



Australian Government

Australian Sports Commission

Clearinghouse for Sport

Australia's knowledge sharing initiative

Claire Kerr

Assistant Director, Clearinghouse for Sport
Australian Sports Commission / Australian Institute of Sport



AIS



What is the Clearinghouse for Sport?

The Clearinghouse for Sport (Clearinghouse), has been established to facilitate the exchange of information and knowledge across the sport sector and all levels of Australian governments.

The Clearinghouse for Sport (Clearinghouse), has been established to facilitate the exchange of information and knowledge across the sport sector and all levels of Australian governments.

Connecting people in sport to a world of ideas, experiences and knowledge.

The Clearinghouse, will ultimately aim to facilitate the following types of knowledge:

- "Know-how" (practical knowledge - information and examples of best practice);
- "Know-what" (factual knowledge – statistics, results, sports facts and dates);
- "Know-why" (scientific knowledge – research reports and scientific literature); and,
- "Know-who" (network knowledge - expert directories and key contacts).



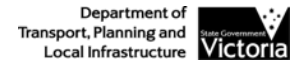
Clearinghouse governance

Clearinghouse for Sport

Collaborate + Share + Learn + Innovate



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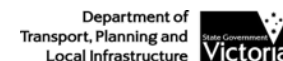


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- The Clearinghouse represents a significant knowledge sharing programme of work by a number of leading Australian Sport Sector partners.
- The Australasian Sport Information Network (AUSPIN) is comprised of sports information and research professionals working across the sport and active recreation sector in Australia including Sport New Zealand and Oceania Sports Information Centre.
- AUSPIN members co-operate with each other by sharing expertise, information and experiences, as well as promoting, developing, and facilitating access to a broad range of sport information and research resources.



Who can access the Clearinghouse?

Membership

- The Clearinghouse is open to all who wish to register as members. **(Membership is free!)**
- Access to some Clearinghouse services and resources may be limited to certain member groups due to licensing arrangements with commercial publishers.
- Access to content may also be restricted in instances where content owners are required to comply with copyright, privacy, and/or commercial in-confidence obligations.

Client Service Model

Group A – Administrators

AUSPIN

Group B – National Sport

Australian Sports Commission, National Sporting Organisations

Group C – State Sport

State and Territory Institutes of Sport and Academies, State Departments of Sport and Recreation, State Sporting Organisations

Group D – Government

Australian, State and Local Government agencies

Group E – Clubs

Professional and community sport clubs

Group F – Community

Commercial sport organisations, academia, general public, international



What information can be found?

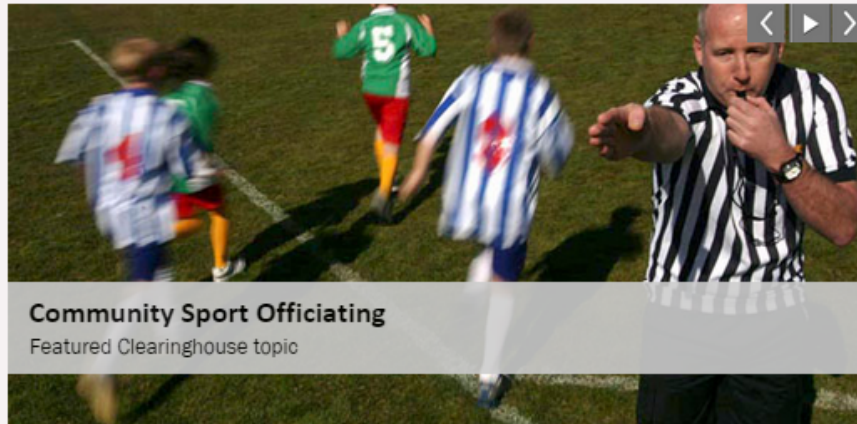
Resources

Clearinghouse members have access to a range of online services and licensed resources, including:

- Portfolios of information covering key topics relevant to the sport sector
- Full text electronic journals and research databases
- Digital image files, and video and audio recordings
- Current awareness and alerting services
- Digitally archived Australian sports publications and reports
- Research and references services
- Discussion and collaboration networks



Inside the Clearinghouse



Community Sport Officiating

Featured Clearinghouse topic



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Clearinghouse4Sport @C4S_AU 3h
 #PhysicalLiteracy: early competency of movement skills will encourage participation in sport: secure.ausport.gov.au/clearinghouse/...pic.twitter.com/af61wDcRce



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Athletics NSW @NSWAthletics 22 Aug

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Sport Sector Knowledge Sharing Portals



