one or two years younger than last year's, they are none the less talented, and it will be no surprise if some of them reach first-class cricket this season. The squad has already been allocated to their district clubs and it is looking forward to an association with them.

The 1988–89 group lost only one game for the year and that was against the Pakistan Test team, although they performed extremely well against them.

Cycling

Head Coach	Charlie Walsh
Coach	Shayne Bannan

The Cycling Unit again had an extremely busy and successful year. It was able to achieve the ultimate goal of establishing itself as the best training and development program in the cycling world.

The results of the 1988 Olympic Games justify the above statement. Australia finished second in the world on the track and had excellent results on the road, finishing in fifth position.

Individual results from AIS athletes were as follows:

Dean Woods	1 silver, 1 bronze
Gary Neiwand	1 bronze
Scott McGrory	1 bronze
Steve McGlede	1 bronze
Wayne McCarney	1 bronze
Brett Dutton	1 bronze
Robert Burns	4th place

Accommodation, Sports Science and Medicine, Sports Physiology and other support services have been provided to assist with this elite program. Many thanks must go to the South Australian Government through SASI for their total support to the program.

The group is currently overseas preparing for the world championships and 1990 Commonwealth Games and we expect further successes at these Games.

Apart from the results of the Olympics, our major highlight of the year was the most successful elite coaches course run in conjunction with the SASI and the ACF, and we were privileged to have as guests the head coach of the East German track team, Heiko Salzwegel, and the president of the East German Cycling Federation, Mr Gerhard Voss.

With the advent of a velodrome, being completed in Adelaide in 1990, we look forward to maintaining our elite group and setting standards for all to follow.

Diving

Head Coach	Stephen Foley
Coach	Valerie Beddoe

Four Institute scholarship holders, Julie Kent, Craig Rogerson, Russell Butler and Graeme Banks, competed in the 1988 Seoul Olympic Games, the major diving event held last year. There was only one other member in

the diving team, so the Institute was well represented, along with then head coach, Bruce Prance, as the official Australian coach.

Following the Olympics, our other developing divers performed very well at the Winter National Championships, and gave notice that they were not far behind the senior divers.

Head coach, Bruce Prance, retired in December and returned to his home State of Western Australia. Bruce had been with the unit since its inception in November 1984, and had worked very hard to establish the unit as one of the best in the diving world. His enthusiasm and guidance is greatly missed.

Steve Foley took up the reins with determination and is backed up by coach Valerie Beddoe. The emphasis has been placed on development of the junior divers, and this is already showing results.

The Southern Cross series in January–February this year was a first for three of our divers: April Adams (15), Simon McCormack (17) and Tony Lawson (17). Not only were they placed above more senior divers, but April Adams won the platform event convincingly in Canberra, beating Chinese Olympian Chen Xiaodan.

Following their successful initiation into senior international diving, these young divers travelled to the national championships in April full of confidence. Not only did they dominate the age group events, but April Adams and Simon McCormack outshone the older competitors in the open events, with only Olympian, Craig Rogerson, withstanding the charge by winning the platform event. Peta Taylor was a class above the others in the women's springboard events.

Craig Rogerson, Peta Taylor, April Adams and Simon McCormack were selected in the World FINA Cup Team to compete in Indianapolis in May. Three of these divers, Craig, Peta and April, each made finals in the World FINA Cup. Craig placed ninth on the tower, Peter ninth on the one-metre springboard, and April tenth on the tower. April's performance in her quarter-final was outstanding and she missed out on advancing to the semi-finals by only eight points, truly an outstanding effort.

So, at present, the AIS has three divers ranked in the top ten in the world. All of the other divers continue to work hard in preparation for the Commonwealth Games Trials in October.

Once again the Brisbane City Council has been very cooperative in ensuring that we have full access to their world-class facilities, and many thanks to all our supporting Sports Science personnel.

Gymnastics

Men's Artistic Gymnastics	
Head Coach	Warwick Forbes
Assistant Coach	Tian Weishun
Assistant Coach 1988	John Curtin
Decentralised Development Coach, Brisbane 1989	John Curtin
Women's Artistic Gymnastics	
Head Coach	Tian Ju Ping
Assistant Coach	Mark Calton
Assistant Coach 1989	Lu Ming

Choreographer	Stephanie Burridge Kylie Hunter (part-time)

The Australian Insitute of Sport (AIS) continued in its role as the elite arm of the Australian Gymnastic Federation (AGF), conducting national gymnastic development camps and coaching clinics, all aimed at the ultimate goal of improving the international ranking of Australia's teams and individuals. The AIS program has proven to be the role model and catalyst for our high performance centre throughout Australia.

1988 was the end of the Olympic cycle and thus the many years of hard work culminated in the most successful performances by Australian gymnasts ever. Outstanding results during the preparation for the Seoul Olympics came from Monique Allen and Ken Meredith. Ken Meredith became the first Australian gymnast to win gold in an international tournament and Monique produced consistent all-round and apparatus performances in many top international tournaments.

Ken Meredith's first place in the floor exercise and all-round in Czechoslovakia was equalled by Kylie Shadbolt at the Konica Grand Prix, winning Australia's first women's gold medal on the floor exercise. Monique Allen continued her 1988 success with a silver medal at the Pacific Alliance and two bronze medals at the Konica Cup Grand Prix. Monique's experience is now enabling her to be consistent in all-round competitions: 5th Pacific Alliance, 4th China Cup and 4th Konica Grand Prix.

The men's and women's gymnastic program has maintained the structure it established in 1986 but has recruited a young group of girls aimed at development for the 1992 Olympics in Barcelona and the 1994 Commonwealth Games. A men's coach has been located in Brisbane to develop young boys for entry into the central program after 1992.

The composition of the Institute program in 1988 was as follows:

Men	
Head Coach	International Senior Gymnasts
1st Assistant Coach	International Gymnasts
2nd Assistant Coach	Junior Development Gymnasts
Women	
Head Coach and	
1st Assistant Coach	International Senior Gymnasts
2nd Assistant Coach	Junior Development Squad

All gymnasts train twice per day, a morning session of one and a half hours or three hours and an afternoon session of three and a half hours. Saturday is either one four-hour session or two three-hour sessions. Total training time varies from twenty-eight hours per week to thirty-five hours per week — the time required to achieve on the international scene.

1988 Olympic Games, Seoul, Korea

Coaches:
Warwick Forbes
Tian Ju Ping

Gymnasts:
Ken Meredith
Monique Allen
Leanne Rycroft

All Seoul Olympic representatives were from the AIS central program and all achieved their personal best scores. The Olympic Games was Australia's major goal for the individuals selected, and marked the end of a successful development from 1984 to 1988.

Although Ken was drawn in an extremely difficult rotation, first on rings and high bar in the first morning round of competition, he performed the majority of his exercises to the best of his ability. Except for a mistake on the compulsory horizontal bar, his compulsory score was his personal best. The optional competition was again in an individual group starting on rings and horizontal bar. All routines were his best and his all-round score his personal best.

Monique Allen and Leanne Rycroft also performed the compulsory routines to the best of their ability and ended up in very respectable positions, entering the optional competition. Although Leanne was suffering from a very sore ankle, she performed all routines to an excellent level. Monique Allen, who could have easily made the all-round final, fell from bars but still produced the best-ever result from an Australian at the Olympic Games.

Although Ken and Monique missed their goals of qualifying for the all-round final, they left Seoul knowing that they had done their best in the difficult draw individuals receive. These results mark the continuing steps ahead that the AIS and the Australian Gymnastic Federation are making in international gymnastics.

Olympic Scores		
Ken Meredith	112.10	80th/89
Monique Allen	75.90	65th/90
Leanne Rycroft	75.35	75th/90

Pacific Alliance Championships, Shen Zhen, China

The Pacific Alliance Championships was our primary goal for our Australian team performance in 1988. Thus, the whole year was designed through phases of skill learning and competition preparation, culminating in the Pacific Alliance competition.

The boy's team was led by Ken Meredith, Tim Lees, Mark Mommsen and the newcomer, Brennon Dowrick. Although slightly inexperienced, this team was one of our best-prepared teams to compete at the Pacific Alliance Championships. The team was confident and felt that many nations present would sit up and take notice of this new wave of Australian male gymnasts.

The team began with the most difficult of apparatus, the pommel horse, and led by Ken Meredith the team scored an impressive twenty-nine

points, 9.45, 9.55 and 9.65, placing second behind China after the first rotation.

The boys performed to the best of their ability on rings, vault and parallel bars. After four apparatus, Australia was in an impressive third position behind China and Japan. On high bar, despite completing some difficult and cleanly performed routines, two boys faulted on landings.

The final apparatus, floor, was difficult for everyone involved as all had small ankle and Achilles injuries. Nevertheless, all routines were completed successfully.

The final team placings were:

Men			Women		
1st	China	174.70	1st	China	116.15
2nd	Japan	169.70	2nd	Canada	114.65
3rd	USA	168.80	3rd	Korea	113.45
4th	Australia	167.10	4th	USA	113.40
5th	Korea	166.50	5th	Australia	113.05
6th	Canada	164.25	6th	Japan	111.90
7th	New Zealand	161.65	7th	New Zealand	107.95
8th	Hong Kong	144.00			
9th	Philippines	142.30			

Ken Meredith was placed eighth in the all-round and competed in two apparatus finals, narrowly missing the bronze medal on the rings to the strong Chinese and Japanese.

To our delight Tim Lees was placed third on the pommel horse with a superb routine of flair travels between the pommels.

The girls from the AIS were Monique Allen and Kylie Shadbolt. Monique led the Australian team on the first two apparatus to a commanding position in front of USA, Japan and Korea, but unfortunately on beam both the girls faulted on their dismounts. These mistakes cost Australia the team bronze medal. But, nevertheless, coach Tian Ju Ping was pleased with Monique's performance — introducing two new skills since the Olympic Games — and with Kylie's first international competition.

Monique later showed her strength by taking the silver medal on the bars plus placing fifth in the all-round competition.

National Championships, Melbourne 1989

The 1989 National Championships proved to be a very professionally run and organised event. They will be held in the same venue for the next three years.

In the women's events, Monique Allen took gold in the all-round and Kylie Shadbolt placed third. Clare Scotney, recovering from a knee injury in 1988, performed at a level which showed that she had returned to her previous form. Jodie Rogers, although unable to compete on floor and vault, competed exceptionally well on beam and bars.

On the men's side, it was the first year the Institute of Sport has been challenged, but it still showed the dominance that we have had in the past. Mark Mommsen was placed first with 108.10 and Peter Hogan was placed third with 104.65. The two Western Australian Institute of Sports boys

Grant Carlon and Werner Birnbum, formerly of the AIS, gave the Institute the challenge that the boys required.

Ken Meredith, although injured with an Achilles tendon problem, competed consistently on the other apparatus, winning parallel bars and coming second on rings, and making all other apparatus finals.

The National Championships will continue to be a challenge to the Institutes of Sport around Australia.

China Cup, Beijing, April 1989

In April 1989 four senior girls of the Australian Institute of Sport travelled to Beijing, China, for the China Cup competition.

This competition was of the highest standard with all Eastern bloc countries being represented. Monique Allen showed consistency and depth in her routines to place fourth in the all-round beside a young up-and-coming Soviet gymnast. This is the first time an Australian gymnast has qualified for all finals in such a high-standard international competition and placed so high in the all-round competition.

Kylie Shadbolt also competed well to be placed thirteenth and also to be placed fourth in the floor exercise. The other two Institute of Sport girls, Clare Scotney and Jodie Rogers, competed well for their first international competition.

Konica Grand Prix International, Brisbane, June 1989

The Konica Grand Prix became one of the most prestigious internationals in 1989, with the main gymnastic countries of China, USSR, Bulgaria, East Germany and USA sending their Olympic gymnasts.

Against such formidable opposition, both the men's and the women's teams produced outstanding results. Of highest note was the gold medal won on the floor by Kylie Shadbolt, equalling the Soviet star, Natalia Lashanova. An equally impressive performance was put forward by Monique Allen who achieved fourth in the all-round, third on the vault and third on the uneven bars. Kylie Shadbolt's all-round performance must not go unmentioned. Her fifth placing just behind Monique Allen was outstanding for her international experience.

This competition has marked the progress of Australian female gymnastics on the international scene.

On the men's side, Ken Meredith competed extremely well on all apparatus except on floor, where he was injured, but managed to qualify on all apparatus finals. An outstanding performance on the rings with a new routine gave him the bronze medal and he narrowly missed the bronze medal on the parallel bars.

In his first international competition, Peter Hogan from the AIS competed consistently and impressively and proved his position in the national squad. Mark Mommsen from the AIS attempted some new and difficult elements on the parallel bars and horizontal bar.

International Coaching Clinics

In April an international clinic was conducted for men's gymnastics. The head coach for the People's Republic of China, Mr Zhang Jian, was invited to assist head coach, Warwick Forbes, in running a clinic for Australia's elite men's coaches.

The clinic was entitled 'Development of Men's Gymnastics towards the Year 2000'. This very successful clinic provided a great deal of information for all the coaches working at State Institutes of Sport and high-performance centres throughout Australia. This clinic consolidated a truly national effort for the development of men's gymnastics until the year 2000.

Junior National Clinic, Men

The annual junior national clinic was organised by the former Institute of Sport coach, Paul Szyjko, to include junior national squad members and to invite talented young boys from each State and their coaches.

AIS coaches, John Curtin and Tian Weishun, assisted in giving the coaches the most recent technical information. Again this proved to be a most successful developmental project for boys' gymnastics in Australia.

Women's Coaches and Gymnastic Clinics

At the women's Level 3 coaching course, AIS coaches Tian Ju Ping and Mark Calton contributed in presenting material for the course. In the same week, a junior girls' clinic was organised where young girls with their own coaches were assisted by AIS and AGF coaches in their technical preparation. Also during the year some clubs who are developing sub-junior girls came to the AIS to train alongside the AIS gymnasts and to learn from the coaches. This proved to be a most successful liaison.

Satellite Coaches

Men's Artistic Gymnastics		Women's Artistic Gymnastics	
Lindsay Nylund	WAIS	Liz Chetcovitch	WAIS
Paul Szyjko	SASI	Peter Dowdell	Qld
Ken Armanesco	Vic	Ann Scott	NSW
Fred Burke	Qld	Fiona Bird	Vic

The complexity of gymnastics takes many years to develop and, with the Institute of Sport now having been in operation for eight years, we have seen the fruitful result of many years of hard work. After eight years of training at the Australian Institute of Sport, Ken Meredith has won his first all-round gold medal, and apparatus gold medal, in Czechoslovakia. And now, under the direction of Tian Ju Ping since 1985 in the women's program, Kylie Shadbolt has won her first international gold medal at the Konica Grand Prix in Brisbane.

In addition, Monique Allen's results as a consistent all-round international competitor are outstanding and the younger team members, such as Tim Lees who won a bronze medal at the Pacific Alliance on the pommel horse, show that the centralised systematic training program of the Australian Institute of Sport can be sustained and improved upon. Every new group of young gymnasts who are trained long term at the Australian Institute of Sport with dedication and hard work must be matched with the support of the gymnastic community and the Government.

Men's Hockey

Head Coach	Richard Aggiss
Coach	Terry Walsh
Scholarship Coach	Frank Murray

The Institute's men's hockey squad aims to recruit players who have the potential to become national representative players. Selected after completion of their secondary schooling, the 1988–89 squads focused on the national under-21 level and the post-Seoul Olympic era, when Frank Murray replaced Richard Aggiss as the national senior coach. Terry Walsh was appointed coach of the Australian under-21 team that will compete in the Junior World Cup in Ipoh, Malaysia, during August 1989.

1988 was a very successful year for the AIS. Many of the young AIS players gained invaluable experience, training with and playing against the Olympic players. This experience proved extremely beneficial when the AIS team toured Europe and won nine out of ten games. The tough club competition in Holland and England provided a new experience for these young players and gave them an insight into what top hockey is all about. This annual overseas tour is critical in the development of our young players, as they are fully tested against the European system and style of hockey, and Frank Murray, the newly appointed Australian coach, gained enormous experience from his tours with the AIS teams. The Satellite Coaching Scheme was further enhanced with two coaches' seminars conducted in July and November 1988. Both seminars were highly successful as they provided an opportunity for all Category A and B satellite coaches to participate in planning for the July seminar and post-mortems November seminar for the Seoul Olympic Games. The seminars advanced Australian hockey coaching to a new level.

The continued cooperation between the AIS hockey coaches and the Australian Hockey Association — in particular, Ivan Spedding (national coaching director) and Keith Murton (national executive director) — is paramount to the success of our programs and the efficient use of our funds. Throughout the past year many innovative programs have developed in coaching and talent identification as the search for future champions goes on. The Australian Hockey Association has been extremely cooperative and many of the programs are jointly funded or managed.

The 1988 Seoul Olympic Team contained twelve players who had graduated through the AIS programs into the Australian team. For everyone, the retirement of the legendary Ric Charlesworth from international hockey and the disappointing final result in Seoul, clearly demonstrated that success at the Olympic Games is extremely difficult to achieve.

Sponsorship plays an important role in the AIS and to the following companies we offer a special thanks for their contribution to our program: Esanda Finance Corporation, Western Underwriters, Adidas, Kookaburra, Australian Airlines, and Merco.

Women's Hockey

Head Coach	Brian Glencross
Assistant Coach	Pam Glossop
Scholarship Coach	Peter Freitas (June–September 1988)

In September 1988, women's hockey rocketed to the headlines with their historic 2–0 victory over Korea to bring home the first gold medal to be won by a team sport in Australia. The AIS Hockey Unit in Perth is proud to have been able to assist with the preparation of the national team. All of the Olympians were recipients of either full-time, associate or visiting scholarships during their build-up for Seoul.

Australia's future was given a setback in November 1988 when New Zealand defeated Australia in the Qualifying Tournament for their place in the inaugural Junior World Cup to be held in Canada in July 1989. Only one team from the Oceania region qualifies for entrance to the Junior World Cup and this tournament is held only once every four years.

1989 is a rebuilding year for the Institute and eleven full-time scholarships have been offered with three associates; of these, Sally Carbon is the only current senior Australian player.

Following the Esanda Championships played in Hobart in May, a new Australian team was selected following the retirements of Debbie Bowman, Kathy Partridge, Lorraine Hillas and Elspeth Clement. The new Australian captain is Sharon Patmore, with Tracey Belbin as her deputy.

All AIS players who competed at the nationals were successful in being selected in either the Australian team or squad. Alison Peek, Chris Dobson, Danny Roche, Angela Kaaks and Sally Carbon are all in the team, with Clear Prideaux, Lisa Powell and Juliet Haslam in the squad.

A highlight of the Tournament was the naming of AIS player, Chris Dobson, as 'Player of the Tournament' for the second year in succession.

In March 1989, an elite coaches' seminar was held at the AIS in Canberra and jointly funded by the Australian Women's Hockey Association and the AIS. The seminar focused on the success in Seoul and the steps to be taken to ensure that Australia is properly prepared for Barcelona in 1992. All coaches who attended were accredited Level 2 or 3 and currently coaching a State team. Another seminar is proposed for May 1990 in conjunction with the Women's World Cup being staged in Sydney.

Visiting scholarships still play an important part in the Institute program. All recipients of ANZ or Esanda Scholarships must come to Perth for one week's intensive training as part of their scholarship agreement. Senior and other talented players are also invited during the course of the year for continual development.

The Esanda/Western Underwriters Midweek Competition is still a highlight of the program with the AIS playing each first division team twice during the season. This program allows the coaches to assess player development in various game situations.

Since the inception of the Hockey Unit in Perth in 1984, the AIS has worked very closely with the national body. This cooperation is essential for continuity in the hockey program to ensure that Australia continues to lead the way in the hockey world.

The Hockey Unit extends its sincere gratitude to our sponsors: Esanda Finance Corporation, Western Underwriters, Kookaburra, Merco and Adidas.

Netball

The Institute's Netball Program focuses on players considered to have the potential to gain national representation. Generally players are recruited at the conclusion of their secondary schooling. Scholarships are offered annually, with the most successful students being retained for a second year.

New recruits begin the year with a heavy emphasis on building their individual skill level. Court tactics are then introduced as teams prepare to compete in both the NSW State League and the ACT interdistrict competitions. Both these leagues provide regular match play which is so important for player development.

Returning students this year found themselves preparing for the revamped Esso Super League. The new series was slotted into the March–April period to complement the national team's preparation. The competition saw the AIS pitted against top club teams from the five leading States. In spite of their youth and relatively short preparation, the AIS acquitted themselves well, earning a place in the final against the talented Sydney Tigers.

Prime Minister Bob Hawke attended the final of this year's Esso Super League to announce that, in future, teams would compete for the Prime Minister's Cup. No doubt this initiative will enable the competition to develop into the major domestic event. Though the AIS worked hard, they were unable to match the skill and speed of the Sydneysiders who not only boasted five current national players but also contained ten Institute graduates. On court it was, indeed, a case of the graduates versus the undergraduates. The scoreline merely reflected this.

On the international scene the highlights have been the two victories by the National Open Team in the Johnson and Johnson Cup. This exciting new development in netball has brought the game into the media spotlight as never before. The four-test series against the Caribbean Cavaliers, Trinidad and Tobago, and a combined West Indies team have seen packed houses in both Sydney and Melbourne. Carissa Dalwood was the 'rookie' selection for the 1989 series. A product of the national talent identification scheme, the AIS Netball Program and the victorious Under-21 National Team, Carissa's sparkling debut belied her nineteen years.

Not to be outdone by their elders, the National Under-21 Team swept all before it in the Inaugural Coca-Cola Bicentennial World Youth Cup, held in Canberra in July 1988. It recorded a most impressive list of victories on its way to the title.

