

Martin Gareth Edwards

Curriculum Vitae

School of Sport & Exercise Sciences
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Date of Birth: 21st May 1973
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Employment

- 2002 - present Lecturer of Human Movement, School of Sport and Exercise Sciences, College of Life and Environmental Sciences, University of Birmingham, UK
- 2000 - 2002 Postdoctoral Research Fellow, School of Psychology, University of Birmingham, *Perception and action neuropsychology*, with Professor Glyn Humphreys.
- 1998 - 2000 Postdoctoral Research Fellow, School of Psychology, University of Exeter, UK *Proper noun naming following brain damage*, with Dr Janice Kay and Professor Rick Hanley.

Training and Qualifications

- 2008 - 2009 Medici: Science and Business, University of Birmingham, UK
Training involved understanding the skills and structures used in business, and methods to plan, develop, market and sell scientific ideas commercially.
- 2002 - 2010 Learning and Teaching in Higher Education, University of Birmingham, UK
Training involved course design, understanding the various approaches to student learning, development of assessment, use of online course management, and learning to acknowledge the various needs required by individual students.
- 1995 - 1999 PhD, School of Psychology, University of Birmingham, UK
Routes to action: Neuropsychological evidence. Supervised by Professor Glyn Humphreys and examined by Professor Ian Robertson (Trinity College Dublin) and Professor Alan Wing (Birmingham).
- 1992 - 1995 BSc (hons) Psychology, University of Wales: Bangor, UK.
Research Project: *The neuropsychology of prehension*. Supervised by Professor Stephen Jackson

Research Interests

My research generally falls into three related interests: (i) mechanisms and relationships between perception, cognition and action, (ii) movement priming from observation (imitation) and imagery, and; (iii) movement and cognitive neuropsychology. To do the research, I use a variety of methods including kinematic analysis, simple dexterity testing, reaction time paradigms, neuropsychological tests, neural stimulation and brain imaging with normal aged and brain injured participants.

Research Funding

- 2009 - 2010 Edwards, M.G. *Action priming*. Experimental Psychological Society, Small Grants Scheme (£2000)
- 2008 - 2009 Coello, Y., Delevoie-Turrel, Y., Bartolo, A., Derambure, P., Devanne, H., Honore, J., Billon, A., Martin, Y., Baillard, A., Edwards, M., Humphreys, G., Lopez Moliner, J., Bourgeois, J. and Brunet, F. *Représentation du corps et conscience de l'espace d'action chez les personnes saines ou présentant des déficits moteurs fonctionnels*. European Science Foundation (held at the University of Lille)
- 2007 - 2011 Edwards, M.G. *Using action observation for stroke movement rehabilitation*. Egyptian Government PhD Scholarship (covers the PhD fees, stipend and a £12000 bench fee to cover lab running costs)
- 2006 - 2008 Edwards, M.G., Wing, A.M. and Humphreys, G.W. *The neural processes of object perception and action*. University of Birmingham, Collaborative Research Network (£2800)
- 2005 - 2008 Edwards, M.G., Peters, D., Hughes, C. and Carroll, D. *The effects of ageing on human movement performance*. Joint University of Birmingham and Worcester PhD fund (included £6000 to cover lab running costs)
- 2004 - 2007 Humphreys, G.W., Apperly, I.A., Crisp, R., Edwards, M.G., Miall, C., Praamstra, P., Riddoch, M.J., Samson, D. and Wing, A.M. *From perception and Action to the building blocks of social cognition: fMRI studies*. Medical Research Council, UK (held in the School of Psychology, University of Birmingham)
- 2002 - 2007 Humphreys, G.W., Edwards, M.G., Georgeson, M.A., Harris, M., Heinke, D., Meyer, A., Praamstra, P., Riddoch, M.J., Roberts, B., Schofield, A. and Wing, A.M. *Selection, perception and action*. Medical Research Council, UK (held in the School of Psychology, University of Birmingham)
- 2006 Edwards, M.G. Royal Society Travel Award (£1000).
- 2002 Humphreys, G.W., Praamstra, P., Nouwen, A. and Edwards, M.G. *Event-related potential studies of attention and action*. Economic and Social Research Council, UK (held in the School of Psychology, University of Birmingham)