High Performance Sport



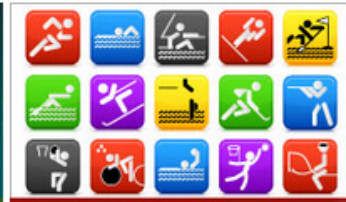
Organised Sport



Sport Participation



Campaign Portal



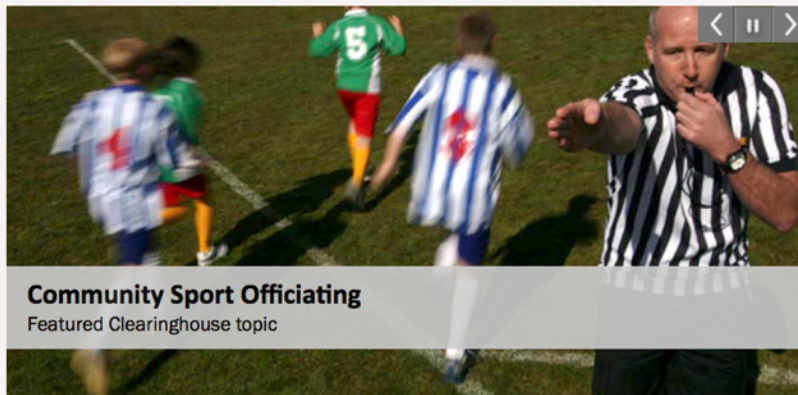
Australian Sporting Organisations



Sport, a new fit

Latest News

- Daily Sports News - WA Edition - 24 August 2015
- Daily Sports News - 24 August 2015
- Daily Sports News WA Edition 21 August 2015
- Daily Sports News - 21 August 2015



Community Sport Officiating
Featured Clearinghouse topic




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 **IASI** @IASI_org 6 Aug
'Connecting Leaders in Sport' - The ASPC IX Forum & IASI Annual Meeting, San Juan, Puerto Rico, 27-29 August 2015:
sportperformancecentres.org/forums/ix

 **IASI** @IASI_org 23 Jul
'Rare footage found in #Olympic archive facelift' - #IOC's €30m conservation project (via @BDliveSA):
bdlive.co.za/sport/otherspo...
[#SportHistory](#)

 **Clearinghouse4Sport** 19 Jul

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Sport Sector Knowledge Sharing Portals



High Performance



Organised Sport



Sport Participation



High Performance Sport New Zealand



NZ Sport and Recreation Knowledge Library



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Sport, a new fit



Athlete Pathways and Development

+ View Topics



Competition and Results

+ View Topics



Performance Coaching and Leadership

+ View Topics



Research and Innovation

+ View Topics



Australia's Winning Edge Athlete Categories

+ View Topics



Daily Training Environment

+ View Topics



Personal Excellence

+ View Topics



AWE Funded High Performance Sports

+ View Topics



International Sport Systems

+ View Topics



Strategy, Planning and Practice

+ View Topics

View Topics



Competition and Results

View Topics

- [Australian Sports Calendar](#)
- [Australian sports World Champions \(1993 to present\)](#)
- [Campaign Rio Portal](#)
- [Commonwealth Games](#)
- [Olympic Games](#)
- [Paralympic Games Revision](#)
- [Paralympic Games](#)
- [Selection Policies and Procedures for Sport](#)



Performance Coaching and Leadership

View Topics



Daily Training Environment

View Topics

- [AIS Best Practice Handbook](#)
- [AIS European Training Centre](#)
- [Physical Therapies for Sport](#)
- [Skill Acquisition for Sport](#)
- [Sports Biomechanics](#)
- [Sports Performance Analysis](#)
- [Sports Performance Psychology](#)
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- [Sports Physiology](#)
- [Sports Medicine](#)
- [Sports Nutrition](#)
- [Strength and Conditioning for Sport](#)



Personal Excellence

View Topics



International Sport System

View Topics



Strategy, Planning and Practice

Athlete Mental Health

Prepared by: Kate Wensley, Residential Athlete Counsellor, Psychologist, Australian Institute of Sport

Evaluated by: [Kirsten Peterson](#), Head of Discipline, Performance Psychology, Australian Institute of Sport (November 2013)

Last Updated by: Christine May, NSIC/Clearinghouse, Australian Sports Commission (July 2015)



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What is mental health?

According to the World Health Organisation (WHO) "Mental health is a state of well-being in which an individual realises his or her own abilities, can cope with the normal stresses of life, can work productively and is able to make a contribution to his or her community" (WHO, 2010).

A mental disorder is a diagnosable illness that affects a person's thinking, emotional state and behaviour, and disrupts his/her ability to carry out normal daily activities (such as work) or engage in satisfying personal relationships.

The term 'mental health problem' captures both mental illness and symptoms of mental illness that may not be severe enough for a diagnosis.

The 2007 National Survey of Mental Health and Wellbeing found that in any given year, 20% of Australians aged 16 to 85 years had a common mental illness, with the most common being anxiety disorders (14.4%), depressive disorders (6.2%) and substance use disorders (5.1%) (Australian Bureau of Statistics; ABS, 2008). Less common mental health problems include eating disorders or psychotic illnesses such as schizophrenia.

What do we know about mental health issues in athletes?