The only defeat this year was at the hands of current world champions, New Zealand. They won the Milo Series early in the year and then held off a strong challenge at the World Games in Karlsrhue, West Germany, in July.

Both national teams are dominated by either current or former AIS scholarship holders. The same domination applies to the successful State teams of NSW and Victoria. For the past four years the National Championship has been won by these teams at both the open and under-21 levels. In fact, most years these teams have played each other for the title. All AIS players return to their respective State or Territory to play nationals.

The Institute further contributes to the development of Australian netball through the national training camps for the open and under-21 teams and the National Talent Identification Program for the under-19 and under-17 squads.

A new initiative this year was the appointment of satellite coaches to work directly with national open squad members. The appointed coaches were: Mrs E. Merillo (WA), Mrs D. Armstrong (Vic.), Mrs L. White (Qld), Mrs C. Sykes (NSW), Ms K. Smerdon (SA). The program commenced in November when a working weekend was held at the AIS. Each coach then monitored players' fitness schedule and skill development until final selection trials in March. For the first time national squad members had access to 'hands-on' assistance and direction in their respective States.

After selection trials two programs operated: one for team members, the other for squad players. Again, the satellite coaches, under the direction of the national coach, provided regular skill sessions and coordinated the fitness testing program. The program continued until the national team departed for the World Games. Further development of this program will include national under-21 players.

For the resident scholarship holders at the AIS, the highlight of their competitive year was the international competition in November. The most successful students were selected to compete in two major events: firstly, against the New Zealand Young Internationals in a three-test series in Auckland; secondly, in the West Indies against the national team of Barbados and in Trinidad, where the competition came from their under–21 and under-25 national teams. The AIS players returned with a most impressive winning record, being undefeated throughout the series. They did, in fact, draw with the national under-25 team in Trinidad. As the starting line for the AIS on these tours were all members of the national under-21 team, the results were most encouraging for the future. No Caribbean teams had attended the World Youth Cup earlier in the year, so it was invaluable for our players to be exposed to the Caribbean style and to assess accurately just where our team stood in relation to teams from this region.

The AIS Netball Program acknowledges the importance of our major sponsor, Johnson and Johnson. Without their financial assistance we could not have undertaken the Caribbean tour. Similarly, the assistance given to us by the New Fashioned Pork Promotion enabled us to host the challenge series with New Zealand. Our major suppliers, Dunlop Footwear and Mitre Balls, must also be thanked for the contribution which they make.

Finally, we register our thanks to the Australian Government for their support and encouragement of our sporting endeavours.

Rowing

Head and Men's Coach	Reinhold Batschi
Senior Women's Coach	Peter Shakespear
Junior Women's Coach	Ellen Randell
Apprentice Coach	Paul Thompson

Current rowing scholarships are held from October 1988 to May or September 1989 with most of the squad involved with Australian representative honours in the latter stages of their scholarship.

Fifteen of the twenty-six scholarship holders competed in either the Olympic team, the Senior B team (under-23) or the Junior team. Malcolm Batten, David Fogarty, James Galloway and Hamish McLachlan were all selected in the Olympic eight squad which finished a creditable fifth coached by AIS head coach, Reinhold Batschi.

AIS sculler Brenton Terrell joined former AIS sculler Richard Power in the Olympic squad to also finish fifth. Former scholarship holder Hamish McGlashan produced an excellent fourth in the Olympic sculls final. The all-AIS junior women's four, a product of the talent identification thrust, produced Australia's first women's junior medal with a bronze in their world championships. Coached by Peter Shakespear, the crew comprised Courtney Johnstone, Fleur Spriggs, Celia Patterson, Gabs Menzies and coxswain Georgia Green.

Australia's under-23 men's team included David McLeod, Nick Sellars and Dean Watts from the AIS, while the women's team was successfully coached by new AIS coach Ellen Randell and included Kate Dearden and Allison Worth from the AIS. The Senior B team was successful in winning the US and Trans-Tasman Series in their two tours. Ellen's crew and the Olympic eight squad were fully supported by the AIS, with other members using full scholarships for their training period and constructively using the world-class AIS boat fleet and facilities, which neatly embraces the objectives of the AIS Program.

The specific objective for the next four years to the 1992 Olympics is to develop high-performance Olympic rowers. The ten men's scholarships will be equally split between the elite Senior A and Senior B (under-23 years) ranks, while the women's area will initially have ten junior women and five Senior B women with a progression to mostly elite Senior A women by 1992, but maintaining five junior women each year to allow continued development of talent for the future. Scullers will be accommodated by the use of a visiting scholarship. Evaluation of the AIS program will be made by various domestic and overseas performance indicators.

The 1989 scholarship holders provided an excellent evaluation in their domestic selection regattas after commencing training in November 1988. The men's crew, although young, dominated the senior ranks with first, second and third in all the pairs races and three firsts, two seconds and one third in the three selection races. The senior women also dominated by winning all the fours and pairs races while the junior women were undefeated in their age group and highly competitive in the senior races. The National Championships in Perth were, unfortunately, severely curtailed by Cyclone Ned but the few races rowed included wins by the AIS in the Senior A and B women's pairs and the men's coxed and coxless pairs. More positive results could have been obtained if there had been a full program.

The new award of grand prix points saw AIS athletes fill six of the top eight places awarded to senior rowers. Team selections saw fifteen athletes, three coaches, three satellite coaches and two former apprentice coaches selected to represent Australia along with some former scholarship holders. To go to Beld, Yugoslavia, in August and September for the World Championships are Cory Bernadi, Peter Murphy, Stephen Nesbitt, David McLeod and Gordon Marcks in the men's four and pairs coached by Reinhold Batschi, with the women's pair of Kate Dearden and

Deb Bassett coached by Peter Shakespear. Ellen Randell takes all her AIS junior four to race in New Zealand, then the rest of the world in Szeged, Hungary. Her crew consists of Courtney Johnstone, Ballanda Sack, Sam Stewart, Anna Mcfarlane and Joanne Moore, with Georgia McGregor-Reid as the coxswain. Senior B athletes include Fleur Spriggs, Bruce McWatt and Michael Davies. Athletes moving to Canberra for national team training have benefited from being included in the program with full or associate scholarships.

Assistance to the national teams has been readily forthcoming in several areas as well as these scholarships. ACT-based teams have the extended use of boats, weight training, coaching and back-up facilities and financial support. The national teams mini regatta is a final race experience for all Australian crews and is now run annually by AIS Rowing.

Coaching development has not been extended. With the existing framework of the Apprentice Coach Scheme continuing, a national coaches' seminar has been successfully introduced to enhance the development of the seventeen national coaching appointments. The three-day seminar in May covered many areas in elite rowing performance. AIS coaches attended an Olympic Solidarity Rowing Seminar in New Zealand in October 1988 (Ellen Randell) while Reinhold Batschi and Peter Shakespear attended the annual World Body (FISA) Coaching Conference in Ireland in November 1988.

Apprentice coach Paul Thompson and former apprentice Peter Lanigan are currently coaching the Australian Sports Commission's, innovative Talent Identification Program which is largely an effort of Dr Allan Hahn and his physiology staff with support from the AIS coaches. While not specifically an AIS Rowing-funded project, this area promises to hold exciting prospects for rowing and thus is strongly encouraged by AIS Rowing in the form of facilities and coaching.

Rugby Union

The Australian Institute of Sport Rugby unit filled a void that has existed in Australian Rugby for some time. It provided a coordinated, nationwide approach to talent identification and development. The success during the first year should convince the Australian rugby community of the worth of supporting and complimenting the national cause.

The initial intake was forty-two, with four states represented. Queensland (13), New South Wales (16), ACT (12) and Western Australia (1). Full scholarships were awarded to twenty-eight players under twenty-one years old and fourteen players, who were over twenty-one and considered capable of benefiting from further instruction, were given associate scholarships.

All but one of the full scholarship holders available, were selected in their State U-21 teams. Seventeen of the twenty-eight were selected to represent Australia at U-21 level. Of the forty-two, seven were selected to play for the Australian Wallabies. They were Scott Gourley, Phillip Kearns, Sam Scott-Young, David Wilson, Tim Horan, Darren Junee and Jason Little.

Various other players represented Australia 'B' (8), The Australian Presidents XV (7), New South Wales (4), ACT (7), Queensland (8) and Western Australia (1).

For the first time, a combined Southern States team was chosen to tour the eastern seaboard of Australia to play against Queensland, New South Wales and ACT at U-21 level. This tour, totally supported by the Southern States and partly funded by these and the AIS, gave the better players from the disadvantaged States the opportunity to be considered for selection in the Australian U-21 Team to tour New Zealand. Indeed Tim Meecham from Western Australia did just that and with great distinction.

As we move into our second year, the Rugby Institute will be expanding their support role to Australian Rugby by introducing an 'Academy of Coaching' to assist the development of top level coaches and by the addition of a 'seven-a-side' strand to the playing program.

It is pleasing to report for the coming year I have received 118 applications for scholarships to AIS Rugby.

Thanks must be given to the Australian Sports Commission and staff for their support during the year. In particular the assistance and acceptance by Bob Fordham and the Australian Rugby Football Union has made the year a memorable one.

The Queensland Rugby Union and staff assisted greatly and are to be thanked.

Finally, both Brian O'Shea and myself are indebted to David Keating and his staff at the AIS Brisbane office.

Soccer

Head Coach	Ron Smith
Coach	Gary Cole
GK Coach	Paul Jones

In August 1988 the 'Challenge' series against the NSW State League clubs came to an end with seven wins, four draws and six losses. A marked improvement in the standard of our play was evident as the season progressed, with only one loss in the last nine matches. The season was disrupted by bad weather and monthly training camps for the national youth team which resulted in nine matches not being played.

The national youth team had a hectic schedule from August 1988 to February 1989 which had a significant impact on the AIS program. The youth squad was in camp at the AIS in October and November, and the following players represented Australia in all or one of the overseas matches that were played: Dominic Longo (capt.), Greg Mills, Steve Horvat, John Gibson, Greg Dickinson, Paul Welch, Stefan Jee, Shaun Murphy and Ned Zelic, while Dean Nicolau, Craig Hoogendoorn, Andrew Roberts, Steve Mautone, Andrew Petterson and Tony Telisman were involved in selection camps.

Two players, Steve Mautone and Greg Dickinson, have returned to the AIS in 1989 along with new recruits who are all eligible to represent Australia in the 1991 Youth World Cup (YWC). Andrew Petterson, who was not selected in the national youth team, went for trials at Luton Town in England and has since signed a two-year contract with the first-division club. John Gibson, Dominic Longo, Stefan Jee and Paul Welch signed with Blacktown City, Ned Zelic and Tony Telisman signed with Sydney Croatia, and Steve Horvat signed with Melbourne Croatia in the West End National League. Andrew Roberts, Shane Haddow and Craig

Hoogendoorn returned to play for their respective clubs in the State leagues in NSW, Qld and NSW.

The team is competing in the National Youth League in 1989 and is currently in third place on the table after playing nineteen games. The current season will be completed by mid-August and the following season will commence in November, going through until May 1990.

In January the squad went to Canada and the USA for a short tour which included seven matches in two weeks. This was the first opportunity for the lads to play together and the results were very encouraging with three wins, three draws and one loss recorded. The games were against State youth and provincial representative teams and a Canadian Youth Select Team, which also demonstrated that the development in these countries at this level is very progressive.

The national under-16 team had a very successful preparation and selection camp at the AIS in April 1989 as part of its build-up to the world championships in Scotland in June.

In October 1988 the AIS was host to the FIFA Coca-Cola Youth Academy which was for State youth and national youth league coaches. The course lasted for eight days under the direction of Mr Terry Casey, former national director of coaching of Wales, with support from AIS coaches and State directors. The instructors came from all over Australia and, under the direction of Ron Smith and the State directors, spent one week analysing the Level 2 course content and keeping up to date with the latest developments in the game. In March a Level 3 coaching course was held for twenty participants from NSW and the ACT under Ron Smith, Ron Tindall and Jim Shoulder. Many of the local candidates were well-known soccer players.

In the West End National Soccer League annual awards at the end of the 1989 season, former AIS players Frank Farina and Paul Trimboli were winners. Frank was the Players' Player of the Year for the second time and Paul won the Under-21 Player of the Year.

In January 1989 the World Indoor Soccer Championships were held in Holland and the following former AIS players were in the squad: Anthony Franken, Oscar Crino, Paul Trimboli, Warren Spink, Robert Hooker and Jason Polak.

Since the Olympic Games in September 1988, there have been several major international debuts during the World Cup qualifying rounds. Warren Spink, Jason Polak, Paul Trimboli and Andrew Bernal have joined the select number of players to make the grade from youth to senior level.

Once again, the soccer program has been sponsored by Adidas for clothing and footwear, and Mitre Sports have provided all soccer balls and accessories for the team. Reusch have provided the modern clothing and excellent gloves for the goalkeepers and the players, and staff are very thankful for the continued support.

Through satellite coaches Tim White, Bruce Stowell, Mike Wells, Dave Smith, John Ward, Ken Kaiser, David Lee and Steve Darby, the soccer program has been assisted quite considerably in identification and recruitment of the best young players in Australia.

In late 1988 Paul Jones was employed as the part-time coach for the goalkeepers. Paul was a scholarship holder in 1984 and 1985 and played for the national youth team in the Youth World Cup Finals in Russia.

Squash

Head Coach	Geoff Hunt
Coach	Heather McKay
Coach	Jeff Wollstein

I have been very pleased with the Squash Program during the year and especially the results produced by the senior players in international competition. I now believe we are only a whisker away from winning the world major titles — the British and World Opens, both in women's and men's squash.

In the four years since the program commenced, we have seen Rodney Martin develop into one of the world's best players. He has now played in two British Open finals only narrowly losing the final last April, and has established himself at world ranking fourth. He is one of the few players to have beaten the formidable world champion, Jahingir Khan. Three girls, Michelle Martin, Dannielle Drady and Sarah FitzGerald, have gone from good junior standard to now being all ranked in the world's open top ten at sixth, seventh and tenth respectively. They have all had wins over the other leading women contenders and have reached the latter stage of the major championships including the semi-finals of this year's World and British Opens. This year Rodney and Danielle both represented Australia at the world titles.

We are continuing to develop other players to be a major force in junior squash at international level, then propel them into the ever-improving senior game. Some, like Rodney Eyles, have reach world top sixteen level while most of the others have only just embarked on the competitive World Open circuit this year showing promising results.

Domestically, the AIS players, apart from a few other players, dominate Australian, State and other championships both at junior and senior level. This, of course, is helped by the attitude of the Australian squash players, most of whom want to apply to the Institute for scholarship support.

In the program this year, we have included twenty-two players aged from sixteen to twenty-five, some of whom were on three-month scholarships. This was possible because the senior players are away for long periods at the start and end of the year, enabling us to coach other players during that time. Some players were even brought in on visiting scholarships for a month at a time.

We have continued to develop the program this year, especially in providing more variety in the weekly activities as well as making it more structured than in the past. Also, we have made as much use as possible of the various specialist consultants in the fields of, among others, sports physiology, psychology and nutrition.

One of the most successful changes has been in the area of accommodation where we now rent houses for the athletes rather than pay for a block at Griffith University. Not only has it provided a better home-type environment for the athletes, but it has been a good saving in cost.

Due in part to sponsorship from Stellar and Garden City Shopping Centre, and very good prices from Puma, we have been able to outfit the players in tournament and training gear including running shoes and tracksuits.

Overall, I am pleased with the efforts of the other coaches and grateful for the enormous help from the Queensland administration which has ensured continued improvement in the players and smooth running of the program.

Swimming

Head Coach	Bill Sweetenham
Senior Men's Coach	Terry Gathercole
Senior Women's Coach	Bernie Mulroy
Coach	Judy Judson

1988 saw the Institute Swim Program with fifteen males and seven females plus three visiting athletes on scholarship.

These athletes were responsible for twenty-five international gold medals, twenty-five individual world-ranked performances, seven national and one Commonwealth record.

These outstanding performances were only possible with the continued assistance that is given to us by the summer coaches. In response, the Institute program continues its assistance to swimming coaches and athletes who are not directly associated with the AIS.

The year started out with the Uncle Toby's Swim Challenge, a series of three meets in Perth, Adelaide and Canberra; it gave Australian swimmers the opportunity to compete against the best that Europe has to offer without leaving our home soil. This opportunity was well and truly taken up by Simon Upton who swam personal best times in both the 100m backstroke and 400m freestyle. The AIS supported swimming by providing accommodation and other facilities for teams whilst they were in Canberra.

Institute of Sport head coach, Bill Sweetenham, plus five AIS swimmers departed our shores in February with the seven-member team for Europe. The Paris meet saw Rob Woodhouse set an Australian short course record in both the 200m and 400m medley. In doing this, he also broke the European short course record for the 400m individual medley.

David Wilson and Donna Procter went about rewriting the record books in Bonn, David breaking the open 200m butterfly record and Donna the 400m medley.

The national titles in February saw fourteen national titles go to AIS swimmers. The highlight of the meet was Simon Upton who broke Mark Kerry's 200m backstroke record which had stood since 1979.

April saw the Institute's Sheridan Burge-Lopez shoot to prominence with an Australian short course record in the 200m freestyle.

1988 being an Olympic year, Sydney was the chosen city for the Games Trials. The meet for AIS Swimming started out in great style with Donna Procter breaking the 400m individualmMedley Commonwealth record.

After the completion of this meet, the AIS had placed ten athletes on the Olympic team as well as a further two visiting scholarship recipients. After the Olympic team had been announced, Jason Plummer and Megan Johnston decided to continue their preparation for Seoul by taking up AIS scholarships.

Other Olympic team members such as Julie McDonald, Jon Sieben, Duncan Armstrong, and Suzie Baumer had obviously benefited from their experience and travel with the AIS swim team in previous years.

Apart from the Olympics, the trials were used as a selection for the Australian Youth Team which saw AIS swimmer Brent Harding named in the four-member team to compete in Monte Carlo in mid-June. At this meeting, Brent won both the 400m and 200m individual medley and placed second in the 200m backstroke.

Late May saw the Australian team take part in the Florida Mission Bay International Meet, with swimmers representing USA, West Germany, France and other European nations. As it turned out, this became Australia's most successful international meet for some time.

Rob Woodhouse and Janelle Elford were named male and female swimmers of the meet, and other outstanding performances were put in by Sheridan Burge-Lopez and David Wilson.

17–25 September were the dates for the best swim meet the world had seen for many years, with most countries attending the Olympics for the first time since 1976. AIS results were as follows:

Janelle Elford	400m FS	5th
	800m FS	6th
Donna Procter	400m IM	8th
Nicole Livingstone	100m BK	7th
	200m BK	5th
David Wilson	200m Fly	6th
Robert Bruce	200m IM	6th
Women's 4x100 Medley Relay		4th
Men's 4x200 FS Relay		4th
Men's 4x100 Medley Relay		6th

The 1988 year came to an end with the Annual Awards Banquet at the Federal Golf Club. This year the banquet took on a different angle with it also being the first AIS Swim Team Reunion, giving past team members the opportunity to reflect on days gone by.

The 1988 achievement awards were as follows:

Most Outstanding Swimmers:	Robert Bruce
	Donna Procter
Most Dedicated Swimmers:	Janelle Elford
	David Wilson
Most Improved Swimmers:	Sheridan Burge-Lopez
	Ian McAdam
Academic Achievement:	Brent Harding
	Michelle Gallen
4 Years World-ranked Performances:	Rob Woodhouse
Hall of Fame:	Michael McKenzie

The 1988 year was highlighted for the AIS swim team when the final world rankings for the year were published.

The Institute Program had been responsible for achieving world rankings for thirteen individual swimmers in a total of twenty-five events, as well as eight swimmers in relay teams making the top twenty-five in six individual relays. These results, easily the best ever recorded by an AIS swim team, were a fitting reward for the dedication that had been shown by all in that year.

Coach Judy Hudson left the AIS Swim Program in August, and the end of the year saw AIS women's senior coach, Bernie Mulroy, also leave the

program. Bill Nelson from Newcastle joined head coach, Bill Sweetenham, and senior coach, Terry Gathercole, for the 1989 year.

As February 1989 came round, the new Swim Team began arriving in Canberra and, at the completion of summer nationals, the team was properly formulated. The nationals in Melbourne saw scholarship swimmers collect nineteen medals and it would seem that things were on target for the coming New Zealand Nationals — the first time that they would come together under the banner of AIS Swimming. The meet was held in the newly completed Auckland Commonwealth Games Pool. The AIS team consisted of seven male and six female athletes who returned to Australia with thirteen gold, seven silver and four bronze medals. On return to Australia, other athletes joined the team to complete the making of the squad for 1989. The 1989 team is as follows:

Robert Bruce
Brent Harding
Gary Lord
Ian McAdam
Simon McKillop Davies
Martin Roberts
Philip Rogers
Ian Vander-Wal
Michael Weeding
David Wilson

Linley Frame
Louise Jamieson
Anne McCloghry
Jacqueline McKenzie
Angela Mullens
Donna Procter
Julie Anne Roberts

As in previous years, though not since 1987, the month of May saw AIS Swimming send a team of nine swimmers to Vancouver to compete in the 1989 Canada Cup Meet. The AIS team won a total of twelve medals —four gold, four silver and four bronze. Ian Vander-Wal was named male freestyle sprinter of the meets and Brent Harding and Jacqueline McKenzie, male and female individual medley swimmers of the meet.

The AIS was also represented on the Uncle Toby's Dolphins women's team to compete in Shanghai, China, in May with Angela Mullens being named on the nine-women team. AIS senior coach, Terry Gathercole, was selected as one of the coaches on the tour.