Principle Research Supervision Experience

- 2007 - 2010 PhD: Mareen Weber, *Neuropsychological assessment of concussion*.
- 2007 - 2010 PhD: Islam Salama, *Action observation and stroke movement rehabilitation*.
- 2006 - 2009 PhD: Robert Hardwick, *Visual perspectives in movement priming*.
- 2006 - 2009 PhD: Jason Martin, *The effects of ageing on human movement performance*, examined by Professor Yann Coello (Lille) and Dr Anna Phillips (Birmingham) [Jason is now a postdoctoral research fellow with Dr Marc Himmelbach at the Centre for Neurology, Tuebingen, Germany]
- 2004 - 2008 PhD: Richard Ramsey, *Neural and behavioural processes of action imagery*, examined by Professor Lew Hardy (Bangor) and Dr Nikos Ntoumanis (Birmingham) [Richard is now a postdoctoral research fellow with Dr Antonia Hamilton at the School of Psychology, University of Nottingham, UK]
- 2003 - 2007 PhD: Dan Eastough, *Object representations in action*, examined by Professor David Milner (Durham) and Professor Alan Wing (Birmingham) [Dan is now a Senior Lecturer at the Institute of Sport and Exercise Science, University of Worcester, UK]

Collaborative Research Supervision Experience

- 2009 - 2012 PhD: Dan Jiang, *Neuroscience of visual and kinaesthetic movement imagery*. The research is based at the School of Sport and Exercise Sciences, University of Bangor, UK. It is co-supervised by Dr Nichola Callow, Professor Robert Rafal and myself.
- 2008 - 2011 PhD: Ashley Routen, *Testing the effectiveness of exercise interventions for overweight children*. The research project is based at the Institute of Sport and Exercise Science, University of Worcester, UK. It is co-supervised by Dr Derek Peters and myself.
- 2008 - 2009 Postdoctoral Research Fellow: Dr Craig McAllister, *Measuring action observation using Transcranial Magnetic Stimulation*, The project was based at the Research Institute for Health and Social Change, University of Manchester Metropolitan University, UK. It was co-supervised by Dr Paul Holmes and myself.
- 2006 - 2010 PhD: Kathy Durham, *Action focus in stroke rehabilitation*. The research is based at the School of Health Sciences, University of Birmingham, UK. It is co-supervised by Dr Paulette Van-Vliet and myself.

Teaching Experience

- 2008 - 2010 *BSc Sport and Exercise Sciences: Year 2 Compulsory Module: Laboratory Class*
I organise the laboratory module. The module runs over twenty weeks and involves an introductory lecture, nine laboratory classes, and a final lecture. I present the introductory and final lectures and run one laboratory class (the other eight are run by different staff members). Each laboratory class consists of two lectures either side of a laboratory session (six hours for each student). The rationale for the module is to provide students with hands-on laboratory experience in research that reflects the research interests of the school. Assessment is through part-completion of a report typical of that used in research, clinical and sport medicine practice.
- 2006 - 2010 *BSc Sport and Exercise Sciences: Year 2: Laboratory Class: Concussion.*
I run one laboratory class (two one-hour lectures and twenty-four hours laboratory work). Students complete a battery of standard neuropsychological assessment methods that measure brain-injury impairment and discuss how the tests could be developed to better diagnose sport related brain injury cognitive impairments. Assessment involves writing part of a typical research report and varies annually.
- 2006 - 2010 *BSc Sport and Exercise Sciences: Year 2 Option: Sensory Motor Neuroscience.*
I contribute to 25% of the module and teach ten one-hour lectures. These introduce the relationship between attention and performance and include dual-task resource competition, inattention blindness, speed accuracy trade-off, uni- and bi-manual coordination and movement skill. Assessment uses multiple-choice / short-answer questions and essays to measure knowledge retention and critical thinking skills.
- 2003 - 2010 *BSc Sport and Exercise Sciences: Year 3 Option Module: Neuropsychology of Action*
The module was developed by myself and involves thirty-five hours of lectures and seminars. The lectures cover the ventral and dorsal / perception and action dissociation literature and the mirror neuron perception and action integration literature (psychology, neuropsychology, fMRI and TMS). At the end of the course, the two areas of research are discussed, and integrated with research from the sport and exercise sciences. The main assessment involves writing a research proposal and there is a multiple question essay style examination. The focus of assessment is used to measure knowledge, critical thinking, creativity and synthesis skills.
- 2002 - 2010 *BSc Sport and Exercise Sciences: Year 3 Research Project Supervision*
The third-year research project requires approximately 200 hours of student input. The aim is for the student to carry out original research in an area covered by the degree programme. I have supervised approximately five students each year. This involved helping the student to develop a hypothesis, design an appropriate research method, apply for ethical approval, carry out the project, collate and analyse the data, and assessed the project through both a conference poster and written presentation.
- 2002 - 2009 I have been invited to contribute lectures in movement and cognitive neuropsychology to the *MRes Cognitive Neuropsychology and Rehabilitation* (University of Birmingham, 2009) and *MSc in Clinical Neuropsychology* (University of Nottingham, 2002-2006)