It is well accepted that physical activity has a positive impact on mental health and well-being, and can play an integral role in the treatment of many mental health issues (Schaal et al., 2011).

However, this does not mean that athletes are immune to mental illnesses. In fact, athletes competing at higher levels face unique stressors which may increase the risk for developing mental health problems. Such stressors can include the psychological and physical demands of training and competition, injuries, time commitment to their sport, social difficulties with teammates and/or coaches, operating in a high pressure environment, and poor performances (Gulliver, Griffiths & Christensen, 2012; NCAA, 2013; Schaal et al., 2011).

Current research suggests that:

- Similarly to the general population, anxiety disorders are the most common psychological issue encountered in athletes across both genders (Schaal et al., 2011).
- Elite female athletes are more likely to be diagnosed with a mental illness than elite male athletes (Schaal et al., 2011).
- Female athletes involved in weight-bearing or aesthetic sports are at increased risk of disordered eating (Smolak Murnen & Ruble, 2000; Sundgot-Borgen & Torstveit, 2004).
- Athletes are particularly susceptible to depression and anxiety after major or career ending injuries (Lehman, 1997; Laddy, Lambert, & Oden, 1994).

High Performance Sport Planning

Prepared by: Dr Nicole Vlahovich, Research Consultant, NSIC/Clearinghouse

Evaluation by: [Peter Sharpe](#), Head of HP Capability Building, AIS (February 2013)

Last updated: Christine May, Librarian, NSIC/Clearinghouse, Australian Sports Commission, (14 August 2015)



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Introduction

Planning is a key process that underpins the achievement of sustainable high performance outcomes. "[Australia's Winning Edge 2012-2022](#)", describes the Australian Sports Commission (ASC) and Australian Institute of Sport's (AIS) game plan for moving from world class to world best, and identifies the need for planning and review processes to be contemporary and provide for elevated accountability across the sector.

Please note: This portfolio contains information specifically developed for Australian National Sporting Organisations (NSO) and also more general information which may be useful for other sports organisations and clubs. Clearinghouse members should check to see that they are [logged](#) onto the website.

High performance planning - A guide for NSOs

In response to the needs of the sector, the AIS has developed a new resource designed to help improve the quality and effectiveness of high performance planning in Australia. Aimed primarily at National Sporting Organisations (NSO), this resource has been developed in close consultation with NSOs and the National Institute Network (NIN). Its purpose is to help improve sports' ability to plan and deliver high performance programs, and to support Australia's quest for sustained international success in high performance sport.

It provides information, advice and examples to assist with the process of planning and the content of planning documentation that demonstrates best practice.

Access to the resource is limited to NSOs funded by the ASC for high performance outcomes, NIN members and ASC staff. This guide, and associated support available from the AIS, provides a significant opportunity to make planning for high performance one of Australia's strengths, lending further support to Australia's game plan for moving from world class to world best.

If you have any questions about the use of the guide, please contact your NSO Performance Manager or AIS Sports Performance Manager for further details or assistance.

Please note: Access restrictions apply for the [High Performance Planning a guide for NSOs](#). If you are involved in high performance planning for an NSO and cannot access the guide please contact [Peter Sharpe](#) (Head of Strategy & Planning, AIS).

International Sport Systems

Prepared by: NSIC/Clearinghouse, Australian Sports Commission

Reviewed by: Performance Intelligence Network

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Country Profiles

The following is an organised collection of information resources, contacts and analysis of competing international high performance sport systems.