It was not until 29 May that the men's Uncle Toby's team left for a tour of Europe with meets in Monte Carlo, Paris and Florence. Gary Lord, David Wilson and Simon McKillop Davies travelled with a team of eight.

The success of the AIS swim team is directly attributed to the support of Speedo Holding and Barclays Bank and we continue to thank them for their support and contribution. The program would like to once again recognise the valuable support of Australian Sports Institute, Australian Swim Coaches Association, State swimming associations and clubs, as well as the summer coaches.

Tennis

The Institute's tennis program, with the support of McDonalds Junior Tennis Australia, develops top-line junior players who have the discipline and toughness to make the grade in open tennis.

The 1988 scholarship holders were:

Jason Stoltenberg, Todd Woodbridge, Jamie Morgan, Johan Anderson, Richard Fromberg, Carl Turich, Adam Anderson, Jo Anne Faull, Rennae Stubbs, Kate McDonald, Kristin Godridge, Angie Woolcock, Nicole Pratt, Kelli-Anne Johnston.

The 1989 scholarship holders are:

Jason Stoltenberg, Todd Woodbridge, Jamie Morgan, Johan Anderson, Richard Fromberg, Grant Doyle, Joshua Eagle, Paul Kilderry, Jo Anne Faull, Rennae Stubbs, Kristin Godridge, Angie Woolcock, Nicole Pratt, Kirrily Sharpe, Jane Taylor, Joanne Limmer, Kelli-Anne Johnston.

There have been many highlights in a very hectic and successful year. Current Institute players are now not only dominating national and international junior events, but they are making advances in senior competition. Jason Stoltenberg has gone on from his world number one junior ranking to become well established in the senior circuit. He reached the third round of the 1989 Australian Open and has had a win over French Open champion and world top-ten player Michael Chang. Although just out of junior ranks, Jason had already been ranked in the 80s in world tennis and this year has played his first Davis Cup match for Australia in Peru. Jo Anne Faull has also progressed from her world number two junior ranking. Currently ranked in the 60s in women's tennis, Jo Anne reached the fourth round of Wimbledon and the third round of the French Open. Richard Fromberg, Johan Anderson, Todd Woodbridge and Rennae Stubbs have also made significant advances on the world circuit.

These highlights were reinforced by many notable achievements in junior tennis. Jo Anne Faull was ranked number one in the world in junior doubles and number two in singles. Teaming with Rachel McQuillan, she won the 1988 Wimbledon junior doubles. Todd Woodbridge and Jason Stoltenberg finished their junior careers by winning the 1988 Wimbledon doubles championships. This gave them three out of the four junior grand slam events. Kristin Godridge, although only sixteen, was a semi-finalist at the Italian Open juniors and currently is number five in the world in the juniors. Nicole Pratt won the French junior doubles championships and, with Angie Woolcock, was runner-up in the Australian Open juniors. Kirrily Sharpe won two rounds at both the French Open juniors and Wimbledon. Jamie Morgan dominated the Australian junior circuit and the MJTA Nationals, the NSW Open juniors and the Victorian juniors. Newcomer Grant Doyle won the prestigious Avvenire Cup (the first Australian to do so since Pat Cash).

Institute players continue to dominate the men's satellite circuits. Richard Fromberg won both the Jarden Morgan satellite circuit in Queensland and the Australian men's satellite circuit in Victoria. He also paired with Johan Anderson to finish number one in the Victorian satellite.

Todd Woodbridge won the Victorian satellite masters and the Tasmanian Challenger events. Johan Anderson was the winner in both singles and doubles in the masters event at Warrandyte, Victoria. Jamie Morgan had his best result in senior tennis when he finished number two in singles of the 1989 NSW circuit. He won the singles at Wagga Wagga.

In the women's satellite events Rennae Stubbs and Kate McDonald won five out of six doubles in $10 000 women's events in Europe. Rennae was also a semi-finalist in Adelaide and a quarter-finalist in Melbourne, Canberra and Newcastle. Kristin Godridge reached the semi-finals in Canberra, won the doubles event in Adelaide and was runner-up in Melbourne. Kelli-Anne Johnston was a semi-finalist in the $10 000 women's event in Melbourne. Through satellite events in Australia and overseas, many of the AIS athletes have improved their world rankings.

Des Tyson joined the staff in January 1989. New scholarship holders are Grant Doyle, Joshua Eagle, Paul Kilderry, Jo Anne Limmer, Kirrily Sharpe and Jane Taylor.

The Australian Junior Development Program encompasses the Institute, which is supported by McDonalds Junior Tennis Australia and is jointly funded by the Australian Government, Tennis Australia and McDonalds Family Restaurants.

Track and Field

CANBERRA	
National Coordinator	Peter Bowman
Head Coach — Throws (National Event Coach — Discus)	Merv Kemp
Head Coach — Multiple Events Hurdles & Race Walking (National Event Coach — Hurdles and Olympic Coach)	Craig Hilliard
Head Coach — Distance (National Event Coach — Marathon)	Pat Clohessy
Special Projects and Meet Promoter	Brian Carman
Receptionist and Typist	Carol Grant
MELBOURNE	
Regional Coordinator (National Coach)	Tony Benson
Head Coach — Sprints and Middle Distance (National Event Coach — 400 metres and 4 x 400 metres)	Norm Osborne
Head Coach — Jumps (National Event Coach—Heptathlon)	Efim Shuravetsky
ADELAIDE	
Regional Coordinator and Coach (Head Olympic Coach)	Fletcher McEwen

BRISBANE
Regional Coordinator and Coach — Garry Brown

SYDNEY
National Coaching Information — Jack Pross

Following last year's implementation of the Institute's Track and Field National Scheme, further initiatives were taken in 1989. In this regard AIS sprints and middle distance coach, Norm Osborne, was transferred from Canberra to Melbourne to join jumps coach, Efim Shuravetsky, at Olympic Park. National coach, Tony Benson (employed by Athletics Australia), was appointed regional coordinator for Victoria. Already a large high-performance squad has been developed utilising Olympic Park and the Melbourne Grammar School. The Victorian Department of Sport and Recreation, pleased with the success, increased its financial contribution to the program this year. Our joint venture with the Victorian Government, which financed a program to assist athletes and coaches in major regions, such as Ballarat and Bendigo, has been a great success. An AIS talent identification athletic meet was also held in Ballarat for young Victorian country athletes.

In June 1989 the Queensland Government, together with the Brisbane City Council and the Queensland Athletic Association, joined in partnership with the AIS to establish a Track and Field Unit at QEII Athletic Stadium.

Commonwealth Games 400-metre hurdles gold medallist Garry Brown was appointed AIS regional coach for Queensland.

A strong partnership continues with the South Australian Institute of Sport (SASI) with regional coach Fletcher McEwen, working in tandem with coaches receiving grants from SASI and the AIS. Promising pole vaulter Tim Foster was granted a scholarship in Adelaide under national pole vault coach, Alan Launder.

In Western Australia, the Institute continued its strong association with the Western Australian Institute of Sport, where we give assistance to coaches and athletes when required.

The Institute's track and field coaches, who all hold important positions in the national coaching structure, continued to guide and counsel athletes across the nation and also played important roles in coaching clinics and seminars. In this regard, an Olympic Coaches Seminar was conducted in Janaury 1989 together with the AIS National Jumps Squad Training Camp.

Grants of $2000 were awarded to fifteen track and field coaches around Australia under the AIS Elite Coaches Assistance Scheme, further enhancing the activities of the Track and Field Unit. These grants were based on a points system depending on where the coach's athletes were rated on the various national squads. For example, Phil King, coach of Olympic gold medallist Debbie Flintoff-King, is one of these elite coaches.

Another initiative taken this year was the creation of a National Coaching Information Program to provide a source of coaching material for Australian coaches. Jack Pross conducts the program from Sydney in conjunction with the Australian Track and Field Coaches Association and the Commission's National Sport Information Centre. This year a coaching scholarship was awarded to Mr Bill Larsen from Tasmania. Mr

Larsen coaches a large squad of high-performance athletes and he will be joined at the Institute in Canberra by two champion Tasmanian athletes.

Professor Lyle Sanderson, a leading multi-event coach from Canada, joined our Canberra coaches for several months and provided a great deal of assistance and expertise to our program. We also had many visiting athletes from overseas including Sweden, United Kingdom, New Zealand, China and the United States.

The AIS Track and Field Program is no longer merely a scholarship system. A policy decision was made during the year to assist the following categories:

- — at Olympics (ie. last 16);
  — developing athletes with potential to make this standard;
- AIS and Athletics Australia Olympic Development Squad
- Annual grants to athletes ranked in the Top 15 in the world under the Sports Talent Encouragement Plan.

Athletes in these groups who represented Australia at the Seoul Olympics were:

Scholarships			Place in Top 16
Nicole Boegman	Long Jump		5th
Vanessa Browne	High Jump		
David Culbert	Long Jump		
Jane Flemming	Heptathlon and 100m Hurdles		7th
Gary Honey	Long Jump		
Andrew Lloyd	10 000m		
Andrew Jachno	20km and 50km Walk (19th)		
Simon Baker	20km and 50km Walk	11th	6th
Sally Fleming	400m Hurdles		
Carolyn Schuwalow	10 000m (17th)		

Other Assistance

Darren Clark	400m	4th
Debbie Flintoff-King	400m Hurdles	1st
Robert de Castella	Marathon	8th
Maree Holland	400m	8th
Stephen Moneghetti	10 000m and Marathon	5th
Jackie Perkins	3000m and 10 000m	
Brad Camp	Marathon	
Lisa Martin	Marathon	2nd

The Institute also assisted athletes in other national squads with accommodation, training facilities and sports medicine.

Coach Merv Kemp led a high-performance group of AIS throwers, including athletes from Adelaide and Melbourne, to Europe in July 1988 and later managed a team to the Robin Tait International in New Zealand in January 1989.

One of the most successful groups at the Institute is the race walking team coached by Craig Hilliard. Simon Baker, as well as being placed sixth in the Olympic 50km walk, won the gold medal at the World Race Walking Cup held in Barcelona. Andrew Jachno was placed 19th in the Olympic 50km walk. In women's walking there is no equal in the world to Kerry Saxby. She has achieved twenty world records and this year held world records for 3000 metres (12 min. 13), 5000 metres (20 min. 32), 10 000 metres (43 min. 26) and 10 000 metres world best on road at 41 min. 30. Kerry also won the World Indoor 3000 metres Championship in a world indoor record of 12 min. 01. She finished the year with a second in the World Race Walking Cup 10 000 metres road race. Special mention should be made of scholarship holders, long jumper Nicole Boegman and heptathlete Jane Flemming, who have shown tremendous improvement to finish fifth and seventh respectively in the Olympics. The Track and Field Unit was proud to be the first AIS sport to provide a scholarship to an athlete with a disability. Russell Short, aged 19 years, who is in the visually impaired class, was coached by Merv Kemp to win gold medals in javelin and discus, and a bronze in the shot-putt at the 1988 Paralympics in Seoul. Russell broke the world record twice for the B2 class discus. Russell surprised the regulars at the Australian Championships (that is, for the able-bodied) when he won the silver medal in the under-20 years discus.

The Gary Knoke Memorial Scholarship, in memory of a great athlete and Institute coach, was awarded to promising 400 metre hurdler Darren Wright.

The Institute conducted six athletic meets that are now on the Athletics Australia national calendar. The AIS Drug Offensive Athletic Meets in Melbourne, Sydney and Brisbane and the AIS Seiko Athletic Meet in Canberra, which attracted large and enthusiastic crowds, drew quality fields including many overseas athletes. The Coca Cola Distance Meet and the AIS Drug Offensive Half Marathon were also conducted by the Institute and were very successful due to the organisation of Meet Promoter Brian Carman and the relevant State athletic associations. All AIS Track and Field Meets were subject to drug testing.

The Institute Track and Field Unit is extremely grateful to Adidas for its major sponsorship. The athletic meets were also successful due to the sponsorship from the National Campaign Against Drug Abuse, Seiko, The Australia Day Sports Committee, Coca Cola and other sponsors. We thank Athletics Australia for its assistance this year.

Water Polo

Head Coach	Charles Turner
Coach	Don Cameron

The Institute's Water Polo Program aims to provide Australia with players of an international standard for both junior and senior national teams.

The major event of 1988 was the Seoul Olympics. The Olympic squad, consisting of scholarship holders Simon Asher, John Fox, Andrew Taylor, Troy Stockwell, Ray Mayers and Andrew Wightman, former scholarship holder Don Cameron and former associate scholarship holders Chris Harrison and Chris Wybrow, produced good form to finish a credible eighth overall. After some early losses to West Germany (13–11), USSR

(11–4) and Italy (7–5), Australia bounced back and defeated sixth-place Spain (8–7), France (7–6) and South Korea (13–2) before losing to Hungary (12–5).

The head coach of AIS water polo, Charles Turner, was appointed the national coach and Charles' assistant AIS coach, Don Cameron, was appointed national coaching director in early 1989.

Hobart was the host city of the 1989 National Water Polo Championships held in January. Many of the competing teams consisted of AIS scholarship holders and former scholarship holders. Victoria was victorious on this occasion, defeating Western Australia in the grand final 6–3.

Following the national championships, the Australian Club Championships were held, once again at the AIS Swimming Hall. Cronulla-Sutherland won the title in extended time, 13–12. The Institute was well represented in the grand final with eleven of the twenty contestants being former AIS scholarship holders.

April was the beginning of the Inaugural Speedo East Coast League. The League included the strongest clubs in Australia (Cronulla, Richmond, Universities, Balmain and Western Suburbs). The AIS team in its debut showed the value of the residential program. Although playing often with some of its members absent (due to commitments to home clubs), the AIS Angels reached the grand final, only to lose in a close one to Richmond (9–7).

In June the joint AIS-Australian team departs for Europe for a six-nation tournament. This touring team will have its training base in West Germany.

AUSTRALIAN SPORTS COMMISSION

FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE, 1989

In our opinion, the accompanying statements of the Australian Sports Commission consisting of:

* Statement of Activity
* Statement of Capital Accumulation
* Statement of Assets and Liabilities
* Statement of Sources and Applications of Funds
* Notes to and forming part of the Financial Statements

which have been made out in accordance with the Guidelines for the Form and Standard of Financial Statements of Commonwealth Undertaking:

(i) show fairly the operations of the Commission for the year ended 30 June, 1989

(ii) show fairly the state of affairs of the Commission at 30 June, 1989

Canberra, December 1989

Chairman

Deputy Chairman

STATEMENT OF ACTIVITY
FOR THE YEAR ENDED 30 JUNE, 1989

	Notes	1989 $	1989 $
REVENUE			
Commonwealth Parliamentary Appropriation			
—Recurrent expenses		26 203 000	29 409 876
—Capital works & services		1 062 000	—
Transfer to Statement of Capital Accumulation for the purchase of capital items		(1 062 000)	(1 600 446)
		26 203 000	27 809 430
Australian Sports Aid Foundation	2	5 585 205	4 593 312
Contributions from State Governments and national sporting organisations	3	486 876	183 845
Sponsorship	4	652 114	621 934
Revenue from public use of facilities	5	1 125 936	1 130 900
Interest from investments/deposits		527 282	232 420
Residence revenue		667 337	459 979
AIS shop		322 477	257 898
Special grants	6	94 900	153 443
Miscellaneous revenue		198 996	182 262
Net gain from sale of non-current assets		19 671	39 296
Total Revenue		35 883 794	35 664 719
EXPENSES			
Programs:	7		
—Sports		23 691 806	24 342 264
—Foreign Relations & Exchanges		32 148	50 767
—Sports Facilities		4 356 985	3 803 432
—Sports Science/Medicine & Research		1 863 074	1 854 156
—National Sports Information Service		379 301	266 740
—Marketing & Public Relations		527 956	398 933
—Corporate Services		2 676 498	2 886 420
		33 527 768	33 602 712
Australian Sports Aid Foundation	2	37 363	35 474
AIS shop		253 843	217 468
Special grants	9	84 616	171 922
Total Expenses		33 903 590	34 027 576
Surplus/(Deficit) of revenue over funded expenses		1 980 204	1 637 143

Less provisions and other unfunded charges:			
—Annual leave		437 796	709 173
—Long service leave		312 114	238 009
—Depreciation		1 071 277	1 168 911
—Superannuation benefits		186 634	42 163
Surplus/(Deficit) before abnormal items		2 007 821	2 158 256
Abnormal items	12	(1 326 530)	—
Surplus/(Deficit) transferred to Statement of Capital Accumulation		(1 354 147)	(521 113)

The accompanying notes form an integral part of the Financial Statements

STATEMENT OF CAPITAL ACCUMULATION FOR THE YEAR ENDED 30 JUNE, 1989

	Notes	1989 $	1988 $
Balance at 1 July		6 518 469	5 410 079
Funds transferred from Statement of Activity for acquisition of capital items		1 062 000	1 600 446
Capital Equipment in-kind	4	15 816	29 057
Surplus/(Deficit) transferred from Statement of Activity		(1 354 147)	(521 113)
Balance at 30 June, transferred to Statement of Assets and Liabilities		6 242 138	6 518 469

The accompanying notes form an integral part of the Financial Statements

STATEMENT OF ASSETS AND LIABILITIES FOR THE YEAR ENDED 30 JUNE, 1989

	Notes	1989 $	1988 $
ACCUMULATED FUNDS			
Balance transferred from Statement of Capital Accumulation		6 242 138	6 518 469
Represented by:			
CURRENT ASSETS			
Cash at bank, on hand and on deposit	10	5 016 127	3 376 138
Sundry debtors and prepayments	11	887 868	925 870
Interest receivable		58 103	26 589
Stock on hand		87 985	72 624
Trade stock — AIS shop		148 773	109 897
Total Current Assets		6 198 856	4 511118
NON-CURRENT ASSETS	13		
Furniture and fittings		122 257	1 116 049
Plant and equipment		1 853 972	2 838 748
Motor vehicles		618 146	445 878
Buildings and property		399 277	279 857
Leasehold improvements		233 663	141 067
Total Non-current Assets		3 227 315	4 821 599
Total Assets		9 426 171	9 332 717
CURRENT LIABILITIES			
Creditors and accrued expenses	14	1 549 829	1 543 854
Provision for annual leave		631 469	671 034
Provision for long service leave		522 892	258 759
Provision for superannuation benefits	15	14 815	12 179
Revenue in advance		—	24 956
Total Current Liabilities		2 719 005	2 510 782
NON-CURRENT LIABILITIES			
Provision for long service leave		2 58 542	273 482
Provision for superannuation benefits	15	206 486	29 984
Total Non-Current Liabilities		465 028	303 466
Total Liabilities		3 184 033	2 814 248
NET ASSETS		6 242 138	6 518 469

The accompanying notes form an integral part of the Financial Statements

STATEMENT OF SOURCES AND APPLICATIONS OF FUNDS
FOR THE YEAR ENDED 30 JUNE, 1989

	Notes	1989 $	1988 $
SOURCES OF FUNDS			
Funds from operations			
Inflows of funds from operations			
Contributions from State Governments and national sporting organisations		486 876	183 845
Sponsorship		652 114	621 934
Revene from public use of facilities		1 125 936	1 130 900
Interest from investments/deposits		527 282	232 420
AIS shop		322 477	257 898
Residence revenue		667 337	459 979
Special Grants		94 900	153 443
Miscellaneous revenue		198 996	182 262
Australian Sports Aid Foundation		5 585 205	4 593 312
Funds from Government			
Parliamentary Appropriation			
Recurrent expenses		26 203 000	29 409 876
Proceeds from sale of non-current assets			
Plant and equipment		179 343	206 414
		36 043 466	37 432 283
Less: Outflows of funds from operations		35 389 729	34 194 647
Net funds from operations	17	653 737	3 237 636
Funds from Government			
Capital Works and Services		1 062 000	—
Capital equipment in-kind		15 816	29 057
Reduction in Assets			
Current Assets			
Sundry debtors and prepayments		38 002	—
Non-current Assets			
Plant and equipment		1 368 981	167 118
Motor vehicles		117 219	—
Increase in liabilities			
Current Liabilities			
Creditors and accrued expenses		5 975	952 334
Total sources of funds		3 261 730	4 386 145

The accompanying notes form an integral part of the Financial Statements

STATEMENT OF SOURCES AND APPLICATIONS OF FUNDS FOR THE YEAR ENDED 30 JUNE, 1989

	Notes	1989 $	1988 $
APPLICATIONS OF FUNDS			
Increase in Assets			
Current Assets			
Cash at bank, on hand and on deposit		1 639 989	1 518 416
Sundry debtors and prepayments		—	421 234
Interest receivable		31 514	—
Stock on hand		15 361	932
Trading stock—AIS shop		38 876	64 278
Accrued revenue		—	85 072
Non-current Assets			
Plant and equipment		474 195	1 426 138
Building and property		130 670	203 365
Motor vehicles		275 390	—
Leasehold improvements		83 000	—
Reduction in Liabilities			
Current Liabilities			
Revenue in advance		24 956	52 883
Recreation leave paid		477 361	574 665
Long service leave paid		62 921	39 162
3% superannuation paid		7 497	—
Total applications of funds		3 261 730	4 386 145

The accompanying notes form an integral part of the Financial Statements

NOTES TO AND FORMING PART OF THE FINANCIAL STATEMENTS FOR THE YEAR ENDED 30 JUNE, 1989

1. STATEMENT OF SIGNIFICANT ACCOUNTING POLICIES

The principal accounting policies adopted by the Australian Sports Commission are stated to assist in the general understanding of these financial statements. These policies have been consistently applied by the Commission except as otherwise indicated.

(a) Basis of Accounting

(i) The financial statements have been prepared on a full accrual basis and incorporate the financial activities of the former Australian Sports Commission (ASC) and Australian Institute of Sport (AIS).

