

# **Resume**

**Jason Harding**  
**B.ExSc (Hons), PhD Candidate**  
**[www.AnarchistAthlete.com](http://www.AnarchistAthlete.com)**

## ***PERSONAL DETAILS***

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**Name:** Jason William Harding

**Address:** 7 Ada Street Vincentia, Jervis Bay NSW 2540

**Mobile:** 0419 750 116

**Email :** AnarchistAthlete@gmail.com

**Website:** www.AnarchistAthlete.com

**Linkedin Profile:** <http://www.linkedin.com/in/jasonharding>

**Academic Qualifications:**

**Tertiary Qualifications**

**Doctor of Philosophy Candidate**  
Australian Institute of Sport  
Olympic Winter Institute of Australia  
Griffith University

**Post Graduate Scholarship (Quality Assurance)**  
Department of Physiology  
Australian Institute of Sport

**Bachelor of Exercise Science (First Class Honours)**  
Griffith University

**Bachelor of Exercise Science**  
Griffith University

**Secondary Qualifications**

**Senior High School Certificate**  
Brisbane State High School

**Skill Based Qualifications:**

**Accreditation**

**Level Two Anthropometrist (ISAK Accredited)**  
Australian Institute of Sport

**Blood Withdrawal By Venipuncture**  
Australian Institute of Sport

**St. Johns Senior First Aid Certificate**  
Australian Institute of Sport

**Level 1 Strength And Conditioning Coach**  
Australian Strength and Conditioning Association

**Personal Interests:** Surfing, Skating, Snowboarding, Art, Writing, Photography, Videography, Website Development

## ***BRIEF SUMMARY OF SKILLS, EXPERIENCE AND PROFESSIONAL INTERESTS***

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- **Highly self motivated with the capacity to think outside the square**
- **A wealth of experience presenting information to audiences of varied backgrounds**
- **Proven written communication and scientific publication skills**
- **A wealth of experience providing administrative services to high performance sport**
- **Proven ability to successfully liaise with and influence key stakeholders and funding bodies**
- **Ability to work on own initiative as well as part of a team**
- **Proven practical experience working with coaches, athletes and community members**
- **Ability to devise practical projects and lead professional teams to generate outcomes**
- **Elite-level competition and event organiser (AIS Micro-Tech Pipe Challenge 2007)**
- **Experience in educating athletes and producing associated educational resources**
- **Well versed in biochemical and physiological laboratory and field-testing techniques**
- **Focused on pursuit of knowledge, sport performance and community development**
- **Focussed on the political environment of Australia's sporting communities**
- **Surfer, Skateboarder, Snowboarder**

## ***CAREER OBJECTIVES***

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- **To enhance the policies with which sporting institutes provide support services to athletes**
- **To enhance the relationship between sport science support teams and athletes competing in elite-level sport**
- **To enhance the profile and promote the potential of practical scientific investigation and technological innovation within elite-level sport**
- **To develop elite-level, sanctioned sporting events in Australia that incorporate sport science research, objective judging criteria and augmented athlete feedback**
- **To revolutionise training and competition judging protocols currently utilised in elite-level skill based sports with technologically based automated objective feedback**
- **To set up long-term talent identification and novel athlete development pathways for young surfers, skaters and snowboarders that maximises their competitive and personal success**
- **To develop Australia's first national training centre focussed specifically on elite-level competition success in surfing, skateboarding and snowboarding disciplines**
- **To vigorously promote youth orientated freestyle sports as legitimate Olympic disciplines and to assist the practice community with control over any introduction**

## **ACADEMIC AND PROFESSIONAL AWARDS**

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**WINNER**

**ISPO Technological Innovation Challenge – Competitive Sports Category 2007**

**ISPO Germany**

**WINNER**

**Post Graduate Scholarship (Quality Assurance) 2004**

**Australian Institute of Sport**

**WINNER**

**Award for Academic Excellence for Studies in the Field of Exercise Science – ‘School of Physiotherapy and Exercise Science Honours Scholarship’ 2003**