Country	Population	2013/14 HP Funding \$AUD *	2012 London Olympic Games			2012 London Paralympic Games			2008 Beijing Olympic Games			2008 Beijing Paralympic Games		
			Table Rank	Medals	No. of Medal Sports	Table Rank	Medals	No. of Medal Sports	Table Rank	Medals	No. of Medal Sports	Table Rank	Medals	No. of Medal Sports
United States of America	319 million	\$220 million	1	103 G-46 S-28 B-29	18	8	98 G-31 S-29 B-38	11	2	110 G-36 S-38 B-36	20	3	99 G-36 S-35 B-28	12
China	1.35 billion		2	88 G-38 S-28 B-22	15	1	231 G-95 S-71 B-65	13	1	100 G-51 S-21 B-28	17	1	211 G-89 S-70 B-52	12
United Kingdom	61 million	\$334 million	3	65 G-29 S-17 B-19	17	3	120 G-34 S-43 B-43	13	4	47 G-19 S-13 B-15	11	2	102 G-42 S-29 B-31	11
Russia	143 million	2 billion	4	81 G-24 S-25 B-32	18	2	102 G-36 S-38 B-28	10	3	73 G-23 S-21 B-29	18	8	63 G-18 S-23 B-22	8
South Korea	50.2 million	\$155 million	5	28 G-13 S-8 B-7	12	12	27 G-9 S-9 B-9	8	7	31 G-13 S-10 B-8	14	13	31 G-10 S-8 B-13	8
Germany	82 million	\$275 million	6	44 G-11 S-19 B-14	13	8	66 G-18 S-26 B-22	13	5	41 G-16 S-10 B-15	19	11	59 G-14 S-25 B-20	9
France	66 million	\$384 million	7	34 G-11 S-11 B-12	14	16	45 G-8 S-19 B-18	10	10	41 G-7 S-16 B-18	16	12	52 G-12 S-21 B-19	11
Italy	60 million	\$189 million	8	28 G-8 S-9 B-11	14	13	28 G-9 S-8 B-11	8	9	27 G-8 S-9 B-10	13	28	18 G-4 S-7 B-7	7
Hungary	9.9 million		9	18 G-8 S-4 B-6	8	38	14 G-2 S-6 B-6	5	21	10 G-3 S-5 B-2	5	49	6 G-1 S-0 B-5	2
Australia	23 million	\$182 million	10	35 G-7 S-16 B-12	11	5	85 G-32 S-23 B-30	9	6	46 G-14 S-15 B-17	14	5	79 G-23 S-29 B-27	9
Japan	128 million	\$155 million	11	38 G-7 S-14 B-7	13	24	16 G-5 S-5 B-6	6	8	25 G-6 S-6 B-10	9	17	27 G-5 S-14 B-8	6
Netherlands	16.8 million	\$58 million	13	38 G-7 S-14 B-17	8	10	39 G-10 S-10 B-10	8	12	16 G-7 S-5 B-4	8	19	22 G-5 S-10 B-7	6
The Netherlands	4.5 million	\$60 million	15	12 G-6	6	21	17 G-6	3	25	9 G-3	5	24	12 G-5	4



Prepared by: Greg Blood, Emeritus Researcher, Australian Institute of Sport (June 2014)
Updated by: Gavin Reynolds, Director, NSIC/Clearinghouse, Australian Sports Commission (June 2015)
Reviewed by: International Association for Sports Information
Scheduled release: June 2015

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- [Sports science, medicine and technology](#)
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- [Participation](#)
- [Further resources and reading](#)



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Introduction

Germany has consistently performed well as a nation at recent Summer Olympic Games (1996-2012) finishing between 3rd and 6th on the official International Olympic Committee (IOC) medal tally, and between 8th and 11th (2000-2012) on the official International Paralympic Committee (IPC) medal tally. Germany is also one of the top performing nations at Winter Olympic and Winter Paralympic Games.

The German Olympic Sports Confederation (DOSB), forecasts that Germany is likely to win between 40 to 70 Olympic medals in Rio 2016. Germany competes strongly with Australia for medals in a number of Olympic sports including track cycling, hockey (field), canoeing/kayaking, equestrian, diving, sailing and swimming.

Germany shares a similar national sport structure and high performance system to Australia. However, a few notable differences exist including the role Germany's military, border control, and police services play in employing and supporting their elite and emerging elite level athletes. Also, part of Germany's sports funding base is derived from a national lottery.

Table 1: Key national performance metrics - Germany

Population	Annual Gross Domestic Product (GDP)	Summer Olympic Gold Medal Ranking (2012)	Winter Olympic Gold Medal Ranking (2014)	Summer Paralympic Gold Medal Ranking (2012)	Winter Paralympic Gold Medal Ranking (2014)
82 million	\$3,428 billion (2012 nominal)	6th	6th	6th	2nd

Sport structure and governance

Government

Sport in Germany is autonomous. The German government acts upon the principle of subsidiarity - i.e. the principle that a central authority should only perform those tasks which cannot be performed at a more local level.

The German Government allocates funding directly to the German Olympic Sports Confederation (DOSB), national sports governing bodies (NGBs), high performance training centres and sports academies/schools, sports infrastructure and facilities development, sport science organisations, disability sport and other sport community initiatives.

Structure

- [Diagram of German Sports System](#)
- [German Sport System](#) - Sportsysteme in Europa [Member State Profiles](#)
- A federated system - national, provincial and local governments and organisations
- The peak Federal Government agency responsible for sport is the [Bundesministerium des Innern](#) (Federal Ministry of the Interior). The Ministry funds NGBs based on independent advice provided by the DOSB.

Information Service

(Library)

Library



Catalogue of Australian Sport Sector Library Collections

A national and consolidated view of the Australian Sport Information Network (AUSPIN) library resources (books, reports, videos/DVDs, journal articles).



Research Journals and Databases

A collection of leading Australian and international sport and sport science related literature research databases, including access to electronic journal titles.



Current Awareness Services

A range of alerting and current awareness services that keep you up to date with the latest major sporting news, academic articles, events, conferences, recruitment opportunities and current/past world champions.



Videos

A library of digital video titles (Australian sport sector conferences, seminars, AIS Smart Talks, sport competition, and various other sport related events), webinars, and podcasts.



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Images

Comprehensive and searchable sporting image collection.