(ii) The financial statements have been prepared on the basis of historical costs and do not reflect current valuation of non-current assets.

(iii) The financial statements incorporate the activities of the Australian Sports Aid Foundation.

(iv) Because of the method of recording expenditure in 1987–88, it has not been possible to reasonably apportion some expenses on a Program basis for that year. This mainly applies to a number of administrative expenses of the former Commission which have been included in the Corporate Services Program expenditure item in the Statement of Activity.

(v) The legislation amalgamating the former Australian Sports Commission and the Australian Institute of Sport was proclaimed on 1 May 1989.

(b) Capitalisation of Assets

All assets purchased during 1988–89 were capitalised if their purchase price was $500 or over. Assets transferred to the Commission from the former ASC and AIS, following the amalgamation of these bodies were brought to account as at 1 May 1989 at their written down value at that date.

(c) Depreciation

Assets are depreciated over their anticipated useful lives using the straight line method, with depreciation commencing from the date of acquisition. Profits and losses on disposal of property, plant and equipment, other than land are taken into account in determining the surplus for the year.

(d) Investments

The Commission banks with the Australia and New Zealand Banking Group Limited. Funds not immediately required are invested by way of term deposit or short term call account.

(e) Annual and long service leave

The amounts expected to be paid to employees for their pro-rata entitlement to long service and annual leave are accrued annually at current wage rates. For long service leave, the estimate is based on a qualifying period of ten years eligible employee service, including previous eligible service with Commonwealth or State Governments/Authorities and is accrued from the commencement of the sixth year of eligible service.

The provision for annual leave is based on the value of actual entitlements at balance date and includes a leave loading component. Payment of long service and annual leave are funded from Parliamentary appropriation on an as required basis.

(f) Income tax

The Commission is exempt from taxation by virtue of section 50 of its enabling legislation. Consequently, no provision for income tax is required.

(g) Sponsorship

Sponsorships are brought to account as and when received.

(h) Land and building

Ownership of the land and buildings at Bruce ACT site of the Commission is vested in the Commonwealth.

2. AUSTRALIAN SPORTS AID FOUNDATION

The Australian Sports Aid Foundation which was incorporated on 18 February 1986, as a company limited by guarantee, changed its name to the Australian Sports Foundation on 2 August 1989. The objective of the Foundation is to raise money for the purposes of the Commission. All funds raised by the Foundation are passed to the Commission.

	1989 $	1988 $
Income derived by the Foundation comprises:		
Donations	5 515 114	4 542 053
Interest	64 885	29 446
Sponsorship	5 206	21 813
	5 585 205	4 593 312

The financial statements do not reflect the cost of managerial, technical and professional services and resources provided by the Commission under arrangements between the Commission and the Foundation. The cost of such services provided during the year ended 30 June 1989 was approximately $80 000 ($61 900 in 1987–88).

	1989 $	1988 $
Expenses incurred by the Foundation comprise:		
Accountancy fees	12 020	9 209
Auditor's remuneration	2 637	3 152
Bank charges	354	668
Incidentals	1 737	1 689
Office requisites, printing, etc.	2 718	1 329
Salaries and related expenses	15 131	12 978
Travel and subsistence	2 766	6 449
	37 363	35 474
Accumulated funds of the Foundation comprise:		
Operating account	4 014	6 180
Donations account	1 760 584	1 027 658
	1 764 598	1 033 838

3. CONTRIBUTIONS FROM STATE GOVERNMENTS AND NATIONAL SPORTING ORGANISATIONS

	1989 $	1988 $
New South Wales	15 000	—
Queensland	61 450	58 200
South Australia	25 855	56 645
Victoria	24 371	12 000
Western Australia	60 200	57 000
Australian Cricket Board	150 000	—
Australian Rugby Football Union	150 000	—
	486 876	183 845

To assist in running the Diving and Squash Units located in Brisbane, the Queensland Government and the Brisbane City Council provided facilities and services free of charge having an estimated value of $120 000 ($110 000 in 1987–88). Details are as follows:

- Sleeman Sports Complex — office accommodation, cleaning, power and training facilities (diving pool, gymnastics and weight training halls).
- QEII Sports Complex — squash courts, training tracks and weights gymnasium.

To assist in running the Cycling and Cricket Units in Adelaide, the South Australian Government through the South Australian Sports Institute, provided facilities for coaching services, sports medicine services and administrative support free of charge having an estimated value of $115 855 ($71 645 in 1987–88).

To assist in running the Hockey Unit in Perth, the Western Australian Government through the Department of Youth, Sport and Recreation provided facilities free of charge having an estimated value of $34 400 ($31 490 in 1987–88).

4. SPONSORSHIP	1989 $	1988 $
Cash Sponsors	336 194	432 730
Endorsements	183 163	125 611
Scholarships	55 750	13 750
Signage	77 007	49 843
	652 114	621 934
Capital equipment In-kind		
Computer hardware	15 816	29 057

In addition, the Commission received training equipment, computer software, motor vehicle hire, medical items and wearing apparel by way of sponsorship in kind. The assessed value to the Commission was $411 135 ($464 045 in 1987–88.)

5. REVENUE FROM FACILITIES USAGE	1989 $	1988 $
Indoor Stadium	370 333	392 284
Outdoor Stadium	65 334	45 031
Aquatic-Tennis Centre	431 992	430 474
Frank Stewart Training Facilities	111 606	117 681
Other	146 671	145 430
	1 125 936	1 130 900

6. SPECIAL GRANTS — REVENUE	1989 $	1988 $
Adolescent Development Study	—	3 000
Excel Publication	42 900	46 983
Rexona — de Castella Grant	—	10 000
AANA Gweneth Benzie Award	—	1 270
NSWNA Award	—	1 190
McDonalds Tennis	30 000	30 000
Micronutrient Study — Vita Glow P/L	—	4 000
Rowing Study	—	10 000
Fitness Profile Study — Repco	—	(3000)
Australian Basketball Federation	10 000	20 000
Iron Study — Australian Meat and Live-Stock Corporation	12 000	30 000
	94 900	153 443

7. PROGRAMS EXPENDITURE

The total expenditure on programs disclosed in the Statement of Activity can be reclassified as follows:

	1989 $	1988 $
Salaries and related costs	7 989 571	6 544 902
Travel and subsistence	2 896 138	2 078 042
Grants	15 061 753	18 419 929
Administrative and other expenses	7 580 306	6 559 839
TOTAL	33 527 768	33 602 712

Also included in the Program expenses are the funds raised by the Australian Sports Aid Foundation and passed to the Commission in 1988–89 for payment to various bodies. All funds received in 1988–89 were paid out. Details of the payments are as follows:

	1989 $	1988 $
Assistance to National Sporting Organisations	2 203 530	2 175 760
Olympic Games Assistance	1 108 236	1 538 073
Olympic for Melbourne Fund	1 531 333	—
Other Sponsorship	8 983	14 221
	4 852 082	3 728 054

8. COMMISSIONERS' REMUNERATION

Included in the Corporate Services Program expenses item in the Statement of Activity is the remuneration paid to the Commissioners. In 1988–89 a total of $98 286 ($105 908 in 1987–88) was paid to the Commissioners as remuneration.

The number of Commissioners paid by salary band is as follows:

below $10 000	14
$10 000–$20 000	2

As from 1 May 1989, there were no full time Commissioners. Prior to that date, the Deputy Chairman was the only full time position on the Commission.

All remuneration paid to the Commissioners was in accordance with a determination of the Remuneration Tribunal.

9. SPECIAL GRANTS — EXPENDITURE

	1989 $	1988 $
Adolescent Development Stucy	743	1 654
Excel Publication	12 873	55 413
Rexona — de Castella Grant	4 681	11 655
NSWNA Award	1 190	600
AANA Gweneth Benzie Award	1 270	—
UNISYS (Burroughs) Scholarship	—	900
McDonalds Tennis	8 000	21 000
Micronutrient Study — Vita Glow P/L	—	2 000
Fitness Profile Study — Repco	12	25 143
Pistol Shooting Study	1 064	11 093
Cycling Study	7 556	13 364
Swimming Study	3 282	—
Rowing Study	16 840	2 994
Blood Study	706	8 066
Australian Basketball Federation	8 216	12 198
Repco Scholarship	—	2 832
Iron Study — Australian Meat & Live-Stock Corporation	18 183	3 010
	84 616	171 922

10. CASH AT BANK, ON HAND AND ON DEPOSIT

	1989 $	1988 $
Australian Sports Commission	3 329 673	2 340 669
Australian Sports Aid Foundation	1 686 454	1 035 469
	5 016 127	3 376 138

11. SUNDRY DEBTORS AND PREPAYMENTS

	1989 $	1988 $
Prepayments		
Australian Sports Commission	275 272	610 525
Sundry debtors		
Australian Sports Commission	611 708	347 350
Less provision for doubtful debts	(81 538)	(37 505)
Australian Sports Aid Foundation	82 424	5 500
	887 866	925 870

12. ABNORMAL ITEMS

As part of a complete review of asset control procedures, the ASC, following a recommendation of the Australian Audit Office, increased its asset capitalisation limit from $100 to $500. A full stcktake of the site has also been undertaken and forms the basis of the value of non-current assets shown in the Statement of Assets and Liabilities.

The abnormal item represents the written down value of assets purchased prior to 1988–89 and written off during the financial year. In the main, the write-off of assets resulted from the change in the capitalisation limit and also includes losses and deficiencies revealed in the course of the stocktake. A dissection between the two categories cannot be readily ascertained. However, the historic cost of those assets value between $100 and $500 is estimated at $1 200 235.

13. NON-CURRENT ASSETS

Non-current assets are included in the financial statements on the following basis:

	1989 $	1988 $
Furniture and fittings*	265 649	1 589 001
Less accumulated depreciation	143 392	472 952
	122 257	1 116 049
Plant and equipment	5 017 103	5 765 047
Less accumulated depreciation	3 163 131	2 926 299
	1 853 972	2 838 748
Motor vehicles	857 992	511 093
Less accumulated depreciation	239 846	65 215
	618 146	445 878
Buildings and property	300 001	300 001
Work in progress	130 670	—
	430 671	300 001
Less accumulated depreciation	31 394	20 144
	399 277	279 857
Leasehold improvements	284 516	153 364
Less accumulated depreciation	50 853	12 297
	233 663	141 067
Total Non-current Assets	6 855 931	8 318 506
Less accumulated depreciation	3 628 616	3 498 407
	3 227 315	4 821 599

*Includes the assets of the Australian Sports Aid Foundation as follows:

	1989 $	1988 $
Furniture and fittings	313	313
Less accumulated depreciation	132	69
	181	244

14. CREDITORS AND ACCRUED EXPENSES

	1989 $	1988 $
Accrued expenses—		
Australian Sports Commission	685 243	507 500
Australian Sports Aid Foundation	4 422	3 865
Sundry creditors—		
Australian Sports Commission	860 125	1 028 979
Australian Sports Aid Foundation	39	3 510
	1 549 829	1 543 854

15. SUPERANNUATION

The June 1986 National Wage Decision made provision for employers and unions to negotiate new and/or additional superannuation agreements costing 3% of ordinary time wages.

The Commonwealth Government agreed to the 3% overall superannuation benefit with 1.5% commencing 1 January 1988 and the balance no later than 1 January 1989.

The *Superannuation Benefit (Interim Arrangements) Act 1988* provides an interim arrangement for employers to pay the superannuation benfit. Provision is included for the Commissin's estimated liability at 30 June 1989 of the accumulated entitlement for eligible employees. The total liability provided for is $221 301. Of this $14 815 is estimated to be current.

Under the terms of the *Superannuation Act 1976*, the Commission is required to make employer superannuation contributions for its employees. The Commission's employer contribution is at the rate of 20.5% of salaries for superannuation purposes as recommended by the Australian Government Actuary. During the year, the Commission paid a total of $769 191 for superannuation ($657 439 in 1987–88). This expense is spread across the various Program costs as shown in the Statement of Activity.

16. TRUST FUNDS

The Commission operates the following Trust Funds.

- The AIS Development Trusts
- The Gary Knoke Memorial Scholarship Trust
- Promoters Trust

Financial Statements prepared on a cash accounting basis for the three Trust Funds operated during 1988–89 are as follows:

AIS Development Trust

Financial Statement for the year ending 30 June 1989

	1989 $	1988 $
Income		
Interest	29 500	20 168
Donations	(1 036)	2 062
	28 464	22 230
Expenditure	5	—
Excess of income over expenditure	28 459	22 230
Add Accumulated Funds at 1 July	165 916	143 686
Accumulated Funds at 30 June	194 375	165 916
Represented by:		
Cash at bank	194 375	165 916
Interest accrued as at 30 June but not brought to account	18	4 724

Gary Knoke Memorial Scholarship Trust

Financial Statement for the year ending 30 June 1989

	1989 $	1988 $
Income		
Seat Sponsorship	1 200	1 050
Donations	—	20
Interest	3 341	2 186
	4 541	3 256
Expenditure	164	—
Excess of income over expenditure	4 377	3 256
Add Accumulated Funds at 1 July	20 058	16 802
Accumulated Funds at 30 June	24 435	20 058
Represented by:		
Cash at bank	24 435	20 058
Interest accrued as at 30 June but not brought to account	40	498
# Commitments contracted as at 30 June	—	1 018

PROMOTERS' TRUST

The Commission also operates a Promoters' Trust account, into which it deposits monies received in the course of conducting events at the Institute. These monies are held until such time as the event(s) is/are completed and all costs associated with the event(s) have been finalised. The remaining funds are then apportioned between the Promoter and the Commission, in accordance with the terms of each agreement.

	1989 $
Income	
Promoters' deposits	61 300
Ticket sales	1 973 609
Interest on investments	12 275
	2 047 184
Expenditure	
Payments to Promoters	1 770 258
Payment to ASC	212 336
	1 982 594
Excess of income over expenditure	64 590
Add Accumulated Funds 1 July	27 159
	91 749
Represented by:	
Cash at bank	74 749
Fixed term investments	17 000
	91 749

No comparative figures are available for 1987–88. In 1987–88 the operations of the trust account were combined with the operations of the previous Australian Institute of Sport.

17. RECONCILIATION OF FUNDS FROM OPERATIONS

	1989 $	1988 $
Surplus/(Deficit) per Statement of Activity	(1 354 147)	(521 113)
Add:		
• Provision and other unfunded charges	2 007 821	2 158 256
• Depreciation — Australian Sports Aid Foundation	63	47
• Recurrent Parliamentary Appropriation transferred to Statement of Capital Accumulation	—	1 600 446
Net Funds from Operations	653 737	3 237 636

18. CAPITAL COMMITMENTS AND CONTINGENT LIABILITIES

	1989 $	1988 $
Capital commitments contracted but not included in these accounts	1 240 328	591 342

19. AUDIT FEES

The cost of audit fees provided by the Australian Audit Office (AAO), to the former Australian Sports Commission, which are not included in the financial statements, was approximately $33 463 ($35 318 in 1987–880). The audit fee paid by the former Australian Institute of Sport to the AAO was $46 580 in 1988–89 ($59 595 in 1987–88) and are reflected in the financial statements.

20. BREACH OF THE LEGISLATION

The following breach has occurred:

Grants

Under sub-section 7(1)(d) of the *Australian Sports Commission Act 1985*, the Commission, may with the written approval of the Minister, make grants or lend money, and provide scholarships or like benefits. On 31 August 1988, the Commission made a series of payments (totalling $75 296) to the State and Territory Education Departments under the Aussie Sports Program, for which Ministerial approval was not given until 19 October 1988.

AUSTRALIAN AUDIT OFFICE

Medibank House,
Woden
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Canberra, ACT 2601
Facsimile (062) 851223

Please quote F89/261

21 December 1989

The Honourable the Minister for
the Arts, Sport, the Environment,
Tourism and Territories
Parliament House
CANBERRA ACT 2600

Dear Minister

AUSTRALIAN SPORTS COMMISSION
AUDIT REPORT ON FINANCIAL STATEMENTS

Pursuant to section 61 of the Australian Sports Commission Act 1989, the Australian Sports Commission has submitted for my report its financial statements for the year ended 30 June 1989. These comprise a statement of activity, statement of capital accumulation, statement of assets and liabilities, statement of sources and applications of funds, notes to and forming part of the financial statements, and certificate on financial statements.

The statements have been prepared in accordance with the policies outlined in Note 1 to the financial statements and in accordance with the Guidelines for the Form and Standard of Financial Statements of Commonwealth Undertakings approved by the Minister for Finance. The statements are in the form approved by the Minister for Finance pursuant to section 61 of the Australian Sports Commission Act 1989. A copy of the financial statements is enclosed for your information.

These statements have been audited in conformance with the Australian National Audit Office Auditing Standards.

In accordance with the provisions of section 61 of the Australian Sports Commission Act 1989, the statements relate to the financial transactions of:-

the Australian Sports Commission (the previous Commission) established by the Australian Sports Commission Act 1985 and repealed by section 60 of the Australian Sports Commission Act 1989 effective from 1 May 1989

- the Australian Institute of Sport (the previous Institute) established by section 4 of the Australian Institute of Sport Act 1986 and repealed by section 60 of the Australian Sports Commission Act 1989 effective from 1 May 1989, and

- the Australian Sports Commission established by the Australian Sports Commission Act 1989 proclaimed to commence from 1 May 1989.

In accordance with section 61 of the Australian Sports Commission Act 1989, I now report that the statements are in agreement with the accounts and records of the authority, and in my opinion:

- the statements are based on proper accounts and records

- the statements show fairly the financial transactions of the previous Commission and the previous Institute during the period 1 July 1988 to 30 April 1989

- the statements show fairly the financial transactions of the Australian Sports Commission during the period 1 May 1989 to 30 June 1989, and the state of its affairs at 30 June 1989

- the receipt, expenditure and investment of money and the acquisition and disposal of assets, by the previous Commission and the previous Institute during the period 1 July 1988 to 30 April 1989 have been in accordance with the Australian Sports Commission Act 1985 and the Australian Institute of Sport Act 1986, and

- the receipt, expenditure and investment of money and the acquisition and disposal of assets, by the Australian Sports Commission during the period 1 May 1989 to 30 June 1989 have been in accordance with the Australian Sports Commission Act 1989.

Yours sincerely

Australian National Audit Office

J.R. Martin
Assistant Auditor-General

Appendix 1

Sports Development Program 1988–89

Sport	Administration			Coaching		Internat'l Comp			Meetings		Develop	
	Director	General	Staff	Director	General	O/Seas	Aust	Admin	Coach	Exec	Projects	Total
Archery		5 000			3 000	4 000					3 000	15 000
Athletics	30 000		10 000	30 000	10 000	50 000		3 000	1 000		30 000	164 000
Australian Football	30 000				15 000						75 000	120 000
Auto Cycle		5 000			2 000	10 000		1 000		1 000		19 000
Badminton	12 000	3 000			3 000	2 000		500		500	5 000	26 000
Baseball	30 000		10 000	30 000	15 000	25 000	15 000	1 000		2 000	28 000	156 000
Basketball	30 000		10 000	30 000	6 000	13 000		1 000		1 000	40 000	131 000
Biathlon						1 000					2 000	3 000
Bicycle Motocross		3 000			3 000		10 000	2 000		1 000	1 000	20 000
Billiards & Snooker		2 000				3 000	30 000	1 000				36 000
Bocce		3 000		12 000	5 000	5 000	10 000	1 000				36 000
Bowhunters						5 000						5 000
Bowls M	30 000				5 000			1 000			5 000	41 000
Bowls W		5 000			1 000	2 000					2 000	10 000
Boxing	12 000				3 000	8 000		1 000		1 000	2 000	27 000
Canoeing	30 000	5 000		12 000	10 000	20 000		2 000	1 000	2 000	10 000	92 000
Casting						3 000						3 000
Cricket M	30 000				30 000	20 000		2 000			30 000	112 000
Cricket W	25 000		10 000		3 000		35 000				15 000	88 000
Croquet		3 000			1 000						1 000	5 000
Cycling	30 000		10 000	25 000	10 000	8 000	15 000		1 000	1 000	25 000	125 000
Darts		2 000				2 000				1 000		5 000
Diving	30 000	3 000			7 000	10 000	15 000		2 000	1 000	4 000	72 000
Equestrian	30 000	5 000		10 000	10 000	8 000		3 000			5 000	71 000

Appendix 1 — *continued*

Sport	Administration			Coaching		Internat'l Comp			Meetings		Develop	
	Director	General	Staff	Director	General	O/Seas	Aust	Admin	Coach	Exec	Projects	Total
Fencing		5 000			2 000		3 000	1 000			2 000	13 000
Fishing	30 000	25 000					5 000	1 000			15 000	76 000
Gliding		10 000		25 000		10 000		2 000		1 000		48 000
Golf M	30 000		10 000	30 000	8 000	9 000					7 000	94 000
Golf L	25 000					10 000	10 000					45 000
Gymnastics	30 000		10 000	30 000	13 000	20 000	25 000	2 000	2 000	2 000	20 000	154 000
Handball (Team)								1 000			4 000	5 000
Hang Gliding		3 000			5 000	15 000		1 000		1 000	3 000	28 000
Hockey M	30 000		10 000	30 000	15 000	20 000	25 000			3 000	30 000	163 000
Hockey W	30 000		5 000	30 000	7 000	10 000	50 000	2 000		2 000	3 000	139 000
Judo	30 000			30 000	10 000	5 000						75 000
Karate		10 000			5 000	25 000			1 000	1 000	3 000	45 000
Korfball		4 000			2 000						10 000	16 000
Lacrosse M	12 000	3 000			5 000		30 000				25 000	75 000
Lacrosse W		3 000			5 000	8 000	15 000	1 000			2 000	34 000
Life Saving — Surf				30 000							10 000	40 000
Little Athletics		5 000									2 000	7 000
Marching		2 000			3 000							5 000
Motor Sport	30 000							2 000		3 000	5 000	40 000
Netball	30 000		10 000	30 000	15 000	4 000	5 000	1 000		2 000	45 000	142 000
Orienteering		4 000			2 000	7 000		1 000				14 000
Parachuting		5 000		25 000	5 000	15 000		2 000		1 000	3 000	56 000
Pentathlon—Modern		2 000			5 000	6 000		1 000		1 000		15 000
Polo		3 000						1 000				4 000
Polocrosse		2 000			12 000			1 000		1 000		16 000
Pony Clubs		2 000			5 000	5 000						12 000
Powerlifting		2 000			2 000	5 000	10 000	1 000			2 000	22 000
Rollerskating	30 000		10 000		10 000	15 000		1 000			4 000	70 000
Rowing	30 000	5 000		30 000	5 000	20 000	48 000	2 000	2 000	1 000	5 000	148 000
Rugby League											110 000	110 000
Rugby Union	30 000		10 000		4 000	10 000				2 000	34 000	90 000