**Griffith University Gold Coast**

**WINNER**

**Award for Academic Excellence for Studies in the Field of Exercise Science (Honours) 2003**

**Griffith University Gold Coast**

**WINNER**

**Health Group Scholarship ‘Service to Health and Exercise Science at Griffith University’ 2003**

**Griffith University Gold Coast**

**WINNER**

**Award for Academic Excellence for Studies in the Field of Exercise Science 2002**

**Griffith University Gold Coast**

## **CULTURAL AWARDS**

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**WINNER**

**Cultural Club Administrator of the Year (Sand-boarders Club) 2003**

**Griffith University Gold Coast**

**WINNER**

**Best Short Film 2003**

***‘Freedom from Choice’***

**GUGC Student Guild Tertiary Art Prize**

**WINNER**

**Best Short Film 2002**

***‘Ride’***

**GUGC Student Guild Tertiary Art Prize**

**WINNER**

**Best Photographic Work 2000**

***‘The Isolation of Ostracism’***

**GUGC Student Guild Tertiary Art Prize**

**WINNER**

**Best Two Dimensional Painting 2000**

***‘A City of Intoxication’***

**GUGC Student Guild Tertiary Art Prize**

## ***EMPLOYMENT HISTORY***

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**12/2008 – 09/2009**

**FREELANCE SPORT SCIENCE CONSULTANT, WEBSITE DEVELOPER, SPORTS PHOTOGRAPHER**  
[Anarchist Athlete, Jervis Bay](#)

**02/2005 – 12/2008**

**SPORT SCIENCE COORDINATOR FOR AUSTRALIAN OLYMPIC WINTER SPORTS**  
[Australian Institute of Sport, Canberra](#)

**02/2005 – 12/2008**

**PhD RESEARCH SCHOLAR, AUSTRALIAN OLYMPIC WINTER SPORTS**  
[Australian Institute of Sport, Canberra](#)

**12/2003 - 02/2005**

**QUALITY ASSURANCE OFFICER, DEPARTMENT OF PHYSIOLOGY**  
[Australian Institute of Sport, Canberra](#)

**03/2001 – 12/2003**

**UNIVERSITY EDUCATOR (NEUROSCIENCE, BIOPHYSICS AND MATHS FOR CLINICAL SCIENCE)**  
[Griffith University, Gold Coast](#)

## ***SPORTING HISTORY***

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**FIRST PLACE. OPEN SNOWBOARD GIANT SLALOM DOWNHILL EVENT 2004**

[Perisher Blue Ski Resort](#)

**REPRESENTED AND PRESENTED SAND BOARDING AS A COMPETITIVE SPORT 2000 - 2003**

[Griffith University Gold Coast](#)

**REPRESENTED GUGC IN NORTHERN UNIVERSITY GAMES – SURFING 2000 – 2003**

[Griffith University Gold Coast](#)

**CLUB SURFING REPRESENTATIVE - 1995 – 1999**

[Gold Coast](#)

**GRAND FINALISTS – COLTS 1 – 1994**

[Sunnybank Rugby Union](#)

**BEST AND FAIREST PLAYER - COLTS 1 - 1993**

[Sunnybank Rugby Union](#)

**RUGBY UNION FIRST XV - 1992**

[Brisbane State High School](#)

**RUGBY UNION FIRST XV – TOUR OF SOUTH AFRICA (FIRST INTERNATIONAL SCHOOLBOY SPORTS TOUR UPON ABOLITION OF APARTHEID) - 1992**

[Brisbane State High School](#)

**RUGBY UNION A-TEAM – 1988 - 1992**

[Brisbane State High School](#)

**SCHOOLBOYS RUGBY LEAGUE, ATHLETICS, CRICKET – 1984 - 1987**

[Brisbane West Metropolitan](#)

## **PEER REVIEWED PUBLICATIONS**

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**Harding JW**, Mackintosh CG, Martin DT, Hahn AG, James DA (2009) Automated Scoring for Elite Half-Pipe Snowboard Competition - Important Sporting Development or Techno Distraction? *Sports Technology* 2008; 1 (6), 277 – 290

**Harding JW**, James DA. (2009) Fusion of Technological Objectivity into the Underlying Anarchy of Elite Snowboarding - Insights from the Australian National Snowboard Coach. *Sports Technology* 2008; 1 (6), 239 – 248.

**Harding JW**, Mackintosh CG, Hahn AG, James DA (2008) Classification of Aerial Acrobatics in Elite Half-Pipe Snowboarding Using Body Mounted Inertial Sensors. *The Engineering of Sport 7*; Estivalet, M., Brisson, P. Springer-Verlag France., Vol. 2, 447 – 456.

**Harding JW**, Toohey K, Martin DT, Hahn AG, James, D. A (2008) Technology and Half-Pipe Snowboard Competition - Insight From Elite-Level Judges. In *The Engineering of Sport 7*; Estivalet, M., Brisson, P. Springer-Verlag France., Vol. 2, 467 – 476.

