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High Performance Sport News aims to promote greater awareness of key high performance sport activities and topics across the Australian sport sector.

High Performance Sport News is produced by the Clearinghouse for Sport and disseminated monthly. All contributions are welcome. Contact Dr Nicole Vlahovich (nicole.vlahovich@ausport.gov.au) if you would like to share your news.

Please note that some of the web links presented in this edition will require you to log into the Clearinghouse for Sport website. If you are not already a member, please join today: Clearinghouse Registration.

Subscribers to “High Performance Sport News” may also wish to subscribe to other alerting services.

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High Performance Sport Targets

Australia’s Winning Edge - Australia’s Winning Edge is the Australian Sports Commission’s game plan for moving from world class to world best. Developed in partnership with Australia’s high performance network, Australia’s Winning Edge provides the high performance sports sector with clear performance targets and a framework for collaboration from 2012-2022.
**Athletes**

**Athlete Health and Wellbeing:**

- **Safety before entertainment – league’s priorities right on shoulder-charge ban** – The Conversation covers the banning of the shoulder charge tackling technique by the Australian Rugby League, detailing the impacts on the health and safety of the athletes.
- **Exercise safely in heatwave** – With summer beginning Sports Medicine Australia has issued guidance on how to properly prepare for hot conditions and avoid heat injury.

**Research and Innovation**

- **National Research Investment Plan** - The National Research Investment Plan sets out a comprehensive national research investment planning process. It will enable a coordinated, whole-of-government approach to research investment that is structured to meet national needs and provide value for money. The Plan was released by the Australian Government on 28 November 2012. An analysis of the Plan and an interview with the Chief Scientist for Australia, Ian Chubb, was provided by The Conversation: Chief Scientist releases plan for the future of Australian research.

- **Excellence in Innovation. Research impacting our nation’s future – assessing the benefits** - The Australian Technology Network of Universities (ATN) and the Group of 8 (Go8) have launched the results of the Excellence in Innovation for Australia Trial. The aim of the Excellence in Innovation for Australia Trial was to measure the innovation dividend of research generated by Australian universities. An analysis of the report was provided by The Conversation: Research impact can be measured through case studies: UTS research head.

- **Physics decadal plan 2012–2021: Building excellence in physics** – The Australian Academy of Science has released a report about strategic investment in teaching and research in physics, which lies at the heart of science, crossing the boundaries of chemistry, biology, engineering and medicine.

- **WADA issues call for proposals for 2013 scientific research grants** - WADA has issued its call for proposals for scientific research grants in 2013, those interested in submitting science research projects are invited to send in their applications by February 17, 2013.

- **Australia, India to collaborate on science and technology** – ABC Radio presented a segment on the Australia-India Strategic Research Fund, a major bilateral initiative co-funded by both governments is now offering scientists collaboration opportunities. Steve Waugh is interviewed and cricket is stated to be a vital link in evolving a relationship with India.

**Sport Research and Technology in the media**

- **Cartilage made using hybrid 3D printer** – BBC News covered the news that researchers have developed a way to "print" cartilage that could help treat joint diseases and sporting injuries.
- **No evidence of EPO benefit: study** - ABC Science reported on a study which showed the banned substance erythropoietin may not give a performance advantage. The original research article was published in *British Journal of Clinical Pharmacology*.
- **Catapult puts coaches’ eyes inside the ball** – The Financial Review presented an article on Melbourne company Catapult Sports and the GPS-tracking technology it has developed for the AFL.
- **Squash appoints firm to develop innovative court technology as Olympic bid showcased** – Inside the Games reported on the collaboration between the Professional Squash Association and squash court manufacturer ASB in an attempt to enhance the spectator experience of the sport.
- **Crowd sourced funding for sports technology** – Sports Technology Blog presented an opinion piece on the role of crowd sourced funding in sport technology development.
- **Unsung heroes of the games** – The Independent detailed how the inspiration of the next generation of engineers and scientists as a legacy of the London 2012 Games.
- **Who Needs Players? Simulated Games Are the Future of Sports** – Wired published an opinion piece...
proposing that in the future games will rely on computer simulation.

**Recent Publications from AIS/SIS/SAS researchers** - The following articles by AIS and SIS/SAS researchers (and their partners) have been published in academic journals or books:


- **Effect of Intake of Different Dietary Protein Sources on Plasma Amino Acid Profiles at Rest and After Exercise.** Burke, Louise M.; Winter, Julie A.; Cameron-Smith, David; Enslen, Marc; Famfield, Michelle; Decombez, Jacques, *International Journal of Sport Nutrition & Exercise Metabolism* Dec 2012, Vol. 22 Issue 6, p5277


- **The effect of including a series of isometric conditioning contractions to the rowing warm-up on 1,000-m rowing ergometer time trial performance.** Feros SA, Young WB, Rice AJ, Talpey SW, *Journal Of Strength And Conditioning Research* Dec, 2012 Vol. 26 Issue 12, p3326-34

To access the full articles please visit the [Clearinghouse for Sport](#).

To view and access academic literature on a range of sport-related topics, sign up for the [Sport Monthly Update alert service](#).

**Competition**

**Sports betting and corruption: How to preserve the integrity of sport** - This report aims to increase knowledge of corruption in sport by trying to identify the players, methods and conditions that favour this type of criminal dynamic. It will also propose a typology of corruption in sport, a working framework to help understand the phenomenon and its unique characteristics from every angle.

**Match-Fixing—The Biggest Threat to Sport in the 21st Century?** - Published in Sweet & Maxwell’s International Sports Law Review, this review article examines all aspects of match-fixing in an attempt to highlight and question why the issue is given far less column inches and coverage than other threats to the integrity of sport, particularly doping.