School Sport	30 000											30 000
Aust Shooting Assoc.	12 000							1 000				13 000
—Clay Targets		10 000		25 000	4 000	7 000					5 000	51 000
—Pistol		5 000			2 000	6 000		1 000				14 000
—Rifle		10 000			10 000							20 000
—Smallbore		2 000				5 000					8 000	15 000
Soccer M	30 000					5 000		2 000		2 000	61 000	100 000
Soccer W	30 000	2 000			1 000		10 000					43 000
Soccer Indoor	25 000			25 000	10 000		50 000				5 000	115 000
Softball	30 000		10 000		15 000	30 000	15 000	1 000			15 000	116 000
Sport Aviation	30 000	4 000										34 000
Squash	30 000		10 000	30 000	5 000	5 000					3 000	83 000
Surfriders	30 000	10 000			8 000	15 000		1 000			8 000	72 000
Swimming	30 000		10 000	30 000	10 000	10 000	70 000	1 000	1 000	1 000	20 000	183 000
Swimming, Aussi							30 000					30 000
Table Tennis	30 000	5 000		30 000	8 000	17 000		1 000		1 000	36 000	128 000
Tennis	30 000			30 000							80 000	140 000
Tenpin Bowling	30 000		10 000	30 000	3 000	4 000			1 000	1 000	3 000	82 000
Touch	30 000		5 000		10 000		5 000					50 000
Trampoline		4 000			8 000	5 000				1 000	1 000	19 000
Underwater	25 000	3 000			3 000					2 000	10 000	43 000
Universities	12 000					7 000		1 000				20 000
Volleyball	30 000		10 000	30 000	10 000	25 000		1 000	1 000	1 000	20 000	128 000
Water Polo		10 000		30 000	5 000	25 000		1 000		1 000	10 000	82 000
Waterskiing	30 000	3 000			6 000	7 000	15 000			1 000	2 000	64 000
Weightlifting	30 000	5 000		25 000	2 000	22 000	25 000				5 000	114 000
Winter Sports												
—Ice Hockey		2 000			4 000	10 000	20 000	2 000				38 000
—Ice Racing		2 000			3 000	10 000					4 000	19 000

Appendix 1 — *continued*

Sport	Administration			Coaching		Internat'l Comp			Meetings		Develop	
	Director	General	Staff	Director	General	O/Seas	Aust	Admin	Coach	Exec	Projects	Total
—Ice Skating		3 000			2 000	15 000					8 000	28 000
—Ice Sports	25 000		10 000									35 000
—Skiing	30 000		10 000	30 000	10 000	25 000	30 000				25 000	160 000
—Ski Patrol		5 000			2 000			2 000		3 000		12 000
Wrestling		5 000			2 000	10 000					2 000	19 000
Yachting	30 000		10 000	30 000	15 000	40 000		2 000			25 000	152 000
Sub-total Sports Orgs	**132 500**	**229 000**	**200 000**	**784 000**	**445 000**	**723 000**	**626 000**	**60 500**	**13 000**	**46 500**	**983 000**	**5 435 000**
UMBRELLA ORGANISATIONS												
C.A.S.		60 000										60 000
A.C.H.P.E.R.	30 000							1 000				31 000
A.S.S.A.		5 000										5 000
Seminars											15 000	15 000
Aust Coach Council		175 000										175 000
Sub-total Umbrellas	**30 000**	**240 000**	**0**	**0**	**0**	**0**	**0**	**1 000**	**0**	**0**	**15 000**	**286 000**
SPORTS MEDICINE												
A.S.M.F.	30 000									1 000	40 000	71 000
Drugs in Sport		120 000										120 000
Sport Research Coord		135 000										135 000
ASRP											75 000	75 000
Sub-total Sports Med	**30 000**	**255 000**	**0**	**0**	**0**	**0**	**0**	**0**	**0**	**1 000**	**115 000**	**401 000**
TOTAL	**1 385 000**	**724 000**	**200 000**	**784 000**	**445 000**	**723 000**	**626 000**	**61 500**	**13 000**	**47 500**	**1 113 000**	**6 122 000**

Appendix 2

Approved Coaching Courses

NAME	Level 1	Level 2	Level 3	Level 4	Totals
Archery	42	22	0	0	64
Australian Football	7357	792	80	0	8229
Badminton	123	2	10	0	135
Baseball	1141	60	6	0	1207
Basketball	4820	572	15	0	5407
Big Bore Rifle	336	27	0	0	363
Billiards/Snooker	51	0	0	0	51
BMX	67	0	0	0	67
Bocce	11	0	0	0	11
Bowls	3253	191	0	0	3444
Boxing	1053	18	3	0	1074
Canoeing—General	158	7	0	0	165
Canoeing—Marathon	0	1	0	0	1
Canoeing—Slalom	1	0	0	0	1
Canoeing—Sprint	1	0	0	0	1
Canoeing—Wild Water	1	0	0	0	1
Clay Target Shooting	260	56	7	0	323
Cricket	2591	571	343	0	3505
Croquet	275	27	0	0	302
Cycling	247	33	0	0	280
Diving	322	46	22	0	390
Equestrian—Dressage	5	0	4	0	9
Equestrian—Eventing	0	0	2	0	2
Equestrian—General	320	94	31	0	445
Equestrian—Show Jump	0	0	2	0	2
Fencing	31	8	9	0	48
Golf	0	0	0	0	0
Gymnastics—Artistic	4142	725	12	0	4879
Gymnastics—GG	169	3	0	0	172
Gymnastics—Mag	1	2	0	0	3
Gymnastics—RSG	54	4	0	0	58
Gymnastics—WAG	0	53	6	0	59
Hang Gliding	81	0	0	0	81
Hockey	2729	270	25	0	3024
Ice Hockey	256	6	0	0	262
Ice Racing	6	0	0	0	6
Ice Skating	115	0	0	0	115
Ju-Jitsu	76	7	11	0	94
Judo	601	142	9	0	752
Karate-Do	636	19	0	0	655
Kendo	20	7	0	0	27
Korfball	38	4	0	0	42
Kung-Fu	250	0	0	0	250
Lacrosse—Men's	226	0	0	0	226
Lacrosse—Women's	31	0	0	0	31

Modern Pentathlon	1	0	0	0	1
Netball	2323	57	0	0	2380
Orienteering	143	23	0	0	166
Parachuting	141	40	20	0	201
Pistol Shooting	353	32	9	0	394
Polocrosse	123	36	0	0	159
Powerlifting	50	11	0	0	61
R/Skating—Dance	0	0	0	0	0
R/Skating—F/Dance	0	0	0	0	0
R/Skating—Figure	4	0	0	0	4
R/Skating—General	202	15	1	0	218
R/Skating—Hockey	4	0	0	0	4
R/Skating—Pairs	0	0	0	0	0
R/Skating—Singles	4	0	0	0	4
R/Skating—Speed	0	0	0	0	0
Rowing	1267	11	0	0	1278
Royal Life Saving	207	0	0	0	207
Rugby League	1830	172	137	0	2139
Rugby Union	86	619	2	0	707
Running Tgt Shooting	7	9	0	0	16
Simulated Field	37	0	0	0	37
Ski—Alpine	41	2	0	0	43
Ski-Cross Country	35	4	3	0	42
Small Bore Rifle	115	6	0	0	121
Soccer-Indoor	0	0	0	0	0
Soccer—Men's	169	99	20	0	288
Soccer—Women's	2	0	0	0	2
Softball	1247	109	0	0	1356
Squash	817	4	0	0	821
Surf L/Saving—BE	10	2	0	0	12
Surf L/Saving—MP	2	1	0	0	3
Surf L/Saving—R&R	35	10	0	0	45
Surf L/Saving—SBP	31	5	0	0	36
Surf L/Saving—SBR	17	9	0	0	26
Surf L/Saving—SSP	459	21	0	0	480
Surf L/Saving—SS	12	3	0	0	15
Surf Riding	81	0	0	0	81
Swimming	2274	218	50	0	2542
Swimming—Masters	14	0	0	0	14
Sync Swimming	58	1	0	0	59
Table Tennis	218	24	20	0	262
Taekwondo	216	18	0	0	234
Tennis	228	1217	114	0	1559
Tenpin Bowling	971	37	1	0	1009
Touch	1420	32	0	0	1452
Track and Field	3172	266	83	0	3521
Trampoline	237	0	0	0	237
Underwater—Hockey	0	1	0	0	1
Underwater—Scuba	261	863	0	0	1124
Underwater—Snorkel	10	81	0	0	91

Volleyball	1281	3	0	0	1284
Water Polo	325	8	0	0	333
Water Ski	201	0	0	0	201
Weightlifting	299	23	0	0	322
Wrestling	134	21	0	0	155
Yachting	0	9	0	0	9
TOTALS	53 071	7891	1057	0	62 019

Appendix 3

1988–89 Coaching Accreditation Report

	1987–88			Overall			
	Level			Level			
Sport	One	Two	Three	One	Two	Three	
Archery	6	0	0	25	16	0	41
Athletics	341	2	0	2864	266	69	3199
Australian Football	951	159	12	6056	678	68	6802
Badminton	30	1	1	107	2	8	117
Baseball	139	0	0	925	48	6	979
Basketball	609	25	0	3968	454	13	4435
Billiards & Snooker	4	0	0	37	0	0	37
BMX	44	0	0	54	0	0	54
Bocce	9	0	0	11	0	0	11
Bowls	562	40	0	2582	177	0	2759
Boxing	62	0	0	952	1	3	956
Canoeing	14	0	0	73	7	0	80
Cricket	327	53	2	2431	537	309	3277
Croquet	43	7	0	247	24	0	271
Cycling	1	3	0	222	21	0	243
Diving	29	0	0	303	39	10	352
Equestrian	56	13	7	286	96	39	421
Fencing	0	0	1	46	15	9	70
Golf	0	0	0	0	0	0	0
Gymnastics	488	62	1	3380	525	12	3917
Hang gliding	1	0	0	69	0	0	69
Hockey	264	41	0	2574	227	17	2818
Ice Hockey	17	1	0	222	6	0	228
Ice Racing	0	0	0	6	0	0	6
Ice Skating	3	0	0	112	0	0	112
Judo	46	5	4	663	131	4	798
Ju-Jitsu	10	0	0	65	11	9	85
Karate-Do	89	0	0	525	0	0	525
Kendo	7	7	0	23	7	0	30
Korfball	9	0	0	34	4	0	38
Kung-Fu	86	0	0	248	0	0	248
Lacrosse (M)	133	0	0	226	0	0	226
Lacrosse (W)	8	0	0	31	0	0	31
Modern Pentathlon	0	0	0	0	0	0	0
Netball	259	8	0	1718	30	0	1748
Orienteering	31	4	0	158	19	0	177
Parachute	9	1	0	150	21	20	191
Polocrosse	23	31	0	135	31	0	166
Powerlifting	17	0	0	53	14	0	67
Rollerskating	12	2	1	167	18	1	186
Rowing	56	8	0	1156	11	0	1167
Royal Life Saving	55	0	0	110	0	0	110

Rugby League	11	1	0	1709	149	122	1980
Rugby Union	0	0	0	78	623	3	704
Rifle Shooting	106	12	0	321	12	0	333
Clay Target	4	13	4	285	55	1	345
Field and Game	1	0	0	36	0	0	36
Pistol Shooting	32	0	0	329	29	9	367
Small Bore Rifle	0	0	0	70	7	0	77
Sporting Shooters	0	0	0	8	9	0	17
Skiing	68	16	10	111	22	14	147
Soccer	0	0	0	171	107	15	293
Softball	202	18	0	950	79	0	1027
Squash	137	2	0	627	2	0	629
Surf Life Saving	39	9	0	473	47	0	520
Surfriders	25	0	0	57	0	0	57
Swimming	319	13	2	2056	215	49	2320
Synchronised Swimming	5	0	0	52	1	0	53
Table Tennis	8	0	0	133	25	20	178
Taekwondo	14	0	0	170	17	0	187
Tennis	13	30	0	268	1051	113	1432
Tenpin Bowling	112	0	0	707	22	1	730
Touch	203	27	0	1179	27	0	1206
Trampolining	17	0	0	203	0	0	203
Underwater	30	305	0	261	748	0	1009
Volleyball	149	0	0	995	0	0	995
Waterpolo	95	0	0	306	7	0	313
Water Ski	30	0	0	201	0	0	201
Weightlifting	7	8	0	221	22	0	243
Wrestling	0	0	0	86	18	0	104
TOTALS	6535	927	45	45135	6730	948	52813

Appendix 4

Applied Sports Research Program Projects 1988–89

- A Trial and Evaluation of the Australian Gymnastic Federation's Gymskills Program — $14 000

Dr Robert Murphy
Riverina-Murray Institute

The researchers will be trialling the Gymskills program in order to evaluate the current status of gymnastic teaching in the Riverina-Murray region. Changes in attitude and knowledge, following the introduction of Gymskills, and the strengths and weaknesses of the program will be evaluated.

- Effects of Training and Competition Stress on the Mucosal Immune Response in Elite Athletes — $13 500

Dr Laurel McKinnon
University of Queensland

The Mucosal Immune System is the body's first line of defence to such infections as colds and 'flu viruses. This study is to determine key factors in an athlete's training that influence immunity from such diseases. Identification of these factors may lead to predictive and preventative measuers to avoid or minimise illness. The study will be conducted at the AIS Hockey, Squash and Kayaking units.

- Psychological Aspects of the Recovery Process in Sports Injuries (Phase 1) — $9 000

Dr Robert Grove and Dr Sandy Gordon
University of Western Australia

The project is designed to generate information concerning the psychological aspects of the recovery process and provide assistance and guidance for sport physiotherapists to more effectively work with athletes.

- Determination of Quantitative Factors in Subjectively Judged Sports — $12 500

Mr Brian Lowden
Deakin University

Using surfboard riding as the setting this study is aimed at producing and verifying a computer based system of data collection and analysis to determine judging consistency and the factors that predict scores. A further aim is to establish that this approach is applicable to other subjectively judged sports.

- Temporal Considerations in Strain Energy Utilisation in Sport —$14 500

Dr Bruce Elliott
University of Western Australia

The series of experiments will examine the stretch-shortening cycle (common in most sports — backswing, throwing, kicking, jumping, running) as applied to the bench press, by varying the time of pause between the eccentric and concentric contraction. Optimal training procedures for the bench press will be determined, and implications for other sports will also be considered.

- Relationship between physical requirements and physiological responses to match play and training in elite netball players: Basis of tailor-made training programs — $12 500

Dr Karen Chad
University of Wollongong

The physical capacities of elite netball players will be evaluated. The energy requirements of positional play in match conditions and training will also be established. From these determinations recommendations for individualised training programs, specific to netball, will be developed.

- On-Water Rowing Research using a Computerised and Telemetered Data Collection System — $9 000

Dr Richard Smith
Cumberland College of Health Sciences

This project aims to utilise a previously developed system in the on-water setting. It will establish a database of rowing performance for the comparison of new subjects, biomechanically compare actual and ergometer rowing performance and develop an on-water biofeedback system for up to eight subjects at once.

- The design and development of adapted Fishing Tackle Prototypes suitably modified for disabled fishers — $13 000

Mr Harry Fuller
University of Wollongong

The principal outcome of this project will be the development of prototype equipment which would allow increased independence of disabled amateur fishers with regard to the basic skills of fishing.

Appendix 5

AUSSIE SPORTS State Coordinators

NEW SOUTH WALES

Mr Noel Fitzgerald and
Ms Vicki Bosler
NSW AUSSIE SPORTS
Coordinators
Department of Education
c/- Directorate of Schools
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175 Liverpool Street
PO Box A602
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Phone: (02) 261 7283 (Vicki)

VICTORIA

Mr Ross Monaghan
Vic. AUSSIE SPORTS
Coordinator
Fawkner School Support Centre
90 Lowson Street
FAWKNER Vic. 3060
Phone: (03) 358 0888

QUEENSLAND

Ms Sue Brodie
Qld AUSSIE SPORTS
Coordinator
Physical Education Section
Department of Education
30 Mary Street
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NORTH QUAY Qld 4002
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SOUTH AUSTRALIA

Mr Jeff Dry
SA AUSSIE SPORTS Coordinator
Marden Curriculum Unit
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MARDEN SA 5070
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WESTERN AUSTRALIA

Ms Connie Nelson
WA AUSSIE SPORTS
Coordinator
Ministry for Education
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EAST PERTH WA 6000
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TASMANIA

Mr Garry Davidson
Tas. AUSSIE SPORTS
Coordinator
Curriculum Development and
Evaluation Branch
71 Letitia Street
NORTH HOBART Tas. 7000
Phone: (002) 30 7322

NORTHERN TERRITORY

Mr Peter Markey
NT AUSSIE SPORTS Coordinator
Department of Education
c/- Curriculum and Assessment
Branch
National Mutual Centre
9–11 Cavenagh Street
PO Box 4821
DARWIN NT 0800
Phone: (089) 89 6142

AUSTRALIAN CAPITAL
TERRITORY

Ms Anne Isaacs
ACT AUSSIE SPORTS
Coordinator
ACT Schools Authority
Macarthur House
Northbourne Avenue
LYNEHAM ACT 2602
PO Box 20
CIVIC SQUARE ACT 2608
Phone: (062) 46 9251

Appendix 6

Disabled Sport Program 1988–89 Expenditure

Grants to National Sporting Organisations for the Disabled

Amputee Sporting Association of Australia	$56 700
Australian Sport and Recreation Association for People with an Intellectual Disability	45 390
Australian Blind Sports Federation	64 650
Australian Confederation of Sports for the Disabled	32 250
Australian Deaf Sports Federation	76 500
Australian Disabled Skiers Federation	36 000
Australian Transplant Olympic Association	5 000
Australian Wheelchair Sports Federation	58 500
Cerebral Palsy — Australian Sport and Recreation Federation	40 000
Riding for the Disabled Association of Australia	37 650
Special Olympics — Australia	10 500
	463 140

Grants to National Sporting Organisations

Australian Amateur Fencing Federation	$2 000
Australian Bowls Council	3 500
Australian Gymnastic Federation	4 200
Australian Rowing Council	20 000
Australian Water Ski Association	10 000
Bocce Federation of Australia	1 000
Equestrian Federation of Australia	9 478
	50 178

Grants to other organisations

Australian Coaching Council (National Coaching Coordinator for the Disabled)	$90 090
Australian School Sports Council (AUSSIE SPORTS Activities Manual for Children with Disabilities)	5 000
Cumberland College of Health Sciences — 1988 Disabled Athlete Assessment Centre Program*	50 000
	145 090

* Program discontinued in 1989 as per recommendation of the Commission's review of disabled sport (June 1988)

Other Expenditure

Sports Talent Encouragement Plan	$35 000
National Sports Research Program	10 000
Resource Writer — Activities Manual for Children with Disabilities	18 000
Department of the Arts, Sport, the Environment, Tourism and Territories (Commonwealth Contribution to SRMC Study)	2 083
Brochure	2 973
Other	3 680
	71 736
Total	730 144

Appendix 7

AIS Scholarship Holders 1988–89

1988 AIS Scholarship Holders

Basketball — Female

Valerie Ahwong
Natasha Bargeus
Michelle Brogan
Michelle Gubbles
Lucille Hamilton
Cherie Hogg
Raquel Marsh
Tonia Mason
Julie Morton
Cecelia Preece
Katie Priest
Teresa Salter

Basketball — Male

Peter Booth
Brendan Day
Craig Evans
Andrew Goodwin
Craig Irvine
Grant Kruger
Leny Lembo
Matthew Reece
Patrick Reidy
Derek Schock
Neil Turner
Paul Widdis

Canoeing

Shane Dalzeil
Grant Davies
Paul Gilmour
Kelvin Graham
Martin Hunter
Grant Kenny
Bryan Thomas
Dean Waldhauser
Steven Wood

Cricket

Darren Berry
Paul Carew
Jamie Cox
Peter Drinnen
Ian Frazer
Shane George
Timothy Hoffman
Stuart Law
Brian McFadyen
Geoffrey Parker
Scott Prestwidge
James Pyke
Joseph Scuderi
Ian Stenhouse
Adrian Tucker
Brett Williams

Cycling — Female

Jennifer Albrecht
Robyn Battison
Donna Gould
Elizabeth Hepple
Deborah Kinnear
Kathleen Shannon
Kathryn Watt