**Harding JW**, Small JW, James DA (2007) Feature Extraction of Performance Variables in Elite Half-Pipe Snowboarding Using Body Mounted Inertial Sensors. *BioMEMS and Nanotechnology III 2007*; edited by Dan V. Nicolau, Derek Abbott, Kourosh Kalantar-Zadeh, Tiziana Di Matteo, Sergey M. Bezrukov, *Proceedings of SPIE Vol. 6799 (SPIE, Bellingham, WA,) 679917*.

**Harding JW**, Toohey K, Martin DT, Mackintosh C, Lindh AM, James DA (2007) Automated Inertial Feedback For Half-Pipe Snowboard Competition And The Community Perception. *The Impact of Technology on Sport II 2007*; Fuss F. K., Subic A., Ujihashi S. Taylor & Francis London., 20, 845 – 850.

## **PEER REVIEWED INTERNATIONAL CONFERENCE PRESENTATIONS**

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**Harding JW**, Toohey K, Martin DT, Hahn AG, James DA. (2008) Technology And Half-Pipe Snowboard Competition - Insight From Elite-Level Judges. Paper given at the 7th Conference Of The International Sport Engineering Association, Biarritz France, 2 June.

**Harding JW**, Mackintosh CG, Hahn AG, James DA. (2008) Classification of Aerial Acrobatics In Elite Half-Pipe Snowboarding Using Body Mounted Inertial Sensors. Paper given at the 7th Conference Of The International Sport Engineering Association, Biarritz France, 2 June.

**Harding JW**, Small JW, James DA. (2007) Feature Extraction of Performance Variables in Elite Half-Pipe Snowboarding Using Body Mounted Inertial Sensors. Paper given at the SPIE Micro-electronics, MEMS and Nanotechnology Conference, Canberra Australia, 4 - 7 December, abstract number 6799-46.

**Harding JW**, Toohey K, Martin DT, Mackintosh CG, Lindh AM, James DA. (2007) Automated Inertial Feedback For Half-Pipe Snowboard Competition And The Community Perception. Paper given at the Asia Pacific Congress on Sport's Technology (APCST) Conference, Singapore, 27 September.

**Harding JW**, Mackintosh CG, Martin DT, Rosemond D, Dowlan S, James DA, (2006) Applications for inertial sensors in elite-level half-pipe snowboarding. Paper given at the 17th Biennial Congress of the Australian Institute of Physics, Brisbane Australia, 8 December, abstract number 484.

## **GENERAL CONFERENCE AND PROFESSIONAL PRESENTATIONS**

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**Harding JW** (2008) Technology And Sports Performance - A Case Study In Practical Application. 2nd Annual Evolution of The Athlete Coach Education Conference, Brisbane Australia, 28 October.

**Harding JW** (2008) Profiled by 'QUESTACON'. This focussed upon my research with technology and the Australian Winter Olympic Team and formed part of a nation wide presentation to high school students on the possibilities afforded to students who continue their study of science through university.

**Harding JW** (2008) Profiled by 'SMART START MAGAZINE'. This focused upon my background beginning in high school and continuing through university and onto my current relationship with the Australian Institute of Sport, the Olympic Winter Institute of Australia and Griffith University.

**Harding JW.** (2007) Automated Objective Judging In Elite Half-Pipe Snowboard Competition - The Sport's Future Or An Unrealistic Delusion. NESC Physiology Conference, Brisbane Australia, 25th October.

**Harding JW.** (2007) Automated Inertial Feedback for Elite Half-pipe Competition and the Community Perception. AIS Smart Talk, Canberra Australia, 11th July.

**Harding JW.** (2006) Applications of inertial sensors in elite-level winter sport - Immediate training feedback and influence on current subjective judging protocols. NESC Physiology Conference, Sydney Australia, 2nd November.

**Harding JW.** (2006) Enhancing Elite Level Snowboard Performance - From The Lab To The Field To The Future. AIS Sports Technology Conference, Canberra Australia, 31st August.

**Harding JW.** (2006) Lifestyles - AIS. Digital Snowboard Magazine, Australia, Date of Release July.

## **REFEREES**

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### **Dr. Daniel James. PhD. Mphil. BSc (Hons)**

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### **Ben Wordsworth**

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Olympic Winter Institute of Australia  
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### **Dr. David Martin. BSC. MS. PhD. Internship (U.S Olympic Training Centre)**

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Department of Physiology, Australian Institute of Sport  
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Email [david.martin@ausport.gov.au](mailto:david.martin@ausport.gov.au)