**Anti-Doping**

**Publication of second draft of 2015 World Anti-Doping Code** - WADA has published the second draft of the 2015 World Anti-Doping Code following careful consideration of all recommendations received during the second consultation phase of the Code Review Process.

**AFL drug policy is the best and fairest** – In response to recent media relating to drug issues in the AFL (for example [Drugs collision course in The Age](#) ) *The Conversation* analyses the AFL’s illicit drugs policies and refers to the publication [A strategy to reduce illicit drug use is effective in elite Australian football](#).

**Doping film wins documentary award** - A film tracing some of the biggest doping scandals over the last 40 years has won a best documentary award at the Fédération Internationale Cinéma Télévision Sportifs (FICTS) World Sports Film Festival 2012 in Beijing.

**Leading Anti-Doping Figures Unite to Form New Pressure Group** - Former pro cycle team members, world
renowned doping experts, and campaigning international journalists have formed a global pressure group which aims to force change upon international cycling’s governing body and propose a positive vision for cycling’s future.

**International Insights**

**Structure and Governance of NOC*NSF in regard to the Olympic Team preparation** - This report focuses on the question “what is the best organisational structure and governance model for NOC*NSF (Dutch Olympic Committee*Dutch Sports Federation) to reach the strategic goal of a sustainable Top10 position with elite sports in the world?”

**UK Sport invest £720,000 in Team GB coaches to boost 2016 Olympic hopes** - The Guardian reports on the UK Sport program that “aims to develop 12 high achieving coaches from world class level to world leading”.

**India’s Olympic Committee Is Suspended by the IOC** - The New York Times reports on the decision of the IOC to suspend the Indian Olympic Association. This decision will mean that unless the sanctions are lifted, Indian athletes cannot compete under the country’s flag in Olympic events.

**Conferences**

**Canadian Sport for Life National Summit** - This conference will bring together leaders who work to enhance the quality of sport and physical activity in Canada. This conference will be held in Gatineau-Ottawa, Canada. 29-31 January 2013

**Sports Medicine Australia, ACT 2013 Conference of Science & Medicine in Sport** - This Conference will reflect on the beginning of Sports Medicine in Australia, the milestones, highs and lows, establishment of the AIS in 1981, the advancement of technology and the evolving nature of sports, exercise and physical activity. Presenters will be drawn from all fields, reflecting on the journey of the last five decades and discussing some of the latest treatments, strategies, and technologies available today. The Conference will be held at the Australian Institute of Sport, Canberra, 9-10 February 2013.

**Our Sporting Future 2013** - The Our Sporting Future Forum will provide participants with the opportunity to learn and contribute to discussion on the future of Australia's sporting industry, looking into both internal and external impacts on Australia, and the potential effects this may have on the numerous sporting stakeholders. The Forum will be held at the Melbourne Convention & Exhibition Centre, 10–12 April 2013.

**Australian Swimming Coaches and Teachers Association (ASCTA) Convention** - More than 700 swimming coaches and teachers attend this event annually. Held over eight days, the convention will consist of over 80 presenters and 25 exhibitors. This convention will be held on the Gold Coast, Australia, 7 - 12 May 2013

**American College of Sports Medicine 60th Annual Meeting and 4th World Congress on Exercise is Medicine** - With 12 topical tracks, including Exercise is Medicine, attendees of more than 70 disciplines come together from around the globe to share new clinical techniques, scientific advancements and cutting-edge research in sports medicine, exercise science, physical activity and public health. This conference will be held in Indianapolis, USA, 28 May - 1 June, 2013

**Ninth International Symposium on Computer Science in Sport** - The symposium will be presented as a forum for mutual exchange between researchers, coaches, physical education teachers, graduates, fitness instructors, engineers, mathematicians and other sports-related and technical experts, dealing with interdisciplinary topics on sports and computer science. The symposium will be held in Istanbul, Turkey, 19-22 June 2013.

**2013 World Conference on Doping in Sport** - The World Anti-Doping Code review will be reaching a conclusion at the Conference and WADA’s Foundation Board will approve the next edition of the Code to come into operation in January, 2015. WADA has confirmed that the 2013 World Conference on Doping in Sport in Johannesburg, 13-15 November 2013.

**Latest Information and Resources**
New Resources

**European Sprints & Hurdles Conference** – This conference took place at the University of Warwick, UK 10-11 November 2012. The conference notes have been made available on the website.

**The Sport Advocacy Group Website** – The Sport Advocacy Group is an independent body that aims to combine the expertise of the sports industry with the needs and aspirations of the Australian public to provide ‘a voice for sport’. This group has recently launched their website which contains a range of information on the group and its activities.

**From the National Sport Information Centre**

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**Sport Monthly Update** – This Clearinghouse for Sport current awareness service is provided with the help of our Australian Sport Sector partners, listed at the bottom of this e-newsletter. Sport Monthly Updates highlight the latest content on selected topic(s) of interest from the SPORTDiscus database, a comprehensive research database of sport and sport science literature.

**Electronic Tables of Contents** – This Clearinghouse for Sport current awareness service allows members to receive an electronic copy of the ‘table of contents’ for many journals of interest. A list of the journals offering this service can be found on the Clearinghouse for Sport website.

**High Performance Sport News and Community Sport News** – These news services will alert members to the latest information in their respective area of interest. High Performance Sports News is not available to all client groups.

**Daily Sports News** – This news service is published Monday through Friday and provides a summary of the latest sports news stories.