Cycling — Male

Peter Attard
Damian Baynes
David Bink
Robert Burns
Brett Dutton
Carey Hall
Bruce Keech
Mark Kingsland
Patrick Marcucci
Wayne McCarney
Stephen McGlede
Scott McGrory
Gary Neiwand
Shaun O'Brien
Nathan Page
Darren Winter

Diving — Female

April Adams
Kelly Doble
Stephanie Flemming
Julie Kent
Carol Smith
Leah Smith
Peta Taylor

Diving — Male

Graeme Banks
Russell Butler
Tony Lawson
Simon McCormack
Craig Rogerson
Michael Tinley
Grant White

Gymnastics — Female

Monique Allen
Noilani Beck
Kellie Larter
Ruth Moniz
Lisa Read
Jodie Rogers
Leanne Rycroft
Megan Scriven
Clare Scotney
Kylie Shadbolt
Carolyn Stewart
Katie Watts
Kristy Wilson

Gymnastics — Male

Shaw Byng
Mark Bird
Grant Carlyon
Andrei Cleland
Brennon Dowrick
Robert Edmonds
Peter Hogan
Bret Hudson
Nathan Kingston
Timothy Lees
Kenneth Meredith
Mark Mommsen
Stephen Mommsen
Laszlo Montanyi
Glen Parker
Damian Smith

Hockey — Female

Vanessa Barnes
Debbie Bowman
Sharon Buchanan
Sally Carbon
Jodie Faithfull
Maree Fish
Rechelle Hawkes
Sue Hill
Cheryl Moss
Kathy Partridge
Jackie Pereira
Sara Pickering
Clare Prideaux
Fiona Simpson
Liane Tooth
Debbie Wise

Hockey — Male

Lee Bodimeade
Ashley Carey
Robert Clarke
Stephen Davies
Simon Dawkins
Lachlan Dreher
Dean Evans
Paul Griffiths
John Hannaford
Des King
Paul Lewis
Andrew McDonald
Sean Muir
David Parker
Timothy Reid
Mark Rix
Jason Stacy
Colin Stewart
Chris Taylor
Todd Williams
Michael York

Netball

Kylie Aggis
Pettina Anderson
Dianne Atkinson
Carissa Dalwood
Frances Duiker
Sharon Finnan
Leith Fradd
Lenore Furze

Susan Gill
Yolanda Hearn
Jennifer Kennett
Sally-Ann Lovell
Sonya McCarthy
Shelley O'Donnell
Wendy O'Donnell
Michelle Oates
Maxine Peebles
Kelly Ruddy
Julie-Ann Sloan
Kathryn Tagliabue
Catriona Wagg
Allison Wheatley

Rowing — Female

Deborah Basset
Katherine Dearden
Petra Frangos
Robyn Grey-Gardner
Georgia Green
Sarah Ham
Courtney Johnstone
Sally Johnson
Kaylyn Jorgensen Fry
Mara Kasparsons
Urszula Kay
Amanda Lunt
Margot Mayfield
Anna McFarlane
Georgina McGregor-Reid
Joanne Moore
Gabrielle Menzies
Celia Patterson
Ballanda Sack
Fleur Spriggs
Samantha Stewart
Catherine Stock
Andrea Wilson
Alison Worth

Rowing — Male

Alex Apostolou
Malcolm Batten
Dale Caterson
Andrew Cooper
Andrew Cox
Mark Doyle
Stephen Evans
Richard Finlayson
David Fogarty
Edward Hall
James Galloway
Ben Geier
Richard Graham
Anthony Lovrich
Gordon Marcks
Mike McKay
Hamish McLachlan
David McLeod
Craig Muller
Sam Patten
Ion Poppa
Nicholas Sellars
Brenton Terrell
James Tomkins
Dean Watts

Rugby Union

Andrew Blades
Andrew Cairns
Mark Catchpole
Michael Cheika
Rodney Clarke
Bruce Davies
Brenton Fielke
Andrew Friend
Albert Fulivai
Mark Ciacheri
Scott Gourley
Andrew Hadley
Craig Hall
Craig Harley
Anthony Hayes
Peter Hickey
Timothy Horan
Darren Junee
Paul Kahl
Philip Kearns
Robert Kennedy
Robert Korst
Victor Kucharzewski
Jason Little
Geoffrey Logan
Mark Malloy
Russell Muir
Christopher Newman
Anthony Okely
Matthew Pini
John Ross
Matthew Ryan
Sam Scott-Young

David Starkey
Matthew Stocks
Jason Thelander
Richard Tombs
Warwick Waugh
Jason Weber
David Williams
David Wilson
Peter Yeates

Soccer

Gregory Dickinson
John Gibson
Shane Haddow
Craig Hoogendoorn
Steve Horvat
Stephane Jee
Dominic Longo
Stefan Mautone
Gregory Mills
Shaun Murphy
Dean Nicolaou
Andrew Patterson
Andrew Roberts
Tony Telisman
Paul Welch
Nedilijko Zelic

Squash — Female

Kellie Cuschieri
Danielle Drady
Sarah Fitzgerald
Carole Redman
Teena Hutchinson
Michelle Martin
Carol Owens

Squash — Male

Scott Butcher
Mark Carlyon
James (Ricky) Curtis
Rodney Eyles
Anthony Hill
Michael Joint
Joseph Kneipp
Rodney Martin
Dean Mason
Shaun Moxham
Adam Schreiber
Scott Spillane

Swimming — Female

Sheridan Burge-Lopez
Phillipa Downes
Janelle Elford
Lisa Fildes
Jacki Grant
Nicole Livingstone
Karen Lord
Donna Procter

Swimming — Men

Robert Bruce
Cameron Greenaway
Barry Gerber
Scott Hamlet
Brent Harding
Darren Lange
Rodney Lawson
Gary Lord
Ian McAdam
Jason Plummer
Martin Roberts
Dominic Sheldrick
Brett Stocks
Simon Upton
David Wilson
Rob Woodhouse

Tennis — Female

Jo-Anne Faull
Kelli-Anne Johnston
Kate McDonald
Nicole Pratt
Kristin Godridge
Rennae Stubbs
Angela Woolcock

Tennis — Male

Adam Anderson
Johan Anderson
Richard Fromberg
Jamie Morgan
Jason Stoltenberg
Carl Turich
Todd Woodbridge

Track & Field — Female

Vanessa Browne
Sharon Ellis
Astra Etienne

Jane Flemming
Sharon Jaklofsky-Smith
Angela Luchetti
Kerry Saxby
Bernadette Serone
Lisa-Marie Vizaniari
Kim Wilson

Track & Field — Male

Stuart Andrews
Simon Baker
Peter Beames
David Culbert
Anthony Ford
Dolph Francis
Ken Gordon
Phillip Henderson
Gary Honey
Neil Honey
Adam Hoyle
Andrew Jachno
Andrew Lloyd
Paul Nandapi
Scott Odlum
Reid Pryor
Russell Short
Darren Wilson
Darren Wright
Don Wright

Water Polo

Brett Annells
Simon Asher
Doug Cocking
Damien Fanning
John Fox
Andrew Kerr
Daniel Marsden
Ian McInnes
Mark Oberman
Paul Oberman
Michael Poot
Duncan Ritchie
Troy Stockwell
Andrew Taylor
Andrew Wightman
Nick Yiannakoudakis

Weightlifting

Craig Blythman
Warwick Bond
Joshua Brooke
Robert Campbell
Paul Harrison
Russell Holloway
Michael Irwin
Julian Jones
Ron Laycock
Jason Mortimer
Daniel Mudd
Thonroth Nhim
Chris Sharman

1989 Scholarship Holders

Basketball — Female

Jenny Bedford
Michelle Brogan
Terasa Cremer
Maryanne Di Francesco
Tracey Dyt
Trisha Fallon
Renate Fegent
Racquel Marsh
Tonya Mason
Narelle McConnell
Samantha Tomlinson
Jenny Whittle

Basketball — Male

Lachlan Armfield
Leigh Cleary
David Close
Brendan Day
Matthew Dodson
Andrew Goodwin
Brendan Le Gassick
Brett Maher
Douglas Peacock
Matthew Reece
Patrick Reidy
Anthony Ronaldson

Canoeing

Ramon Andersson
Daniel Collins
Shane Dalzeil
Grant Davies
Paul Gilmour
Michael Pond
Ian Rowling

Andrew Trim
Richard Zillman

Cricket

Phil Alley
Clinton Auty
Michael Bevan
James Bolton
David Clarke
Dene Hills
Brendan Julian
Chris Mack
Matthew May
Martin McGague
Michael Slater
Ken Vowles
Craig White
Jamie Williams
Cameron Williamson
Gary Wright

Cycling — Female

Donna Gould
Elizabeth Hepple
Deborah Kinnear
Kathleen Shannon
Kathryn Watt

Cycling — Male

Brett Aitken
Peter Attard
Damian Baynes
David Birk
Robert Burns
Mark Kingsland
Wayne McCarney
Steve McGlede
Scott McGrory
Gary Neiwand
Shaun O'Brien
Clayton Stevenson
Darren Winter

Diving — Female

April Adams
Leah Smith
Peta Taylor
Tiffanie Trail

Diving — Male

Graeme Banks
Russell Butler
Tony Lawson
Simon McCormack
Craig Rogerson

Gymnastics — Female

Monique Allen
Noilani Beck
Hollie Bevans
Katie Bourne
Alice Diedricks
Rebecca Jackson
Lisa McTiernan
Ruth Moniz
Lisa Reid
Jodie Rogers
Clare Scotney
Kylie Shadbolt
Yew Chuen Tan
Kristy Wilson

Gymnastics — Male

Andrei Cleland
Brennon Dowrick
Peter Hogan
Brett Hudson
Nathan Kingston
Tim Lees
Ken Meredith
Mark Mommsen
Stephen Mommsen
Laszlo Montanyi
Damian Smith

Hockey — Female

Janita Austin
Sandra Buchanan
Sally Carbon
Christine Dobson
Jodie Faithfull
Juliet Haslam
Angela Kaaks
Jane Nixon
Alison Peek
Lisa Powell
Clare Prideaux
Danny Roche
Katie Starre
Kim Willett

Hockey — Male

Wayne Arkinstall
Lee Bodimeade
Ashley Carey
Stuart Carruthers
David Carter
Stephen Davies
Glen Deuble
Lachlin Elmer
Paul Griffiths
David Jeffery
Paul Lewis
Andrew McDonald
David Parker
Joe Pembroke
Tim Reid
Ross Sudano
Chris Taylor
Jay Stacey
Ashley Watson
Todd Williams

Netball

Sheridan Abbot
Pettina Anderson
Natalie Avellino
Jodie Clarke
Leanne Cover
Frances Duiker
Sharon Finnan
Nicole Foster
Susan Gaudion
Susan Gill
Carolyn Green
Marne James
Tania Newsome
Julie-ann Sloan
Claire Smallacombe
Kate Tagliabue
Jennifer Urquhart
Alison Wheatley
Zelda Yeates

Rowing — Female

Deborah Basset
Katherine Dearden
Petra Frangos
Courtney Johnstone
Sally Johnson
Kaylynn Jorgensen Fry
Mara Kasparsons
Amanda Lunt
Anna McFarlane
Georgina McGregor-Reid
Joanne Moore
Ballanda Sack
Fleur Spriggs
Samantha Stewart
Maki Takken
Andrea Wilson

Rowing — Male

Paul Baddeley
Cory Bernardi
David Colvin
Michael Davies
Jason Day
Matt Dingle
Anthony Johnson
Gordon Marcks
Hamish McLachlan
David McLeod
Bruce McWatt
Peter Murphy
Stephen Nesbitt
Nicholas Sellars

Rugby Union

Andrew Blades
Andrew Cairns
Mark Catchpole
Michael Cheika
Rodney Clarke
Bruce Davies
Brenton Fielke
Andrew Friend
Albert Fulivai
Mark Giacheri
Scott Gourley
Andrew Hadley
Craig Hall
Craig Harley
Anthony Hayes
Peter Hickey
Timothy Horan
Darren Junee
Paul Kahl
Philip Kearns
Robert Kennedy
Robert Korst
Victor Kucharzewski
Jason Little
Geoffrey Logan

Mark Malloy
Russel Muir
Christopher Newman
Anthony Okely
Matthew Pini
John Ross
Matthew Ryan
Sam Scott-Young
David Starkey
Matthew Stocks
Jason Thelander
Richard Tombs
Warwick Waugh
Jason Weber
David Williams
David Wilson
Peter Yeates

Soccer

Brett Adams
Louis Bekiaris
Shane Block
Troy Cranney
Gregory Dickinson
Brett Eldridge
Brian Keegan
Lorenz Kindtner
Jason Koliba
Brad Maloney
Stephano Mautone
Ian Rochow
Simon Romaniuk
Sunny Sevin
George Sorras
Robert Stanton
Frank Talia
Kris Trajanovski
Scott Wells

Squash — Female

Robyn Belford
Robyn Cooper
Kellie Cuschieri
Danielle Drady
Sarah Fitzgerald
Michelle Martin
Carol Owens
Angela Roffe

Squash — Male

Paul Bushel
Mark Carlyon
Ricky Curtis
Rodney Eyles
Marc Hickey
Anthony Hill
Michael Joint
Rodney Martin
Dean Mason
Shane Matthews
Shaun Moxham
Craig Rowland
Adam Schreiber
Christopher Ward

Swimming — Female

Megan Fanning
Linley Frame
Louise Jamieson
Karen Lord
Anne McCloghry
Jacqueline McKenzie
Angela Mullens
Donna Procter
Julie-Anne Roberts
Martin Roberts
Phillip Rogers
Ian Vanden-Wal
David Wilson

Swimming — Male

Anthony Brewin
Robert Bruce
Brent Harding
Michael Ikin
Gary Lord
Simon McKillop-Davies

Tennis — Female

Jo-Anne Faull
Kristen Godridge
Kelli-Anne Johnston
Joanne Limmer
Nicole Pratt
Kirrily Sharpe
Louise Stacey
Rennae Stubbs
Jane Taylor
Angela Woolcock

Track & Field — Female

Daniela Costian
Sharon Ellis

Astra Etienne
Jane Flemming
Angela Luchetti
Marie McDonagh
Kerry Saxby
Sharon Stewart
Bernadette Serone
Lisa-Marie Vizaniari

Track & Field — Male

Stuart Andrews
Simon Baker
Peter Beames
Pat Carroll
Paul Copeland
David Culbert
Tim Foster
Gary Honey
Neil Honey
Adam Hoyle
Andrew Jachno
Andrew Lloyd
Scott Odlum
Russell Short
Brendan Tennant
Darren Wilson
Darren Wright

Water Polo

Brent Annells
Simon Asher
Damien Fanning
John Fox
Rod Jones
Daniel Marsden
Damien Moston
Greg McFadden
Ian McInnes
Guy Newman
Paul Oberman
Michael Poot
Duncan Ritchie
Philip Ritchie
Alan Taylor
Grant Waterman

Included are athletes on Associate Scholarships. Some athletes have left during the year which explains discrepancies between this table and those giving statistics as at June 30, 1989.

Appendix 8

STEP Grants — Athletes and Coaches

1989 Sports Talent Encouragement Plan Grant Recipients

Name	Sport	State	Grant
INDIVIDUALS			
Simon Baker	Athletics	ACT (AIS)	3 500
Darren Clark	Athletics	NSW	4 000
Jane Flemming	Athletics	ACT (AIS)	3 000
Maree Holland	Athletics	NSW	3 000
Gary Honey	Athletics	Vic	2 000
Stephen Moneghetti	Athletics	Vic	3 500
Werner Reiterer	Athletics	Vic	1 500
Kerry Saxby	Athletics	NSW (AIS)	5 000
Christine Stanton	Athletics	WA	3 000
Graham Cheney	Boxing	NSW	4 000
Bryan Thomas	Canoeing-Sprint	Vic	4 000
Grant Davies	Canoeing-Sprint	Qld (AIS)	4 000
Peter Foster	Canoeing-Sprint	Vic	4 000
Kelvin John Graham	Canoeing-Sprint	Qld	4 000
Martin Hunter	Canoeing-Sprint	NSW	3 000
Gayle Mayes	Canoeing-Marathon	Qld	2 000
Ramon Andersson	Canoeing-Marathon	WA (AIS)	1 000
Chris Barnett	Canoeing-Marathon	Qld	1 000
Denise Cooper	Canoeing-Marathon	Qld	2 000
Robert Edgar	Canoeing-Marathon	Qld	1 000
Jane Hall	Canoeing-Marathon	NSW	2 000
Robert Burns	Cycling	Vic (AIS)	3 500
Gary Neiwand	Cycling	Vic (AIS)	4 000
Julie Speight	Cycling	NSW	3 500
Martin Vinnicombe	Cycling	NSW	4 000
Kathryn Watt	Cycling	Vic (AIS)	3 000
Jenny Donnet	Diving	Vic	1 500
Andrew Hoy	Equestrian	NSW	1 500
Julie Reardon	Judo	NSW	1 000
Suzanne Williams	Judo	NSW	2 000
Hamish McGlashan	Rowing	Vic	4 000
Sarah Fitzgerald	Squash	Vic (AIS)	1 500
Michelle Martin	Squash	Qld (AIS)	1 500
Brett Martin	Squash	Qld (AIS)	1 500
Robyn Lambourne	Squash	WA	2 000

Damien Iredale	Surfriding	NSW	1 000
Cathy Ryan	Surfriding	Qld	1 000
Dean Blantchford	Yachting	NSW	1 500
Glen Bourke	Yachting	NSW	2 000
Jacqueline Ellis	Yachting	NSW	2 000
Stephen McConaghy	Yachting	NSW	1 000
Chris Lawrence	Yachting	NSW	1 500
Nicola Green	Yachting	NSW	2 000
Brad Schafferius	Yachting	NSW	1 500
David Woods	Yachting	NSW	1 500
Scott Anderson	Yachting	NSW	1 500
Greg Goodall	Yachting	Vic	1 500
Swimmers (see attached list for names)			45 000
Total Individuals			158 000

TEAMS

Australian Men's Team	Basketball	48 000
Australian Women's Team	Basketball	48 000
Australian Women's Team	Cricket	24 000
100k Road Teams Time Trial	Cycling	10 000
4000m Team Pursuit	Cycling	20 000
3-Day Event Team	Equestrian	4 000
Australian Women's Team	Hockey	80 000
Australian Men's Team	Hockey	64 000
Australian Team	Netball	30 000
Men's Eight	Rowing	31 500
Men's Quad Sculls	Rowing	14 000
Women's Lightweight Four	Rowing	12 000
Men's Lightweight Four	Rowing	8 000
Australian Men's Team	Water Polo	21 000
Australian Women's Team	Water Polo	13 000
Total Teams		427 500
TOTAL STEP GRANTS		**$585 500**

1989 Sports Talent Encouragement Plan — Swimming Grant Recipients

NAME	STATE	GRANT
Duncan Arsmtrong	Qld	5 000
Julie McDonald	Qld	4 000
Shelley Taylor-Smith	WA	2 000
Fiona Allessandri	Qld	3 000
Andrew Baildon	Qld	4 500
Janelle Elford	NSW	3 750
Glen Houseman	Qld	4 750
Rod Lawson	Vic	2 500
Hayley Lewis	SA	3 250
Martin Roberts	SA	2 750
Tom Stachewicz	WA	1 500
Michael McKenzie	Qld	4 750
TOTAL		**$45 000**

1989 Sports Talent Encouragement Plan — Athletes with Disabilities Grant Recipients

NAME	DISABILITY GROUP	GRANT
John Eden	Amputee	1 000
Andrew O'Sullivan	Amputee	1 000
Eddie Roos	Amputee	1 000
Jason Willis	Amputee	1 000
Gregory Caines	Amputee	1 000
Deborah Holland	Amputee	1 000
Susan Knox	Amputee	1 000
Rodney Nugent	Amputee	2 000
Mark Davies	Blind	1 000
Phillip Deveraux	Blind	1 000
David Goodman	Blind	2 000
Jeff McNeil	Blind	1 000
Sam Rickard	Blind	1 000
Russell Short	Blind	2 000
Jason Walsh	Blind	1 000
James Pearson	Blind	2 000
Kingsley Bugarin	Blind	1 000
Mandy Maywood	Blind	1 500
Dean Smith	Deaf	2 000
David Wood	Deaf	1 000
Glen Moran	Deaf	1 500
Elissa Kranitis	Deaf	1 000
Antoinette Harris	Deaf	1 500

Michael De Santo	Wheelchair	1 000
Alan Dufty	Wheelchair	1 500
Ian Gainey	Wheelchair	1 000
Terry Giddy	Wheelchair	1 500
Deahnne McIntyre	Wheelchair	2 000
Yvette McLellan	Wheelchair	1 500
Mike Nugent	Wheelchair	1 000
Julie Russell	Wheelchair	1 500
Vince Vallelonga	Wheelchair	1 500
Bruce Wallrodt	Wheelchair	2 000
Lyn Lillicrap	Wheelchair	1 500
Wayne Riding	Wheelchair	1 000
Philip Tracey	Wheelchair	1 500
Michael Connell	Wheelchair	1 000
Brian McNicholl	Wheelchair	1 000
Matthew Van Eldick	Cerebral Palsy	1 000
Simon Lee	Cerebral Palsy	1 000
Robert Biancucci	Cerebral Palsy	2 000
Karen Gill	Cerebral Palsy	1 500
Bradley Hill	Cerebral Palsy	2 000
Darren Thrupp	Cerebral Palsy	1 000
Catherine Huggett	Cerebral Palsy	1 500
Gregory Timmermans	Cerebral Palsy	1 000
Sandra Yaxley	Cerebral Palsy	2 000
Monica Canavan	Transplant	1 000
Bradley Sullivan	Transplant	1 000
Sue Kavanagh	Transplant	1 000
Arch Roggeveen	Transplant	1 000
Stephanie Theobald	Transplant	1 000
Mark Cocks	Transplant	1 000
Gail Robinson	Transplant	1 000
TOTAL STEP FOR DISABLED ATHLETES		**$70 000**