Sport Publications Archive

An archive of historical and/or significant Australian sport related documents, reports and publications.

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- Swimming Australia
- Victorian Institute of Sport

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* QAS staff onsite please use the QAS [A-to-Z database](#)

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Infostrada Sports



Includes:

- Podium
- Podium Paralympics
- Podium Matches

Additional Fulltext Journals

*Downloading speed may be slow due to the setting of remote access of IP authenticated content.

Journal	Authentication
ANZSLA The Australian and New Zealand Sports Law Journal is the only peer reviewed publication of it's type in the Australasian region.	Username: nslc Password: New2012
Harvard Business Review Harvard Business Review is a general management magazine published since 1922 by Harvard Business School Publishing, owned by the Harvard Business School.	Username: hbr@hbscorp.gov.au Password: hbrnslc
High Altitude Medicine and Biology The first peer-reviewed journal dedicated exclusively to the latest advances in high altitude life sciences. (2004 - 2007 electronic access only)	Username: hamb@hbscorp.gov.au Password: hbrnslc
Journal of Australian Strength and Conditioning The ASCA's Journal of Australian Strength and Conditioning will provide members with the latest information, issues, advances and programs important to the strength and conditioning profession.	Username: jas@asc27 Password: jasc01
Peak Performance [Login at Subscriber's Area] The research newsletter on stamina, strength and fitness. (Latest five issues only)	Username: sport Password: peak1

Human Kinetics Journals (Use your Clearinghouse for Sport Login)
Adapted Physical Activity Quarterly - v(1)2007~current
International Journal of Athletic Therapy and Training - v(1)1998 ~ current
International Journal of Sport Nutrition and Exercise Metabolism - v(1)1991~current
International Journal of Sport Physiology and Performance - v(1)2006~current
Journal of Applied Biomechanics - v(1)1995~current
Journal of Clinical Sport Psychology - v(1)2007~current
Journal of Physical Activity and Health - v(1)2004~current
Journal of Sport and Exercise Psychology - v(1)1979~current
Journal of Sport Management - v(1)1987~current
Journal of Sport Rehabilitation - v(1)1992~current
Pediatric Exercise Science - v(1)1999~current
The Sport Psychologist - v(1)1987~current

Science Direct Journals (use your Clearinghouse for Sport Login)
Human Movement Science - v(1)1982~current
Journal of Biomechanics - v(1)1968~current
Journal of Science and Medicine in Sport - v(1)1998~current
Operative Techniques in Sports Medicine - v(1)1993~current
Physical Therapy in Sport - v(1)2000~current
Psychology of Sport and Exercise - v(1)2000~current
Sport Management Review - v(1)1998~current



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Daily Sports News

Monday 24, August, 2015

Today's edition includes:

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- [Other Announcements](#)
- [Sports Recruitment](#)
- [International Insights](#)
- [New Analysis](#)
- [Events/Conferences](#)
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[Physical Literacy and Sport](#)

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Clearinghouse for Sport



Athletics

- [Sky the limit as javelin thrower turns to AIS science](#)—Commonwealth Games bronze medallist Kelsey-Lee Roberts says she's aiming high for a podium finish in the javelin at the 2016 Rio Olympic Games. Roberts has been using cutting-edge sport science at the AIS to refine her technique. (*Australian Institute of Sport*)
- [Samuels ready to throw big in Beijing](#)—Australian Dani Samuels is perfectly placed to challenge for a second world discus title in Beijing. (AAP, *SBS Sport*)
- [Beijing 2015](#)—Australian champion Jeff Riseley has been forced to withdraw from his semi-final of the men's 800m at the IAAF World Championships in Beijing. Battling acute soreness to his plantar fascia, the two-time Olympian has decided to focus solely on his preparation for Rio 2016 and not risk a more serious injury. (*Athletics Australia*)
- [Dane Bird-Smith eight in men's 20km walk](#)—Australian Dane Bird-Smith has finished an encouraging eighth in the men's 20km walk at the world athletics championships in Beijing. (AAP, *SBS Sport*)
- [Lauren Wells through to semi-finals, Melissa Breen out in heat](#)—Wells crossed the line happy, she was second in her 400m hurdles heat in a season's best time of 55.65s, then an official told her she was out. Lauren Wells was sure she had done nothing wrong, but for an hour she didn't know if officials would see it her way. (Michael Gleeson, *The Canberra Times*)
- [Farah fireworks help shift focus from doping](#)—Britain's Mo Farah put a difficult few months behind him to retain his 10,000 meters title in some style as the opening day of the World Championships finally shifted the focus from the doping crisis in athletics. (Nick Mulvenney, *Reuters*)
- [Usain Bolt wins 100 metres title, Justin Gatlin second](#)—Usain Bolt has saved his sport from its own grubby self. In the finest performance of his remarkable career the world's fastest man won gold in the 100m at the World Athletics Championships at a time when his sport needed him most. (Michael Gleeson, *The Canberra Times*)

