



Martin Gareth Edwards
Université catholique de Louvain
Faculté de Psychologie et des Sciences de l'Éducation
Institut des Sciences Psychologiques
Place du Cardinal Mercier, 10
B-1348 Louvain-la-Neuve
Belgium

Date of Birth: 21/05/1973
Nationality: British

Martin.Edwards@UCLouvain.be

<http://psy-naps.org>

Employment

- 2013-Present: Professor, Faculté de Psychologie et des Sciences de l'Éducation, Institut des Sciences Psychologiques, Université catholique de Louvain
- 2010-13: Chargé de Cours, Faculté de Psychologie et des Sciences de l'Éducation, Institut des Sciences Psychologiques, Université catholique de Louvain
- 2002-10: Lecturer of Human Movement, School of Sport and Exercise Sciences, College of Life and Environmental Sciences, University of Birmingham, UK
- 2000-02: Postdoctoral Research Fellow, School of Psychology, University of Birmingham, UK
 - Project: *Perception and action neuropsychology*, with Glyn Humphreys.
- 1998-00: Postdoctoral Research Fellow, School of Psychology, University of Exeter, UK
 - Project: *Proper noun naming following brain damage*, with Janice Kay and Rick Hanley.

Training and Qualifications

- 2008-09: Medici Certificate in Science and Business, University of Birmingham, UK
 - Training of the skills and structures needed for the creation of a spin-out company, including: business plans, market analyses, funding, licences and knowledge transfer between science and commerce.
- 2002-10: Certificate of Learning and Teaching in Higher Education, University of Birmingham, UK
 - Training included: course design, online course management, approaches to student learning, effective learning materials, learning outcomes and student assessment, reflective practice in course development, supervising students and the acknowledgement of students needs and expectations.
- 1995-99: PhD, School of Psychology, University of Birmingham, UK
 - Thesis: *Routes to action: Neuropsychological evidence*, with Glyn Humphreys. Examined by Ian Robertson (Trinity College Dublin, IE) and Alan Wing (Birmingham, UK).
- 1992-95: Bachelor's in Science (honours); Psychology, University of Wales: Bangor, UK.
 - Research Project: *The neuropsychology of prehension* with Stephen Jackson

Research administration (*limited to the last 4 years; 2015-2019*)

- 2017-20: Chief Editor of the *Journal of Neuropsychology*
- 2015-19: Editorial Advisory Board of *The Malaysian Journal of Psychology*
- 2017-18: Special edition Associate Editor in *Cortex* and *Visual Cognition*
- 2013-18: Deputy Editor of the *British Journal of Psychology* (IF2017: 2.507)
- 2011-16: Associate Editor of the *Journal of Neuropsychology*

- 2017 & 2016: Reviewer for *Aarhus Institute of Advanced Studies Fellowships*, Denmark
- 2016: Reviewer for *Agence Nationale de la Recherche*, France and *Dunhill Foundation*, UK
- 2015: Reviewer for the *Swiss National Science Foundation (SNSF)*

- 2013-19: Secretary, *British Association for Cognitive Neuroscience* (<http://www.bacn.co.uk>).
- 2006-15: Co-founder, committee member and editor of the website for the *Research in Imagery and Observation Research Group* (<http://rio-uk.org>). The group has a conference each year.

Committee Activities (from 2011; at UCLouvain)

- 2018-Present: President / Chair of the (Faculty) Committee of International Relations (CRI-PSP).
- 2017-Present: Member of the Psychological Sciences Research Institute (IPSY) Management Committee
- 2017-Present: Cognitive Neuroscience Representative of the Psychological Sciences Research Institute (IPSY)
- 2016-Present: President / Chair of the Psychology and Education Sciences Doctoral School (CDPE)
- 2012-Present: Member of the Master's Commission in Psychology
- 2014-16; 17-18: Secretary of the Master's Examination Jury in Psychological Sciences.
- 2014-18: Member of the Committee of International Relations (CRI-PSP).
- 2012-15: Committee member of the Masters Reform in 'research methods' and 'neuropsychology'.

Teaching Activities

Teaching (activity started in 2002; here limited to UCLouvain)

- 2016-20: Clinical Neuropsychology (15h, Bachelors Level, LPSP1327)
- 2015-20: Clinical Neuroscience (30h, Masters Level, LPSYS2928)
- 2015-20: Clinical Neuropsychology: Evaluation and Management (22,5h, Masters Level, LPSYS2925)
- 2015-20: Advanced workshop in single case methods and analyses (15h, Masters Level, LPSYS21614)
- 2015-20: Quantitative and Qualitative Research Methods (22,5h, Master Level, LPSYS2143)
- 2015-20: Development of professional skills in research (30h, Masters Level, LPSYS2004)
- 2013-20: Méthodes de recherche (15h+15h, Bachelors Level, LPSP1210)
- 2014-15: In-depth questions in neuroscience (12h, Masters Level, LPSYM2541)
- 2011-15: Seminars that accompany the research project (5h, Masters Level, LPSYM2002)
- 2011-15: Seminars that accompany the internships in research (15h, Masters Level, LPSYM2022)

Supervision of student research projects (limited UCLouvain)

- 2011-18: Masters research projects: 100+
- 2011-17: Masters research (and technical) internships: 36

Current principal and co-supervision / promotion of PhDs, Research Assistants and Fellowships

- 2018-20: Research Fellow: Emilie Lacroix, *eLISA; Development of sensitive computerized cognitive assessment*.
- 2017-23: PhD (PT): Pierre Mengal, *Embedded cognition in computer-generated worlds*
- 2015-21: PhD (PT): Cédric Gaudissart, *Measuring the effects of pressure on the cognitive priming effect*.
- 2015-20: PhD (FT): Audrey Riga, *Processes and mechanisms of perception and action re-learning in brain damaged patients*. I co-supervise the project with Yves Vandermeeren.