1988 Sports Talent Encouragement Plan — Grant Recipients

Name	Sport	State	Grant
INDIVIDUALS			
Simon Baker	Athletics	ACT (AIS)	1 500
Nicole Boegman	Athletics	NSW (AIS)	3 000
Darren Clark	Athletics	NSW	2 000
Jane Flemming	Athletics	ACT (AIS)	2 000
Debbie Flintoff-King	Athletics	Vic	5 000
Michael Hillardt	Athletics	Vic (AIS)	3 000
Gary Honey	Athletics	Vic (AIS)	2 000

Andrew Jachno	Athletics	Vic (AIS)	1 500
Andrew Lloyd	Athletics	ACT (AIS)	1 500
Stephen Moneghetti	Athletics	Vic	4 000
Miles Murphy	Athletics	NSW	3000
Kerry Saxby	Athletics	NSW (AIS)	4 000
Patrick Scammell	Athletics	Vic	1 500
Sze Yu	Badminton	NSW	2 000
Kerryn Pethybridge	Biathlon	Vic	1 500
Jane Hall	Canoeing-Marathon	NSW	2 000
John Jacoby	Canoeing-Marathon	Vic	3 000
Geoffrey Donovan	Canoeing-Slalom	NSW	1 500
Steve Wood	Canoeing-Sprint	NSW (AIS)	2 000
Michael Diamond	Clay Targets	NSW	1 500
James Ellis	Clay Targets	ACT	2 000
Ian Hale	Clay Targets	Vic	1 500
Russell Mark	Clay Targets	Vic	1 500
John Maxwell	Clay Targets	NSW	1 500
Robert Burns	Cycling	Vic (AIS)	1 500
Anthony Davis	Cycling	NT	4 000
Elizabeth Hepple	Cycling	Qld	2 000
Gary Neiwand	Cycling	Vic (AIS)	3 000
Kathleen Shannon	Cycling	NSW	2 000
Julie Speight	Cycling	NSW	1 500
Martin Vinnicombe	Cycling	NSW	6 000
Kathryn Watt	Cycling	Vic	3 000
Dean Woods	Cycling	Vic (AIS)	4 000
Jenny Donnet	Diving	Vic	3 000
Julie Kent	Diving	Tas (AIS)	2 000
Craig Rogerson	Diving	Qld (AIS)	2 000
Ingo Renner	Gliding	NSW	3 000
Louise Briers	Golf	NSW	2 000
Edwina Kennedy	Golf	NSW	2 000
Ericka Maxwell	Golf	WA	1 800
Alison Munt	Golf	Qld	1 500
Ricky Duncan	Hang Gliding	NSW	2 000
Stephen Moyes	Hang Gliding	NSW	2 000
Ronald Newland	Hang Gliding	NSW	1 500
Toni Noud	Hang Gliding	NSW	1 500
Danny Kah	Ice Racing	SA	1 500
Michael Richmond	Ice Racing	SA	1 500
Geraldine Dekker	Judo	NSW	1 500
Ann Marie Pepper	Judo	NSW	1 500
Warren Rosser	Judo	NSW	2 000
Louis Val	Judo	ACT	2 000
Suzanne Williams	Judo	NSW	3 000

Alison Quick	Parachuting	NSW	1 500
Ben Sandstrom	Pistol	WA	1 800
Kerry Boyce	Powerlifting	SA	2 000
Marilyn Wallen	Powerlifting	NT	2 000
Heidi Wittesch	Powerlifting	SA	2 000
Anthony Hanley	Roller Skating	Vic	1 500
Desly Hill	Roller Skating	WA	1 500
Anthony Keefe	Roller Skating	Vic	2 000
Simon Reeves	Roller Skating	SA	1 500
Stephen Whyte	Roller Skating	NSW	2 000
Peter Antonie	Rowing	Vic	3 000
Donald Brook	Smallbore	NSW	3 000
Alan Smith	Smallbore	Qld	2 000
Alison Feast	Smallbore	SA	2 000
Sarah Fitzgerald	Squash	Vic (AIS)	1 500
Robyn Friday	Squash	WA	2 000
Michelle Martin	Squash	Qld (AIS)	1 500
Ross Thorne	Squash	Qld	1 500
Simon Farrer	Surfriding	NSW	750
Damien Iredale	Surfriding	NSW	1 500
Darren Magee	Surfriding	Qld	3 000
Pauline Menczer	Surfriding	NSW	3 000
Glen Pringle	Surfriding	NSW	1 500
Cathy Ryan	Surfriding	Qld	1 500
Steward McKinnon	Surfriding	NSW	3 000
Fiona Allesandri	Swimming	WA	1 500
Duncan Armstrong	Swimming	Qld	1 500
Andrew Baildon	Swimming	Qld	2 000
Susie Baumer	Swimming	Qld	1 500
Robert Bruce	Swimming	NSW (AIS)	2 000
Sheridan Burge-Lopez	Swimming	NSW (AIS)	1 500
Jodie Clatworthy	Swimming	Qld	3 000
Philippa Downes	Swimming	ACT (AIS)	1 500
Janelle Elford	Swimming	NSW (AIS)	5 000
Megan Johnston	Swimming	Qld	1 500
Rodney Lawson	Swimming	Vic (AIS)	1 500
Hayley Lewis	Swimming	Qld	2 000
Nicole Livingstone	Swimming	Vic	5 000
Karen Lord	Swimming	NSW (AIS)	1 500
Ian McAdam	Swimming	NSW (AIS)	1 500
Julie McDonald	Swimming	Qld	5 000
Michael McKenzie	Swimming	Qld	4 000
Jason Plummer	Swimming	Qld	3 000
Donna Procter	Swimming	NSW (AIS)	3 000
Martin Roberts	Swimming	SA (AIS)	1 500
Julie Robinson	Swimming	Qld	3 000

Jon Seiben	Swimming	Qld	3 000
Tom Stachewicz	Swimming	WA	5 000
Simon Upton	Swimming	NSW (AIS)	2 000
Karen Van Wirdum	Swimming	Qld	1 500
Carl Wilson	Swimming	Qld	1 500
David Wilson	Swimming	Vic (AIS)	4 000
Rob Woodhouse	Swimming	Vic (AIS)	4 000
Elizabeth Jensen	Trampolining	SA	1 500
Adrian Wareham	Trampolining	Vic	1 500
Geoff Carrington	Water Skiing	Qld	3 000
Karen Neville	Water Skiing	Qld	4 000
Michael Neville	Water Skiing	Qld	4 000
Bruce Neville	Water Skiing	NSW	2 000
Deborah Pugh	Water Skiing	NSW	2 000
Peter Wellham	Water Skiing	NSW	2 000
Tania Williams	Water Skiing	NSW	3 000
Mark Blair	Weightlifting	Vic	1 500
Gino Fratangelo	Weightlifting	Tas	1 500
Paul Harrison	Weightlifting	ACT (AIS)	1 500
Greg Hayman	Weightlifting	NSW (AIS)	2 000
Ron Laycock	Weightlifting	Tas (AIS)	2 000
Chris Brown	Wrestling	Vic	1 500
Peter Backhouse	Yachting	NSW	2 000
Colin Beashel	Yachting	NSW	1 500
Dean Blatchford	Yachting	NSW	3 000
Mitch Booth	Yachting	NSW	3 000
Glen Bourke	Yachting	NSW	3 000
Jessica Crisp/ Nicola Green	Yachting	NSW	4 000
Karyn Davis	Yachting	NSW	3 000
Chris Lawrence	Yachting	NSW	4 000
Stephen McConaghy	Yachting	NSW	2 000
Chris Pratt	Yachting	SA	1 500
Stuart Wallace	Yachting	Vic	5 000
Robert Wilmot	Yachting	NSW	1 500
			306 350

TEAMS

Australian Women's Team	Basketball	24 000
Australian Women's Team	Cricket	8 000
4000m Team Pursuit	Cycling	8 000
3-Day Event Team	Equestrian	6 000
Australian Women's Team	Hockey	64 000
Australian Men's Team	Hockey	64,000
Australian Men's Team	Indoor Soccer	15 000
Australian Women's Team	Lacrosse	8 000
Australian Team	Netball	30,000
Men's Eight	Rowing (AIS)	27,000
Men's Coxed Four	Rowing (AIS)	7 500
Women's Lightweight Four	Rowing	8 000
Australian Women's Team	Water Polo	26 000
Australian Men's Team	Water Polo (AIS)	19 500
Total Teams		315 000
Plus: Individual Athletes		306 350
TOTAL STEP		**$621 350**

Appendix 9

AIS Scholarships by sport, age and sex as at 30 June 1989

SPORT		under 11	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26+	Total
Basket-ball	(M)						1	1	3	7									12
	(F)						2	4	4	1									11
Canoe-ing	(M)											1	1	1	1	2	1	2	9
Cricket	(M)									6	11	2							19
Cycling	(M)								1	3	3	3	1	1	1				13
	(F)												1		1	1		1	4
Diving	(M)								2			1	1		1				5
	(F)						1				1		2						4
Gymnas-tics	(M)	6	1	1		1	1		4	1		2		1				1	19
	(F)	1	4	2	1		1	1	1										11
Hockey	(M)										7	6	5	1	1				20
	(F)									1	4	2	3	2	2				14
Netball	(F)								2	7	5	2	2		1				19
Rowing	(M)									1	2	1	3	1	1		1		10
	(F)									5	1			1		1			8
Rugby Union	(M)									1	7	8	16	10					42
Soccer	(M)							2	13	1									16
Squash	(M)								1	1	2	2	2		1				9
	(F)								1	1	1		2	1			1		7
Swim-ming	(M)							1	3	1	1	2	1	1	1				11
	(F)							1	4		2	1							8
Tennis	(M)						1	2	1	2	2								8
	(F)						1	5	1	2									9
Track & Field	(M)								1		1	1		2	2		1	3	11
	(F)								1			1		1	1	2		2	8
Water Polo	(M)								2	2	3	3	2	1		1	1	1	16
TOTALS		7	5	3	1	1	8	17	45	43	53	38	42	24	14	7	5	10	323

AIS Scholarships by sport and State as at 30 June 1989

SPORT	Vic.	NSW	WA	Qld	SA	Tas	ACT	NT	Total
Basketball	9	2	2	5	4	1			23
Canoeing		2	2	4	1				9
Cricket	3	4	5	1	3	1	1	1	19
Cycling	4	5		2	5		1		17
Diving	1		1	7					9
Gymnastics	4	8		12			6		30
Hockey	8	5	7	7	3	1	2	1	34
Netball	8	7	1		1		2		19
Rowing	7	1		4	3	1	2		18
Rugby Union		17	1	13			11		42
Soccer	6	6	1	1	2				16
Squash	3	4		8		1			16
Swimming	4	11	1		2			1	19
Tennis	2	8	1	3	1	2			17
Track and Field	11	2	1	3	1			1	19
Water Polo	3	7	2	1	2	1			16
TOTALS	72	89	25	71	28	8	25	4	323

ANZ/AIS National Sports Program

ANZ Youth Sport Scholarship Winners 1988–89

Swimming

Darren Thorne	$1 500
Simon McKillop-Davies	$1 500

Biathlon

Tim Ryan	$1 500
Craig Cross	$1 500

Rowing

Jason Day	$1 000
Courtney Johnstone	$1 000
Fleur Spriggs	$1 000

Rugby League

Matthew Donovan	$1 000
Nigel Poletti	$1 000
David Walsh	$1 000

Basketball

Debra Miller	$1 000
Michele Landon	$1 000
Kellie Smith	$1 000

Women's Hockey

Megan Mitropoulos	$1 000
Corinna Aitken	$1 000
Cheryl Scard	$1 000

Tennis

Jane Taylor	$1 000
Grant Doyle	$1 000
Shane Sterzl	$1 000

Water Skiing

Renee Combes	$1 000
Cassandra Johnson	$1 000
Sharon Stekelenberg	$1 000

Table Tennis

Jamie Perry	$1 500
Dennis Makaling	$1 500

Diving

Vanessa Baker	$1 500
Michael Murphy	$1 500

Amputees

Eddie Roos	$1 000
David Lillecrapp	$1 000
Adrian Lowe	$1 000

Gymnastics

Stacy Wild	$1 000
Gina Peluso	$1 000
Corey Johnson	$1 000

Synchronised Swimming

Frances Hall	$1 000
Margaret Hall	$1 000
Sheridan Pinder	$1 000

Volleyball

Matt Dickeson	$1 000
Robyn Wentworth	$1 000
Sondra Lena	$1 000

Men's Hockey

Damon Diletti	$1 000
Simon Moule	$1 000
Andrew Melchert	$1 000

Baseball

Rick Gozzi	$1 000
Michael Dunn	$1 000
Lyndon Hockey	$1 000

Ice Skating

Hayley Antal	$1 500
Sabrina Moreth	$1 500

Women's Golf

Trudi Jeffrey	$1 000
Nadene Hall	$1 000
Karen Pearce	$1 000

Softball

Joanne Alchin	$1 000
Tanya Harding	$1 000
Nicole Rustin	$1 000

Basketball

Mandy Bonney	$1 000
Julie Wilts	$1 000
Michelle Gubbels	$1 000

Netball

Nicole Foster	$1 000
Narelle Eslick	$1 000
Jodie Heard	$1 000

Track and Field

Christopher Lawson	$1 000
David Hay	$1 000
Julian Paynter	$1 000
Anne Minns	$1 000
Suzy Walsham	$1 000
Jane Saville	$1 000

Water Polo

Daniel Marsden	$1 000
Damien Fanning	$1 000
Paul Oberman	$1 000

1989 AIS Elite Coaching Assistance Scheme Grants

		$
Basketball		
Ray Tomlinson	Vic	1 200
Mike Pattison	Vic	1 200
Bob McGugan	NSW	1 200
Robbie Cadee	NSW	500
Trevor Cook	Qld	500
Barry Barnes	Vic	500
Cycling		
Gary West	SA	2 000
Peter Day	Qld	2 000
Don Blackman	NSW	2 000
Grant Atkins	Tas	1 500
Mick Chapman	NSW	1 250
Trevor Masterson	NSW	1 250
Gymnastics		
Paul Szyjko	SA	1 000
Lindsay Nylund	WA	1 000
Peter Dowdell	Qld	1 000
Elizabeth Chetkovic	WA	1 000
Fred Burke	Qld	500
Anne Scott	NSW	500
Fiona Bird	Vic	500
Ken Armanasco	Vic	500
Hockey (M)		
Frank Murray	WA	2 000
Trevor Cibich	SA	2 000
Dennis Sundin	NSW	2 000
Jim Irvine	Vic	2 000
Ray Dorsett	ACT	2 000
Greg Browning	Qld	2 000
Hockey (W)		
Greg Corben	NSW	500
Gordon Clarke	NT	500
John Middleton	Tas	500
Henny Oldenhove	ACT	500
Netball		
Debra Armstrong	Vic	500
Elsma Merillo	WA	500
Kay Smerdon	SA	500
Carol Sykes	NSW	500
Elizabeth White	Qld	500

Rowing

Barbara Gillett	Vic	2 000
Brian Richardson	Vic	2 000
Bob Bleakley	Qld	2 000
Martin Owen*	Vic	2 000
Bruce Greenland	Qld	2 000
Tim Conrad	NSW	500
Martin Owen*	Vic	500
Matthew Draper	SA	500
David Poulson	Tas	500
John Rynne	Qld	500
Warren Gibson	WA	500

Rugby Union

Bob Hitchcock	ACT	1 000
John Griffith	NSW	500
John Connolly	Qld	500

Swimming

Denis Cotterell	Qld	10 000
Paul Hardman	NSW	10 000
Joe King	Qld	10 000
Bernie Mulroy	WA	15 000
Mark Regan	NSW	10 000
Otto Sonnleitner	Qld	10 000
Brian Sutton*	NSW	10 000
Ken Wood*	Qld	10 000
Allwyn Barrett	Vic	5 000
Laurie Lawrence/ Ian Finlay	Qld	10 000
Eric Arnold	NSW	5 000
Leigh Nugent	Vic	5 000
Terry Buck	NSW	500
Kevin Duff	WA	500
Forbes Carlile	NSW	500
Brian Sutton*	NSW	500
Ray Stephenson	SA	500
Ken Wood*	NSW	500

Track and Field

Phil King	Vic	2 000
John Boas	Vic	2 000
John Zanfirache	Qld	2 000
Mike Hurst	NSW	2 000
Alan Launder	SA	2 000
Colin Wright	NSW	2 000
Gus Puopolo	Vic	2 000
Alan Barlow	Vic	2 000
Bill Hutchinson	WA	2 000
Manfred Lewandowski	Vic	2 000
Chris Wardlaw	Vic	2 000

Pam Turney	Vic	2 000
Ron White	NSW	2 000
Hans Lotz	Vic	2 000

Water Polo

Neil Gynther	Qld	446
Les Kay	NSW	200
Julian Muspratt	NSW	200
Tony Falson	Vic	282
Richard Pengelley	WA	918

Other Assistance

Satellite Coaches

Hockey (M)

CATEGORY A		Benefit
Peter Freer	Tas	A—eligible for AIS coaching scholarships, AIS Elite Coaching Assistance Grants, subsidised visits to AIS Perth, full AIS information service.
Mike Craig	Vic	
Barry Danier	Qld	
Ken Read	Tas	
Bob Claxton	NT	
Larry McIntosh	NSW	
CATEGORY B		
Keith Hall	Qld	B—eligible for special grants, subsidised visits to AIS Perth, T-Shirt, full AIS information service.
John Mowat	Vic	
Barry Pritchard	NSW	
Don Smart	WA	
David Bell	WA	
CATEGORY C		
Adrian Kelly	NT	C—eligible for subsidised visits to AIS Perth plus limited access to AIS information service.
Bruce Baldestone	SA	
Steve Christensen	SA	
Brett Adams	Qld	
Len Giltrow	Qld	
Don Prior	WA	
Ian Pitt	ACT	
Paul Willott	NSW	
Bob Proctor	NSW	
Neil Watson	Vic	
Geoff Perriman	Tas	
Ian Addison	Tas	
Jim Mason	Qld	
Adrian Berce	SA	
Marg Pierce	NT	
Nigel Patmore	WA	
John McKinnon	ACT	

Rugby Union

Alec Evans	NSW	Eligible for assistance with travel to AIS camps, AIS tops, full AIS information service.
Dick Laffan	NSW	
Glen Millar	SA	
Vivi Booker	WA	

Soccer

Steve Darby	ACT	Eligible for assistance with travel to seminars held at the AIS, clothing, full information service.
Tim White	Vic	
David Smith	Tas	
Mike Wells	SA	
John Ward	WA	
Bruce Stowell	Qld	
Ken Kaiser	NSW	
David Lee	NSW	

Note: All coaches who received a monetary grant are also eligible to a full information service.

* Received funding under the 1989 AIS Sports Talent Encouragement plan for coaches and the 1988–89 Satellite Coaching Program, which were amalgamated during the year into the AIS Elite Coaching Assistance Scheme.

Appendix 10

National Sports Program Summary of 1988–89 Camps

Australian Football

4–7 December 1988 — Under 17 camp

A training camp was held for the members of the Under–17 Commonwealth Bank Teal Cup All-Australian Team. This team of twenty-two was selected following the national championships. Many of these players go on to play in the national VFL competition or State leagues.

Baseball

2–9 September 1988 — Olympic preparation

The Australian baseball team held a camp in Brisbane for final preparation before leaving for Seoul. Baseball was a demonstration sport in Seoul. The team missed out by one run on playing off for the bronze medal.

26 March–2 April 1989 — National youth team

A squad of eighteen attended a week-long training camp in preparation for the Under–19 World Youth Championships to be held in August 1989. Three athletes were chosen to receive ANZ/NSP sports scholarships worth $1000 each. The winners were Rick Gozzi from Western Australia, Michael Dunn from South Australia and Lyndon Hockey from Victoria.

2–9 April 1989 — Level 2 coaching course

The purpose of the Level 2 coaching course was to increase the number of Level 2 State and club coaches throughout Australia. Coaches were given the opportunity to gain further knowledge in areas of coaching methods and techniques.

Basketball

31 July–6 August 1988 — Junior women selection camp

Junior women preparation for world championships was held:
4–8 November 1988
15–21 January 1989
26 Feb–3 March 1989
28 May–4 June 1989

Five camps were conducted to select and prepare a team for the Under–21 World Championships to be held in Spain in July. ANZ scholarships worth $1600 each were awarded to Mandy Bonney, Julie Wilts, Michelle Gubbels, Debra Miller, Michele Landon and Kellie Smith.

25–29 August 1988 — Men's Olympic preparation
2–5 September 1988 — Men's Olympic preparation

The men's Olympic team attended the Institute on two occasions in preparation for the Seoul Olympics. At the Olympics, the men's team recorded its best-ever performance finishing fourth. It demonstrated that it has now become a recognised force in the international basketball arena.

1–4 September 1988 — Senior women's Olympic preparation

The women's Olympic team used this camp to its best advantage with an outstanding performance at Seoul. Its fourth placing far exceeded its achievement of fifth at Los Angeles (where only six teams participated). Outstanding victories were recorded against the Soviet Union and Bulgaria. It missed out by one point on playing off for the gold and silver medals.

12–18 March 1989 — Senior women training

This camp was used to bring the new-look Australian team together to prepare for the third Oceania Tournament.

10–15 October 1988 — Aboriginal overseas tour

This camp was used to select an Aboriginal team to tour the United States and Canada.