Australian Football

- [Maybe it really is anyone's flag](#)—since the final eight system was introduced in 2000, no side has won a premiership from any lower than third spot. And only three of 15 premiers haven't finished the home-and-away rounds either first or second. But if the ever that status quo is to be challenged, 2015 appears the year. For a number of reasons. (Rohan Connolly, *Brisbane Times*)
- [Wildcats NBL star to chase AFL dream](#)—Hugh Greenwood was just two months into his three-year Wildcats deal when he told the club of his stunning decision to defect to a rival sport. (AAP, *SBS Sport*)
- [Roos says Demons must play out season](#)—Melbourne coach Paul Roos says his players performed like they were on their end-of-season footy trip last round. Roos said it was indicative of teams out of the running for finals. Meanwhile, Roos, will become just the 10th person to have coached and played 600 VFL/AFL games. (AAP, *SBS Sport*)
- [Trailblazer Holmes stakes American flag in Australia](#)—former college basketballer Jason Holmes will

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- Shooting
- Swimming
- Triathlon
- Water Polo
- Winter Sports

Topics

- Administration & Governance
- Anti-Doping
- Athlete Wellbeing
- Biomechanics
- Coaching & Leadership
- Concussion
- Fundamental Movement Skills
- Nutrition
- Performance Analysis
- Performance Psychology
- Performance Recovery
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Coaching & Leadership

[Social-contextual and intrapersonal antecedents of coaches' basic need satisfaction: The intervening variable effect of providing autonomy-supportive coaching.](#)

Solstad, Bård Erlend; van Hoya, Aurélie; Ommundsen, Yngvar, *Psychology of Sport & Exercise Sep2015*, Vol. 20, p84

Abstract: Objectives Based on Self-Determination Theory (SDT; Deci & Ryan, 2012) and in line with Mageau and Vallerand's (2003) motivational model of the coach-athlete relationship, a new model involving antecedents associated with coaches' self-report measure of total need satisfaction (TNS) was tested. This model hypothesized that: (1) coaches' perceptions of a socially united group of athletes and their self-determined motivation for coaching would relate positively

Oceania Rugby Information Update

August, 2015



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Clearinghouse for Sport

The Oceania Rugby Information Update is produced by the Clearinghouse for Sport on behalf of Oceania Rugby and World Rugby.

Oceania Rugby Information Update highlights the latest content on Rugby and selected topic(s) of interest from the latest sports news, recently released books, videos, reports and web resources, along with the most up-to-date academic articles from the SPORTDiscus database (a comprehensive research database of sport and sport science literature).



Copies of articles may be ordered from the **Oceania Sport Information Centre (OSIC)** by cutting and pasting the relevant citation details into an email to osic@usp.ac.fj and copy martin.burrows@usp.ac.fj. Electronic delivery of material is provided gratis, charges may apply if printing/postage required.

[Request Now](#)



Rugby

Optimal training loads for the hang clean and squat jump in Under-21 rugby union players

De Villiers, N.; Venter, R. E., *African Journal for Physical, Health Education, Recreation & Dance* Jun2015, Vol. 21 Issue 2, p665.

Abstract: The purpose of this study was to determine and compare the optimal loads that would produce peak power output (PPO) in the hang clean and squat jump. Under-21 male rugby players (n = 59) from two rugby academies performed a maximal-strength test in the hang clean and squat, followed by a power test in the hang clean and squat jump with loads ranging from 30 to 90% of maximal strength (1RM). Pre-season and in-season testing was conducted. PPO for the hang clean was achieved at 90% 1RM during pre-season and at 80% 1RM during in-season. PPO for the squat jump was achieved in a range from 60- 90% 1RM during pre-season and 50-90% 1RM during in-season. Optimal load for power production was 90% 1RM for the hang clean and 60- 90% for the squat jump. Improvement in strength levels affected both peak-power production and the

Videos

Smart Talk Live

Upcoming presentation:



[Influence of Biological and Technical Variability on Physique Assessment Methods](#)

Ava Kerr, Manager of Health, Sport and Exercise Science Facilities at the University of the Sunshine Coast

12.00-1.00pm, Monday 17 August 2015, AIS Silver Room

SMARTTALK
AIS Applied Research Centre Seminar Series

Smart Talk Seminar Series

- ▣ [Influence of Biological and Technical Variability on Physique Assessment Methods](#)
Date: 18 Aug 2015
- ▣ [Muscle, molecules and medals](#)
Date: 12 Aug 2015
- ▣ [New developments in non-invasive cardiac output measurements in high performance athletes and cardiovascular medicine](#)
Date: 21 Jul 2015

[More Smart Talk Seminar Series videos..](#)



Instructional and Training



Conferences

- ▣ [2015 Winning Pathways Workshop](#)
Date: 16 Jun 2015
- ▣ [Movement Science Forum](#)
Date: 30 Apr 2015
- ▣ [Personal Excellence Professional Development Workshop](#)
Date: 16 Apr 2015