Administration Experience

Academic Research Society and Interest Group

- 2008 - present Elected Web Editor for the *British Neuropsychological Society*, UK. (<http://the-bns.org/>)
- 2006 - present: Co-Founder, Committee member and Web Editor for the *Research in Imagery and Observation Research Group* (<http://rio-uk.org/>). The group consists of researchers from various universities in Europe.
- 2005 - 2008 Elected Committee member of the *British Neuropsychological Society*, UK

Journal Editorial

- 2007 - present Member of the Editorial Board for the *British Journal of Psychology*

Management / Leader Administration Roles

- 2008 - 2010 School of Sport and Exercise Sciences *Undergraduate Year 2 Head*
- 2007 - 2010 Member of the *Birmingham University Imaging Centre Management Team*
- 2005 - 2009 School of Sport and Exercise Sciences *Postgraduate Admissions Tutor*

School of Sport and Exercise Sciences Committee Membership

- 2008 - 2010 *Student/Staff Undergraduate Committee*
- 2008 - 2009 *Graduate Research Committee*
- 2007 - 2008 *Marketing Subcommittee*
- 2005 - 2008 *Research Subcommittee*
- 2002 - 2006 *Information Technology Subcommittee*

Other Administration Experience

- 2009 Organised a *Research in Imagery and Observation Group* meeting at the University of Birmingham, School of Sport and Exercise Sciences.
- 2009 / 2005 External member for lectureship interviews in the School of Psychology, University of Birmingham, UK
- 2007 Member of the University of Birmingham *School Quality Review Panel* for the School of Geography, Earth and Environmental Sciences. This involved reviewing the quality assurance and enhancement of teaching and research administration in the school on behalf of the University of Birmingham for the Higher Education Funding Council for England
- 2006 / 2005 Organised two *Midlands Motor Group Meetings* at the University of Birmingham, School of Psychology and School of Sport and Exercise Sciences.

Reviewer

- Review for the journals: *Aphasiology*, *Brain and Cognition*, *British Journal of Psychology*, *Cortex*, *European Journal of Sport and Exercise Sciences*, *Experimental Brain Research*, *Journal of Experimental Psychology: Human Perception and Performance*, *Journal of Neuropsychology*, *Journal of Sport and Exercise Psychology*, *Journal of Sport Sciences*, *Neuropsychologia* and the *Quarterly Journal of Experimental Psychology*.
- Review for the Economic and Social Research Council (ESRC)
- Review for the European Science Foundation (ESF)

Conference / Seminar Dissemination (*limited to between 2007 and 2010*)

Invited Speaker Presentations:

- 2008 Invited School Seminar: *Using motion tracking to determine whether action observation or imagery can modulate subsequent movement performance*. Leeds Metropolitan University, Faculty of Health Seminar Series, UK
- 2008 Invited School Seminar: *Can action observation or imagination modulate execution?* School of Psychology, University of Plymouth, UK
- 2007 Invited School Seminar: *Can observed action be perceived?* School of Psychology, Lancaster University, UK
- 2007 Invited Symposia: *Neuroscience of action observation and imagery*. Fédération Européenne de Psychologie des Sports et des Activités Corporelles, Greece

Conference Presentations (excludes invited speaker presentations):