Biathlon

26 June–3 July 1988

This camp brought together national squad members to prepare for international competition. Tim Ryan and Craig Cross were awarded ANZ scholarships of $1500 each following their efforts at the camp.

27–31 March 1989

Australia's best junior and senior biathletes were given the opportunity to use top-class facilities and underwent instruction from the country's best coaches.

Canoeing

Marathon

29 April–6 May 1989 — Laboratory testing
World championship preparation

Athletes underwent comprehensive fitness testing prior to leaving for the World Marathon Canoeing Cup.

Sprint

7–12 May 1989 — Preparation for overseas competition

This camp was held at the facilities utilised by the Institute at Maroochydore, Queensland and was used to prepare the squad for international competition.

White water slalom

8–13 May 1989 — World championship preparation

This camp was used to prepare the twenty-member team for the World White Water Slalom Championships in the United States. While at the Institute the squad carried out important strength and fitness testing and attended sport psychology lectures.

Cycling

11–20 November 1988 — Level 3 coaching course

At least one coach from each State attended. This camp aimed at developing a group of elite coaches able to train cyclists to international standard. The camp was held at the AIS Cycling Centre in Adelaide.

25–28 November 1988 — Road training camp
9–18 December 1988 — Road training camp

These camps were used to set up training programs and identify goals for cyclists in preparation for overseas racing in 1989.

24 March–2 April 1989 — Junior world championship preparation

The world junior championship team gathered in Adelaide for final training prior to departure for the world championships in Moscow.

7–28 April 1989 — World championship preparation

The Australian male road team attended the Institute for final intensive training before leaving Australia for build-up competitions prior to the world championships. The camp was also used to monitor training progress since the previous camp.

Deaf Sports

27 December 1988–4 January 1989 — World Deaf Games preparation

This camp was used to help the team prepare for the sixteenth World Games for the Deaf, held in Christchurch, New Zealand from 7–17 January 1989.

Disabled Sports

Wheelchair sports

Table Tennis — preparation for Paralympics
16–30 July 1988
14–20 August 1988
20–22 August 1988 Airweapons — preparation for Paralympics
8–11 September 1988 Track — preparation for Paralympics

Cerebral Palsy

5–9 September 1988 — Preparation for Paralympics

Amputees

6–10 October 1988 — Pre-departure Assembly — Seoul Olympics

All disabled groups used the Institute facilities at some time prior to leaving for the Seoul Paralympics, Australia finishing ninth on the medal tally, with twenty-one gold, eighteen silver and thirty-two bronze medals. ANZ Youth Sport Scholarships were awarded to amputees Eddie Roos, David Lillecrapp and Adrian Lowe.

Diving

20–27 November 1988 — Training and coaches camp

This camp was held at the Chandler Aquatic Centre in Brisbane. The camp was geared towards coaches as a means of providing the latest information on aspects of diving, including techniques, training methods, sports science and sports medicine. Coaches participated in practical sessions with their divers and experimented with new ideas being presented. ANZ scholarships worth $1500 each were awarded to Vanessa Baker and Michael Murphy.

Golf

6–12 November 1988 — Junior women Australian championship preparation

Members of the training camp practised at both Yowani and Royal Canberra golf courses. Video was used to help correct problems in technique. All were preparing for the Australian junior championships and interstate matches.

15–21 January 1989 — Junior men's training

An advanced junior training camp was held at the AIS involving twenty of the most promising junior male golfers. The camp was designed to provide advanced coaching and ancillary assistance including psychology, nutrition and weight training.

5–11 March 1989 — Women's training camp

This camp brought together some of Australia's best female amateur golfers. The aim of the camp was to build up and stabilise women's amateur golf through concentrated coaching. To help in coaching, master coach Charlie Earp was brought in to assist. From the camp three girls were awarded ANZ Youth Sport Scholarships worth $1000 each. The recipients of the awards were Trudi Jeffrey, Nadene Hall and Karen Pearce.

Gymnastics

11–24 December 1988 — Men's U–15, U–17, preparation for overseas tour

Fifty-seven of Australia's best junior male gymnasts attended a week-long camp in preparation for overseas competition.

8–14 January 1989 — Rhythmic training camp

Australia's best rhythmic gymnasts were put through their paces in all disciplines. ANZ scholarships worth $1000 each were awarded to Stacy Wild, Gina Peluso and Corey Johnson.

13–15 January 1989 — Women's coaching seminar

A symposium was held at the Institute to provide Australia's elite coaches and judges of women's gymnastics with the most current and accurate information regarding scoring.

23–27 March 1989 — Level 3 coaching course

Ten candidates attended lectures by Brian McVey, Canadian world and Olympic coach, and various other coaches. Other areas covered included nutrition and judging.

Hockey

19 August–1 September 1988 — Women's Olympic Team preparation

The Australian women's hockey team used this camp for final preparations for the Seoul Olympics. At the Olympics the team performed superbly, culminating in their gold medal victory (2–0) against South Korea. It is likely that the nucleus of this team will be retained at least until after the 1990 World Cup in Sydney.

20–28 August 1988 — Men's Olympic Team preparation

Prior to leaving for Seoul the men's Olympic team attended a camp at the AIS. Undefeated in the preliminary rounds, the side was defeated in the play-offs finishing fourth.

17–25 September 1988 — Junior women preparation for World Youth Cup
4–11 December 1988 — U–18 training
15–21 January 1989 — U–21 training

These camps provided Australia's best young women hockey players with the opportunity for intensive training in skills, motivation and strategies. Three ANZ scholarships, each worth $1000, were awarded to Megan Mitropoulos, Corinna Aitken and Cherly Scard.

8–15 January 1989 — Junior men's training camp

An intensive national junior men's training camp was conducted at the Institute. Coaches used the camp to identify talented young players and prospective Institute scholarship holders. Damon Diletti of Western Australia, Simon Moule of Victoria and Andrew Melchert of NSW were each awarded $1000 ANZ scholarships.

Ice Skating

7–26 January 1989 — Elite training camp

A senior and junior camp was held for Australia's elite ice skating squad prior to competition in Australia and overseas. ANZ scholarships worth $1500 each were awarded to Hayley Antal of NSW and Sabrina Moreth of SA.

7–21 April 1989 — Ice dance clinic

Eight dance couples and four coaches attended the two-week camp. The group had lessons in ballroom dancing, jazz ballet, flexibility, nutrition, psychology and weight training.

Ice Hockey

10–17 March 1989 — Preparation for world 'C' pool championships

The camp was used by the Australian senior team to bring together players from five states in preparation for the world championships. The camp was also used to help develop training programs for future international tournaments.

Indoor Soccer

16–21 October 1988 — World Cup preparation

This camp was designed to prepare Australia's best indoor soccer players, both physically and mentally, for their participation in the World Indoor Soccer Cup.

Judo

7–19 August 1988 — Olympic preparation

As with other Olympic sports, a camp was held for judo prior to departure for Seoul. Despite some encouraging performances leading up to the Games, all the men were eliminated in the early rounds. In the women's disciplines, which was a demonstration sport, Australia won a gold and a silver medal.

Lacrosse

27–30 January 1989 — Women's team preparation for world series

The Australian women's lacrosse team held a camp in preparation for the third World Cup of women's lacrosse, to be held in Perth in September 1989.

Lawn Bowls

13–17 February 1989 — Australian team preparation

Australia's ten best male bowlers attended the Institute and had sessions on psychology, nutrition and weight training. The camp was used to prepare teams for competition against New Zealand and Fiji.

Modern Pentathlon

24 July–8 August 1988 — Olympic and world championship preparation

The twenty-member squad was put through an intensive five days. The Institute, the Canberra Pistol Club and local equestrian venues provided the appropriate facilities for the athletes.

Netball

4–6 November 1988 — Preparation for international competition

This camp was used as both a training and selection camp for the Australian open side. From the twenty who attended, teams were chosen for international competition against New Zealand and the West Indies. The team has had mixed success, losing three-nil to New Zealand in the Milo Cup in April and winning four-nil against the West Indies in May.

5–7 May 1989 — U–19 National Talent Camp

Twenty-one of Australia's best up-and-coming netballers were given the chance to attend a weekend of specialist coaching. As part of the camp, the girls played a number of games against a Fijian senior team from Suva to give them a taste of international competition. Players were assessed for future representative potential. Nicole Foster, Narelle Eslick and Jodie Heard were each awarded $1000 ANZ Youth Sport Scholarships.

Polocrosse

11–18 April 1989 — Judges and referees seminar

This camp was used to review the content of its National Coaching Accreditation Scheme, the rules of the game and the umpiring system in Australia. The seminar was a great success with sixty-eight rules being reviewed, a national umpiring committee being established and future guidelines for umpiring implemented.

Rowing

13–20 July 1988 — Lightweight & junior preparation

This camp was used by the crews to gain valuable training and racing opportunities. Following the camp, Jason Day won a silver medal at the World Junior Rowing Championships. Three ANZ scholarships, each worth $1000, were awarded to Jason Day, Courtney Johnstone and Fleur Spriggs.

Rugby League

17–23 July 1988 — National Youth Squad

A training camp for the national youth squad was held at Narrabeen in Sydney. Its aim was to establish new skills and carry out physiological and psychological profiling, and bring new strategies to the players as a team. ANZ scholarships worth $1000 were awarded to Matthew Donovan, Nigel Poletti and David Walsh.

Rugby Union

6–10 March 1989 — U-21 training camp

This camp brought together thirty-eight of Australia's best U-21 rugby union players. The theme of the camp was 'Mindpower', and players attended both group and individual sessions with Institute sport psychologists.

Shooting

Clay Target

17–22 July 1988 — Olympic Games preparation

Australia's Olympic clay target team attended the Institute prior to departure for Seoul. The best performance of the shooters was eleventh.

30 April–6 May 1989 — Junior development

Nine of Australia's best up-and-coming clay target shooters attended a week-long camp at the AIS in Canberra. During the week they underwent practical sessions at the Canberra International Gun Club, with other sessions, including sport psychology, physical fitness, injury prevention and nutrition, taking place at the Institute.

Pistol Shooting

8–11 July 1988 — Coaching and referee seminar

The camp, conducted by the Amateur Pistol Shooting Union of Australia, was to improve the knowledge and skills of coaches and referees and to make them aware of current teaching aids and techniques.

Small Bore Rifle

19–27 January 1988 — Shooting training camp
22–31 January 1989 — National Squad training

Both squads held training camps at the South Australian Sports Institute in Adelaide. The camp involved intensive physical and psychological training. Considerable time was spent with Institute sport psychologists, and athletes were instructed on relaxation techniques. The camp also concentrated on overall fitness, a contributing factor in attaining maximum concentration.

Skiing

Cross-country skiing

3–9 July 1988 — National training camp

An on-snow training camp was held for the cross-country skiers at Falls Creek, Victoria. The camp incorporated both juniors and seniors and it enabled the skiers to concentrate on technical and physical preparation on snow. Time on snow is a prerequisite for success in both national and international competition.

25–31 March 1989 — National training camp

A dry-land camp was held to complement the on-snow training camp. Fitness levels of skiers were tested giving them the opportunity to assess their training progress against physiological and psychological criteria.

Soccer

1–6 October 1988 — U-16 Oceania Tournament preparation

The U-16 team spent a week developing skills and teamwork prior to the Oceania Tournament held in January. The camp was of obvious benefit to the team, with the side taking out the tournament.

17–22 October 1988 — Youth World Cup preparation
1–10 November 1988 — Youth World Cup preparation

These camps were designed to develop the skills of the youth team prior to competing in the World Cup. Unfortunately the team was eliminated from the tournament after losses to East Germany and Brazil and a two-all draw with the United States.

18–24 March 1989 — Women's international competition preparation

The training camp, which was held in Brisbane, was used to finetune the Australian Green and Australian Gold teams prior to competing in the Oceania Cup. The final was contested by New Zealand and Chinese Taipei, with Chinese Taipei winning.

Softball

9–16 April 1989 — National Junior Women Squad

Softball held a camp for its national junior squad in preparation for the Youth World Series in 1991. As part of the seven-day program, the mental and physical preparation necessary to play at the international level was emphasised. ANZ scholarships worth $1000 each were awarded to Joanne Alchin from the ACT, Tanya Harding from Queensland and Nicole Rustin from NSW.

30 April–7 May 1989 — Senior men training camp

A twenty-member squad attended a week-long camp as part of the development of Australian men's softball.

Squash

11–17 December 1988 — Junior development camp

This camp was conducted at the Queen Elizabeth II Jubilee Sports Complex, Brisbane, which is the headquarters of the Institute's squash unit. Ten of Australia's top junior women squash players attended.

Swimming

21–26 September 1988 — Youth team training
4 x 200m relay

The camp had the dual purpose of preparing and developing the youth team as well as allowing last-minute preparations for an Australian 4 x 200m freestyle relay team. The relay team performed very well at the Olympics, just missing out on a medal. ANZ scholarships worth $1500 each were awarded to Darren Thorne and Simon McKillop-Davies, both of NSW.

Synchronised Swimming

11–17 February 1989 — Coaching and training

Fifteen girls, aged between thirteen and seventeen, attended an intensive five-day training camp. The camp was used to teach the squad routines for the 1991 World Swimming Championships. Former Canadian coach, Jo Jo Carrier Thivierge, was brought to Australia to teach the routines she choreographed. Frances Hall, Sheridan Pinder and Margaret Hall were each awarded $1000 ANZ scholarships.

Table Tennis

2–9 December 1988 — International preparation

Table tennis held their camp at the facilities utilised by the Australian Table Tennis Academy in Melbourne. Sports medicine facilities were provided by the Olympic Park Sports Centre, while the Phillip Institute of Technology carried out both field and laboratory tests. ANZ scholarships worth $1500 each were awarded to Jamie Perry and Dennis Makaling.

Tennis

16–21 October 1988 — Talent identification

The camp, which brought together Australia's best junior players, was used to identify potential AIS scholarship holders for 1990. ANZ scholarships each worth $1000 were awarded to Jane Taylor, Grant Doyle and Shane Sterzi.

Tenpin Bowling

15–20 September 1988 — Level 2 coaching course

A Level 2 coaching course was held, its main aim being to improve the standard of coaching throughout Australia.

18–24 September 1988 — Men's youth training
24 September–2 October 1988 — Women's youth training

Both camps were arranged to coincide with a tour to Australia by renowned American coach, Dick Ritger, who showed the select group of young bowlers from around Australia a more professional approach to the game.

Track and Field

6–15 January 1989 — Level 2 coaching course

The Australian Track and Field Coaches Association conduct Level 2 coaching courses annually at the Institute. This year's course drew coaches from many areas in Australia with the aim to develop and educate coaches to a higher level.

21–26 April 1989 — Junior preparation international competition

This camp helped athletes prepare for the rigours of travel and international competition. The camp also helped to develop cohesion within the squad. ANZ scholarships of $1000 each were awarded to Anne Minns, Suzy Walsham, Jane Saville, Christopher Lawson, David Hay and Julian Paynter.

Trampolining

24–27 February 1989 — Training camp

The Australian trampolining team held a training camp in Brisbane to prepare for the Pan Pacific Games to be held in August.

Volleyball

The Australian Volleyball Federation conducted a number of camps at the Institute. Senior and youth men's and women's teams attended before competing in major titles and international matches. Highlights of 1988–89 were visits by a Hungarian senior team as well as the Bicentennial challenge against Italy. ANZ scholarships worth $1000 each were awarded to Matt Dickeson, Robyn Wentworth and Sondra Lena.

Water Polo

24–30 July 1988 — Junior men preparation for overseas tour
7–13 May 1989 — Junior men preparation for overseas tour

These two camps were in preparation for the selection of a national junior team to tour Europe. During the week they were put through their paces alongside resident AIS players. Daniel Marsden, Damien Fanning and Paul Oberman were each awarded $1000 ANZ scholarships.

27 August–4 September 1988 — Men's Olympic Team preparation

The Australian men's water polo squad used this camp for final preparation prior to leaving for Seoul. At the Olympics the team finished eighth, automatically qualifying it for the next World Cup.

22–28 April 1989 — Men's senior training camp
28 May–3 June 1989 — Women's preparation for World Cup

Both the men's and women's squads used the camps for final selection and preparation for overseas competition.

Water Skiing

16–22 October 1988 — National barefoot team
24–29 October 1988 — Race training camp

Members of both the national barefoot and racing squads attended week-long camps at the AIS. Squad members spent a lot of time working on physical fitness. The camps also incorporated a series of stretching and training methods, with an emphasis on developing a more professional approach within the sport. ANZ scholarships worth $1000 each were awarded to Renee Combes, Cassandra Johnson and Sharon Stekelenberg.

Weight-lifting

8–14 January 1989 — Talent identification

Twenty-six promising junior athletes attended a training camp at the Institute, giving coaches the opportunity to assess development and identify potential future champions.

Appendix 11

Publications 1988–89

National Sport Information Centre

Information Services for Australian Sport: Proceedings of a seminar conducted by the National Sport Information Centre, 25 November, 1988

Copies: 50
Cost: $318.29
Printer: Copy-Qik

Information Resources on Australian Sport

Copies: 100
Cost: $171.50
Printer: Copy-Qik

Drug Documentation Annual Bibliography

Copies: 200
Cost: $597.94
Printer: Copy-Qik

Australian Sport Index

Copies: 500
Cost: $868.27
Printer: Copy-Qik

Guide to Sports Collections in Australia

Copies: 100
Cost: $311.88
Printer: Copy-Qik

Australian Sporting Periodicals

Copies: 100
Cost: $115.37
Printer: Copy-Qik

Guide to Commercially Available Videotapes

Copies: 100
Cost: $407.45
Printer: Copy-Qik

Videotape Loan Catalogue

Copies: 200
Cost: $780.79
Printer: Copy-Qik

Sports Journal Update

Copies: 400 per month — 4800
Cost: $3334.62
Printer: Copy-Qik

Sportsinfo Newsletter

Copies: 100
Cost: $43.40
Printer: Copy-Qik

Publications

Preparing and implementing development plans

Copies: 1000
Cost: $1347.13
Printer: AGPS

Managing an international sporting team

Copies: 1000
Cost: $770.83
Printer: AGPS/Canberra Publishing and Printing

National and international sports facilities in Australia

Copies: 1500
Cost: $4780
Printer: Copy-Qik

Physiology and applied nutrition 1988

Copies: 1100
Cost: $2540
Printer: Microdata Pty Ltd

The winning edge

18-minute promotional video of sports science/medicine centre of the AIS

Copies: 10
Cost: $2399
Printer: Impact Images Pty Ltd

Australian Sports Commission annual report 1987–88

Copies: 1000
Cost: $3695.58
Printer: AGPS/Highland Press

Australian Institute of Sport annual report 1987–88

Copies: 1000
Cost: $4452
Printer: AGPS/Canberra Publishing and Printing

Commonwealth assistance to Australian sport 1987–88

Copies: 3030
Cost: $13,348.76
Printer: AGPS/Globe Press, Melbourne

Excel Quarterly

Copies: 20–28 pages per issue —2000
Cost: Vol. 5, No. 1 — $3381
Vol. 5, No. 2 — $3100
Vol. 5, No. 3 — $3070
Printer: Vol. 5, Nos 1–2 — Paragon Printers
Vol. 5, No. 3 — Pirie Printers

Australian Sports Directory 1989

Copies: 4000
Cost: $6031.69
Printer: AGPS/Canberra Publishing and Printing

1985 World Cup Videos

Mens Javelin — 6 copies
Mens Shot Put — 6 copies
Mens Discus — 9 copies
Mens High Jump — 4 copies
Mens Hammer — 2 copies
Womens Discus — 3 copies
Womens Javelin — 1 copy
Womens High Jump — 1 copy

Cost: $12 per copy — $384
Producer/Printer: Atlab Film Laboratories

Sports Participation

Evaluation of AUSSIE SPORTS

Copies: 1000
Cost: $1453
Printer: CPN Publishing and Printing

Report on Australian Sports Commission study of modified sports

Copies: 100
Cost: $318
Printer: CPN Publishing and Printing

Youth sport discussion paper

Copies: 1450
Cost: $1341
Printer: CPN Publishing and Printing

Register of sportswomen — South Australia

Copies: 1000
Cost: Covers by Paragon Printing —$230
Text by CPN Publishing & Printing — $1060

Register of sportswomen —Queensland

Copies: 3000
Cost: Covers by Paragon Printers—$494
Text by CPN Publishing & Printing—$2761

Register of sportswomen —New South Wales

Copies: 2200
Cost: Covers by Paragon Printing—$417
Text by CPN Publishing & Printing—$3245

Australian Coaching Council

Overtraining and recovery

Copies: 400
Cost: $3029
Printer: CPN Publications

Coach's record book

Copies: 3000
Cost: $12,295
Printer: CPN Publications

Sports coach Vol 11/3

Copies: 8000
Cost: $9715
Printer: Inprint

Sports coach Vol 11/4

Copies: 9000
Cost: $9407
Printer: Inprint

Sports coach Vol 12/1

Copies: 10,000
Cost: $15,281
Printer: Inprint

Sports coach Vol 12/2

Copies: 5000
Cost: $6855
Printer: Inprint

National Sports Research Program

Australian sports science directory

Copies: 2000
Cost: $6370
Printer: CPN Publications

Sports specific guidelines

Copies: 300
Cost: $1224
Printer: CPN Publications

NSRP 2nd report

Copies: 3000
Cost: $6866
Printer: Inprint

Sports research needs

Copies: 1500
Cost: $2418
Printer: Pink Panther

National Program on Drugs in Sport

Strategic plan

Copies: 2000
Cost: $1320
Printer: Inprint

Permitted use of medicines in sport

Copies: 2000
Cost: $1680
Printer: CPN Publications

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