[More Conferences videos..](#)



Competition



Lectures

- ▣ [Sport Talks - Event Legacy](#)
Date: 17 Jun 2015
- ▣ [Tendon Workshop](#)
Date: 27 May 2015
- ▣ [Research into practice: Biomechanics in sport and exercise](#)
Date: 02 Apr 2015

[More Lectures videos..](#)



Oral History

Muscle, molecules and medals

12/08/2015

Presenter: Professor John Hawley, Director, Centre for Exercise and Nutrition, Mary MacKillop Institute for Health Research, Australian Catholic University (ACU)



Cell
Symposia

Exercise Metabolism
July 12 - 14, 2015 - Amsterdam, The Netherlands

Molecules, Muscle and Medals
(With Little Correlation to What I am About to talk About)

John A. Hawley^{1,2}

¹Mary MacKillop Institute for Health Research
Centre for Exercise & Nutrition
Australian Catholic University, Melbourne, Australia;

²Research Institute for Sport and Exercise Sciences,
Liverpool John Moores University, Liverpool, U.K.

Liverpool
John Moores
University

1:05:28

JMU

HD

Biography

[Professor John Hawley](#) is currently Head of the Exercise & Nutrition Research Group and Professor of Exercise Metabolism in the Department of Exercise Sciences at ACU. He has published over 200 scientific manuscripts (PUBMED), written over 80 articles for technical journals and has authored numerous book chapters for exercise biochemistry and sports medicine texts. He currently sits on the Editorial Boards of many international journals including the American Journal of Physiology (Endocrinology and Metabolism); The Journal of Applied Physiology (U.S.A.); The Journal of Sports Sciences (U.K); Medicine & Science in Sports & Exercise (U.S.A.); Sports Medicine (New Zealand); and The International Journal of Sport Nutrition and Exercise Metabolism (U.S.A.). His laboratory's research interests include the interaction of exercise and diet on skeletal muscle metabolism; the molecular bases of exercise training adaptation; the cellular bases underlying exercise-induced improvements in insulin action; and exercise-nutrient interventions for weight loss. He is a consultant for several professional sports teams in Europe and Australia and a regular invited speaker at numerous international conferences every year.

Secure Access: This video is available to member groups B and C. Please see our [Client Service Model](#) for more information.

Collaboration

(Networks)



AOC / AIS Performance Excellence portal

For more information please contact Dane O'Donnell at dane.odonnell@ausport.gov.au



ASC Communications

Network for funded National Sporting Organisations to access Australian Sports Commission's messages and acknowledgement and branding materials. For more information please contact Ms Sam McDonald at branding@ausport.gov.au



Committee of Australian Sport & Recreation Officials (CASRO)

CASRO prepare advice, & discuss and respond to tasks referred to them by the relevant meetings of Commonwealth, state and territories Ministers of Sport & Recreation. This network has been developed for members of the Committee. For more information please contact Jason.Wright@dsr.wa.gov.au



National Elite Sports Council (NESC)

Members & Directors of Sports Institutes & Academies as well as observer representatives from the AOC, APC & ACGA. For more information please contact Ken Norris at podiumperformance@grapevine.net.au



National Sporting Organisation Logos

Network for funded National Sporting Organisations to access Australian Sports Commission's messages and acknowledgement and branding materials. For more information please contact Ms Sam McDonald at branding@ausport.gov.au



Australian Sport Psychologist Network

A network for Australian Sport Psychologists to access and share relevant professional development resources and materials. For more information please contact Amanda Palmer at spnetwork@ausport.gov.au



Sport Participation Network



Sporting Schools



All Networks

Campaign Portal

'Best Planned, Best Prepared and Best Performed'

The Campaign portal is a restricted area and has been established to enhance information sharing between Australian high performance sport management and high performance coaches and support staff attending and/or directly involved in preparations for Olympic and Paralympic Games.



Secure Access: All enquiries concerning permissions and access control to the Campaign Rio portal should be directed to [Tara O'Hanlon](#), Project Officer, Australian Institute of Sport. If you are not already a Clearinghouse for Sport member, please join [today](#). If you have forgotten your password, please use the [forgotten password function](#) or if you are uncertain of your username, please [contact us](#).



2016 Rio Olympic Games



2016 Rio Paralympic Games



Campaign Rio Forums



AOC Planning and Logistics



APC Planning and Logistics



Tokyo 2020

Delivered by the following Australian sport sector partners

Select your country:



AUS



NZ

Sports Draft

The [AIS Sports Draft](#) is part of the Australia's Winning Edge high performance strategy. It provides fast-track development opportunities in Olympic or Commonwealth Games sports to outstanding athletes who are interested in transferring from other sports.



Secure Access: You have been granted access to a highly secure section of the Clearinghouse for Sport. Please manage the following information as a business in-confidence resource. All enquiries concerning permissions and access control to this information should be directed to [Daniel Green](#), Advisor, Athlete Pathways and Development, Australian Institute of Sport.