- 2010 Edwards, M.G. and Salama, I., Poster: *Action observation improves strength and dexterity: potential for rehabilitation*, Eighth World Congress on Brain Injury, Washington DC, USA. [March]
- 2010 Weber, M. and Edwards, M.G., Poster: *Do executive function and aggression influence sport concussion?* Eighth World Congress on Brain Injury, Washington DC, USA. [March]
- 2010 Weber, M. and Edwards, M.G., Poster: *Does terminology influence participant responses to sport head injury?*, Eighth World Congress on Brain Injury, Washington DC, USA. [March]
- 2010 Salama, I. and Edwards, M.G., Poster: *Effects of action observation on strength and dexterity*, Experimental Psychological Society, London [January].
- 2009 Jiang, D., Callow, N., Edwards, M.G. and Rafal, R., Poster: *Predictions of brain activity related to subscales of VMIQ-2*, Research in Imagery and Observation-UK, Birmingham, UK.
- 2009 Salama, I. and Edwards, M.G., Oral Paper: *Effects of action observation on strength and dexterity*, Research in Imagery and Observation-UK, Birmingham, UK.
- 2009 Salama, I., Turner, S. and Edwards, M.G., Poster: *Automatic moderation of grip strength following action observation*, Research in Imagery and Observation-UK, Birmingham, UK.
- 2009 Edwards, M.G., Martin, J.A., Hughes, C. and Peters, D., Oral Paper: *Effects of ageing and selective attention on movement speed*, The 4th International Conference on Spatial Cognition, Rome, Italy
- 2009 Hardwick, R. and Edwards, M.G., Poster: *Effects of action observation on movement execution*, The 4th International Conference on Spatial Cognition, Rome, Italy
- 2009 Weber, M. and Edwards, M.G., Poster: *Perception of head injuries in sports: The wording matters!*, International Conference on Mild Traumatic Brain Injury, Vancouver, British Columbia, Canada
- 2009 Routen, A.C., Peters, D.M., Upton, D., and Edwards, M.G., Poster: *A preliminary investigation of child, parent and programme leader reflections on participation and delivery of a family-based weight intervention programme*. BASES Annual Conference, Leeds Metropolitan University, UK
- 2009 Bartolo, A., Coello, Y., Delepouille, S., Endo, S., Edwards, M.G. and Wing, A.M., Poster: *Neurobiological basis of reachability judgement: An fMRI study*, Human Brain Mapping, San Francisco, CA, USA.

- 2009 McAllister, C., Hardwick, R., Edwards, M.G. and Holmes, P., Poster: *Observing another person's actions can inhibit the excitability of the observer's motor system*, Magstim TMS Summer School, London, UK.
- 2009 Hardwick, R. and Edwards, M.G., Oral Paper: *Effects of observation perspective on action priming*, Experimental Psychological Society, Leicester, UK.
- 2009 Routen, A., Upton, D., Edwards, M.G. and Peters, D., Poster: *A preliminary investigation of child, parent and programme leader reflections on participation in and delivery of a family-based weight intervention programme*, Obesity and Insulin Resistance: From Cell to Whole Body, Birmingham, UK.
- 2009 Hardwick, R. and Edwards, M.G., Oral Paper: *An examination of the neural representations of observed actions studies*, Research in Imagery and Observation-UK, Lincoln, UK.
- 2008 Weber, M. and Edwards, M.G., Poster: *Memory deficits following concussion*. Federation of the European Neuropsychology Societies (ESN) in Edinburgh, Scotland, UK.
- 2008 Martin, J.A. and Edwards, M.G., Poster: *Determinant of motor performance across the age span*. Federation of the European Neuropsychology Societies (ESN) in Edinburgh, Scotland, UK.
- 2008 Weber, M. and Edwards, M.G., Poster: *Frontal executive function following concussion: A need to modify assessment?* The International Brain Injury Association, Seventh World Congress on Brain Injury, Portugal
- 2008 Edwards, M.G., Osler, C. and Hardwick, R., Oral Paper: *Using the Simon paradigm to measure automatic action observation priming in a football penalty anticipation task*, Research in Imagery and Observation-UK, Bangor, UK.
- 2007 Martin, J.A., Peters, D., Hughes, C. Edwards, M.G., Poster: *Effects of perceptual complexity on movement across the age-span*, European Science Foundation: Three Dimensional Sensory and Motor Space, Spain.
- 2007 Edwards, M.G. and Eastough, D., Poster: *Can observed action be perceived?* European Science Foundation: Three Dimensional Sensory and Motor Space, Spain.
- 2007 Edwards, M.G. and Eastough, D., Poster: *Weighing-up the perception-action dissociation: Does grasping object mass rely on perception?* EuroCogSci07, Greece

Complete Publications List:

Research Publications: Journal Papers

Ramsey, R., Cumming, J., Edwards, M.G., Williams, S. and Brunning, C. (in press). Examining the Emotion Aspect of PETTLEP based Imagery and Penalty Taking Performance in Football. *Journal of Sport Behavior*.

Ramsey, R., Cumming, J., and Edwards, M. G. (2009). Mental Imagery Inflates Performance Expectations but not Actual Performance of a Novel and Challenging Motor Task. *Imagination, Cognition and Personality*, 28, 331-347

Ramsey, R., Cumming, J. and Edwards, M.G. (2008). Exploring A Modified Conceptualisation Of Imagery Direction And Golf Putting Performance. *The International Journal of Sport and Exercise Psychology*, 6, 207-223.

Rice, N.J., Edwards, M.G., Schindler, I., Punt, T.D., McIntosh, R.D., Humphreys, G.W. & Milner, A.D. (2008), Delay Abolishes The Obstacle Avoidance Deficit In Unilateral Optic Ataxia. *Neuropsychologia*, 46, 1549-1557.

Eastough, D. and Edwards, M.G. (2007). Movement Kinematics In Prehension Are Affected By Grasping Objects Of Different Mass. *Experimental Brain Research*, 176, 193-198.

Edwards, M.G., Wing, A.M., Stevens, J and Humphreys, G.W. (2005). Knowing Your Nose Better Than Your Thumb: Measures Of Over-Grasp Reveal That Face-Parts Are Special. *Experimental Brain Research*, 161, 72-80

Riddoch, M.J., Humphreys, G.W., Jacobson, S., Pluck, G., Bateman, A. and Edwards, M.G. (2004). Impaired Orientation Discrimination And Localisation Following Parietal Damage: On The Interplay Between Dorsal And Ventral Processes In Visual Perception. *Cognitive Neuropsychology*, 21, 597-623

Humphreys, G.W. and Edwards, M.G. (2004). Automatic Obstacle Avoidance And Parietal Cortex. *Nature Neuroscience*, 7, 693.

Banfield, J.F., Pendry, L.F., Mewse A.J. and Edwards, M.G. (2003). The Effects Of An Elderly Stereotype Prime On Reaching And Grasping Actions. *Social Cognition*, 21, 299-319.

Edwards, M.G., Humphreys, G.W. and Castiello, U. (2003). Motor Facilitation Following Action Observation: A Behavioural Study In Prehensile Action. *Brain and Cognition*, 53, 495-502.

Edwards, M.G. and Humphreys, G.W. (2002). Visual Selection And Action In Balint's Syndrome. *Cognitive Neuropsychology*, 19, 445-462.

Hanley, R., Kay, J. and Edwards, M.G. (2002). Imageability And Word Production. *Cognitive Neuropsychology*, 19, 193-206.

Riddoch, M.J., Humphreys, G.W. and Edwards, M.G. (2001). An Experimental Analysis Of Anarchic Lower Limb Action. *Neuropsychologia*, 39, 574-579.

Riddoch, M.J., Humphreys, G.W. and Edwards, M.G. (2000). Neuropsychological Evidence Distinguishing Object Selection From Action (Effector) Selection. *Cognitive Neuropsychology*, 17, 547-562.

Edwards, M.G. and Humphreys, G.W. (1999). Pointing And Grasping In Unilateral Neglect: Effect Of Online Visual Feedback In Grasping. *Neuropsychologia*, 37, 959-973.

Riddoch, M.J., Edwards, M.G., Humphreys, G.W., West, R. and Heafield, T. (1998). Visual Affordances Direct Action: Neuropsychological Evidence From Manual Interference. *Cognitive Neuropsychology*, 15 (6/7/8), 645-685.

Research Publications: Book Chapters

Holmes, P.S., Cumming, J. and Edwards, M.G., (in press). Motor Imagery In Learning Processes: Motor Imagery And Observation In Skill Learning, In A. Guillot and C. Collet, *The Neurophysiological Foundations Of Mental And Motor Imagery*

Humphreys, G.W., Punt, D., Riddoch, M.J., Linnell, K.J., Edwards, M.G., & Wing, A.M. (2005). Attending To What You Are Doing: Neuropsychological And Experimental Evidence For Interactions Between Perception And Action, In G.W. Humphreys & M.J. Riddoch, *Attention in Action: Advances from Cognitive Neuroscience*, pp3-26.