Camp 27-29 March 2015

Is this information complete?



The Clearinghouse for Sport is a sector-wide knowledge sharing initiative, and as such your contributions are encouraged and appreciated. If you would like to suggest a resource, submit a publication, or provide feedback on this topic, please [contact us](#).

Alternatively, if you would like to be kept up to date with research and information published about this topic, please request a [research profile setup](#).

Delivered by the following Australian high performance sport sector partners

Select your country:



AWE Funded High Performance Sports

The information resources presented in this section of the Clearinghouse for Sport website have been organised for the benefit of Australia's high performance network and [Australia's Winning Edge](#) providers.

Sport Categorisation

- [Foundation](#)
- [Prospective](#)
- [Emerging](#)
- [National and/or Iconic](#)
- [Supported Australian Sports](#)

Foundation

Sports with a record of achieving multi-medal or consistent team medals at Olympic, Paralympic, world championships or Commonwealth Games level. These sports are expected to make the largest contribution towards Australia's Winning Edge targets.

Level F1

Multi-medal at two of the last three Olympic Games or multi-gold medal at two of the last three Paralympic Games; and High probability to multi-medal at the Olympic Games or multi-gold medal at the Paralympic Games in the next two cycles.



Paralympic



Level F2

Medal at two of the last three Olympic Games or gold medal at two of the last three Paralympic Games; and High probability to medal at the Olympic Games or gold medal at the Paralympics Games in the next two cycles.





Our Performance

Membership

- Total Clearinghouse membership is 10,661 at 31 July 2015
- 7,727 members are from the Australian sport and recreation sector
- Average growth is around 250 to 350 members per month

The Clearinghouse for Sport is an Australian Sport Sector Information and Knowledge Sharing Initiative

Total Membership

Sport Sector Members

7,727

Sport and recreation sector members at 31 July 2015

Sport Sector + General Public Members

A total of **10,661** Clearinghouse members, including public, at 31 July 2015

Membership

New members during the month of July 2015



Members unsubscribing during the month of July 2015

30

Membership Growth

New and Updated Resources

- Portfolio resources 'UK International Profile'; 'Crime Reduction and the role of Sport'; 'Sport and Community Development'; 'Sports Club Development'.
- Video resources 'Non-Invasive cardiac output measurements'; 'Deep learning for computer vision'.

Membership Distribution

Total Sport Sector member distribution at 31 July 2015

Australian Sports Commission (ASC) 300
External providers and experts 139

National Sport Organisations (NSO) 1,328
Australian Olympic Committee (AOC) 38
Australian Paralympic Committee (APC) 46

State/Territory Institutes/Academies of Sport (SIS/SAS) 443
State Departments of Sport and Recreation (SDSR) 435
State Sport Organisations (SSO) 944

Australian Government Office for Sport 34
Australian Sports Anti-Doping Authority (ASADA) 37
Australian Government agencies (non sport) 68
State Government agencies (non sport & rec) 144
Local Government agencies 253

New Zealand sport bodies 375
Other international sport bodies 678

Australian public 2,453
International public 375

Professional sport clubs 161
Community sport clubs 619

Athletes 305
Commercial sport bodies 368
Academia 737
Media 49
Libraries 26

Australian Capital Territory

Sport & Recreation - 14
ACTAS - 25
SSO - 57
Sports Club - 34

431

New South Wales

Sport & Recreation - 81
NSWIS - 117
SSO - 191
Sports Club - 214

1,731

South Australia

SA ORS - 45
SAS - 50
SSO - 115
Sports Club - 84

695

Tasmania

Sport & Recreation - 27
TIS - 22
SSO - 38
Sports Club - 12

161

Northern Territory

Sport & Recreation - 30
NTIS - 31
SSO - 34
Sports Club - 20

165

Queensland

Sport & Recreation - 95
QAS - 66
SSO - 147
Sports Club - 154

1,284

Victoria

Sport & Recreation - 40
VIS - 79
SSO - 237
Sports Club - 208

1,847

Western Australia

WA DSR - 108
WAIS - 53
SSO - 125
Sports Club - 73

705

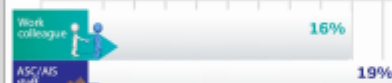
New Zealand

Sport NZ - 58
HP Sport NZ - 77
Peak Bodies - 2
RST - 44
NSO - 49
NRO - 3

375

How did you hear about the Clearinghouse?

Feedback captured from new membership registration forms during the month of July 2015



Member Activity

During the month of July 2015

145,289 Information transactions (i.e. page opens/views, electronic document and media downloads) were performed via the Clearinghouse website.

Popular resources:

- **86,839** Daily Sports News



Thank you



Become a member – <https://secure.ausport.gov.au/clearinghouse>



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Email – claire.kerr@ausport.gov.au