Castiello, U., Lusher, D., Mari, M., Edwards, M.G. & Humphreys, G.W. (2002). Observing A Human Or A Robotic Hand Grasping An Object: Differential Motor Priming Effects. In W. Prinz & B. Hommel (Eds.), *Attention And Performance XIX*. Oxford: Oxford University Press.
Riddoch, M.J., Humphreys, G.W. & Edwards, M.G. (2001). Visual Affordances And Object Selection. In S. Monsell & J. Driver (Eds.), *Attention And Performance XVIII.*, MIT Press

Research Publications: Published Abstracts

Edwards, M.G., Martin, J.A., Hughes, C. and Peters, D. (2009), Effects of Ageing and Selective Attention on Movement Speed, *Cognitive Processing*, 10 (S2), 152

Hardwick, R. and Edwards, M.G. (2009), Effects of Action Observation on Movement Execution, *Cognitive Processing*, 10 (S2), 168

Routen, A.C., Peters, D.M., Upton, D., & Edwards, M.G. (2009). A preliminary investigation of child, parent and programme leader reflections on participation and delivery of a family-based weight intervention programme: Proceedings of the BASES Annual Conference. *Journal of Sport Sciences*, 27 (S2), S85.

Weber, M. and Edwards, M.G. (2008), Frontal Executive Function Following Concussion: A Need To Modify Assessment? *Brain Injury*, 22, 189

Edwards, M.G. & Eastough, D. Weighing-up perception-action dissociation: Does grasping object mass rely on perception? In *Proceedings of the European Cognitive Science Conference 2007*, by Stella Vosniadou and Daniel Kayser [p908] (ISBN-10: 184169696X).

- Edwards, M.G., Cumming, J., Holmes, P.S. & Williams, A.M. Neuroscience of Action Observation and Imagery, In, *12th European Congress of Sport Psychology FEPSAC 2007: Sport and Exercise Psychology Bridges Between Disciplines and Cultures*. Greece, University of Thessaly [p141] (ISBN: 978-960-89923-0-6).
- Ramsey, R., Cumming, J. & Edwards, M.G. Exploring a modified conceptualisation of imagery direction and golf putting performance, In, *12th European Congress of Sport Psychology FEPSAC 2007: Sport and Exercise Psychology Bridges Between Disciplines and Cultures*. Greece, University of Thessaly [p322] (ISBN: 978-960-89923-0-6).
- Cumming, J., Edwards, M.G., Ramsey R. and Nordin, S.M. (2006), Going Full Circle In Imagery Research: From Mirror Neurons To Sports Performance And Back Again, *Journal of Sport and Exercise Psychology*, 28: S8-S9
- Cumming, J., Nordin, S.M., Edwards, M.G. and Ramsey, R. (2006), Closing The Circle: What Imagery Researchers In Neuroscience And Sport Psychology Can Learn From Each Other, *Journal of Sport and Exercise Psychology* 28: S10-S10
- Eastough, D. and Edwards, M.G. (2006), Movement Kinematics In Prehension Are Affected By Grasping Objects Of Different Mass, *Journal of Sport and Exercise Psychology*, 28: S59-S60
- Eastough, D. and Edwards, M.G. (2006), Extrinsic And Intrinsic Feature Labeling Have Surprising Effects On Movement Kinematics In Prehension, *Journal of Sport and Exercise Psychology*, 28: S60-S60
- Edwards, M.G., Cumming, J and Ramsey, R (2006), Imagery In The Neurosciences: Mirror Neurons And Mechanisms Of Performance Enhancement, *Journal of Sport and Exercise Psychology*, 28: S9-S9
- Edwards, M.G., Dijkerman, H.C. and Humphreys, G.W. (2006), Pointing Errors In A Patient With Left Parietal Optic Ataxia Are Linked To Eye Position Rather Than Body Position, *Journal of Sport and Exercise Psychology*, 28: S60-S60
- Nordin, S.M., Ramsey, R., Cumming, J. and Edwards, M.G. (2006), Imagery In Sport Psychology: Effects On Performance From Imagery Direction Manipulations, *Journal of Sport and Exercise Psychology* 28: S10-S10
- Ramsey, R., Edwards, M.G. and Cumming, J. (2006), Neuroscience Meets Sport Psychology: Enhanced Performance Following Action Imagery In Three Movement Kinematics Studies, *Journal of Sport and Exercise Psychology*, 28: S9-S9
- Ramsey, R., Cumming, J., Skubala, M., Barton, S. and Edwards, M.G. (2006), Mental Imagery Inflates Performance Expectations But Not Actual Performance Of A Novel And Challenging Motor Task, *Journal of Sport and Exercise Psychology*, 28: S148-S149