Completed principal and co-supervision / promotion of PhDs, Research Assistants and Fellowships

- 1) 2014-18: **PhD**: Vincenza Montedoro, *New insights into the diagnosis, rehabilitation and understanding of hemineglect using new technologies*. I co-supervised the project with Thierry Lejeune.
- 2) 2014-18: **PhD**: Stéphanie Dehem, *Combining a robotic device and a serious game to assess and rehabilitate the upper limb among stroke patients*. I co-supervised the project with Thierry Lejeune.
- 3) 2014-18: **Technical assistant**: Adrien Denis, *Development of robot measures for upper-limb function*. I co-supervised the project with Gaetan Stoquart and Benoit Herman. Adrien now works in virtual reality.
- 4) 2014-18: **PhD**: Marie Alsamour, *Perception and action in children with unilateral spastic cerebral palsy*. I co-supervised the project with Gaetan Stoquart. Examiners: Beatriz Calvo-Merino and Bernard Dan. Marie is now a clinical neuropsychologist at Saint-Luc, Brussels
- 5) 2013-18: **PhD**: Emilie Lacroix, *The impact of vestibular deficits on the development of visuo-spatial functions in deaf children*. I co-supervised the project with Naïma Deggouj. Examiner: Christophe Lopez. Emilie is now a clinical neuropsychologist at Saint-Luc, Brussels.
- 6) 2013-17: **PhD**: Eleonore Smalle, *The cognitive basis of the child advantage in language learning: A memory-based approach*. I co-supervised the project with Arnaud Szmalec. Examiner: Dezső Németh. Eleonore is now a research fellow at the University of Ghent.
- 7) 2011-16: **PhD**: Stéphane Grade, *Implication of motor and numerical cognitive processes in the perception of external space*, Université catholique de Louvain. I co-supervised with Mauro Pesenti. Examiner: Matt Longo. Stéphane is now a research fellow funded by DG06.
- 8) 2012-16: **PhD**: Clément Letesson, *Towards an integrative approach to action observation processes*, Université catholique de Louvain. I co-supervised the project with Dana Samson. Examiner: Patric Bach. Clément is now a senior research officer for NeomaLabs.

- 9) 2011-15: **PhD**: Carys Evans, *Motor imagery and apraxia*, Northumbria University. Magdalena Ietswaart and I were co-supervisors. Examiner: Ferdinand Binkofski. Carys is now a research fellow at Goldsmiths Uni.
- 10) 2013-15: **RA**: Megan Baruffa, *Speech priming from action observation*, Université catholique de Louvain. Megan is now an independent speech and language therapist.
- 11) 2012-14: **RF**: Emanuele Pasqualotto, *Virtual reality for simulated use (VITUSE)*, Université catholique de Louvain. Emanuele is now a data scientist or the P&V group.
- 12) 2009-14: **PhD**: Dan Jiang, *Neuroscience of visual and kinaesthetic movement imagery*, University of Bangor. Nichola Callow and I co-supervised the project. Examiner: Magdalena Ietswaart.
- 13) 2008-13: **PhD**: Ashley Routen, *Body Mass Index and accelerometer measurements for use in the evaluation of pedometer-based physical activity in children*, University of Worcester. Derek Peters and I co-supervised the project. Ash is now an outdoor writer and adventurer (<https://ashrouten.com/>).
- 14) 2007-11: **PhD**: Islam Salama, *Action observation and stroke movement rehabilitation*, University of Birmingham. I was the principal supervisor. Examiner: Nicholas Smeeton. Islam is now a professor at Al Ghad International Medical Sciences College, Saudi Arabia.
- 15) 2007-10: **PhD**: Mareen Weber, *Neuropsychological assessment of concussion*, University of Birmingham. I was the principal supervisor. Examiner: Edward de Haan. Mareen is now a senior research fellow at the University of Arizona, USA.
- 16) 2006-10: **PhD**: Robert Hardwick, *Visual perspectives in movement priming*, University of Birmingham. I was the principal supervisor. Examiner: Steven Tipper. Robert is now a Marie Skłodowska-Curie Individual Fellow at KU Leuven, Belgium.
- 17) 2006-09: **PhD**: Jason Martin, *The effects of ageing on human movement performance*, University of Birmingham. I was a co-supervisor with Derek Peters, University of Worcester. Examiner: Yann Coello. Jason is now a senior research fellow at the University of Cork, Ireland.
- 18) 2004-08: **PhD**: Richard Ramsey, *Neural and behavioural processes of action imagery*, University of Birmingham. Jennifer Cumming and I were co-supervisors. Examiner: Lew Hardy. Richard is now a Reader in Psychology at Bangor University, UK.
- 19) 2003-07: **PhD**: Daniel Eastough, *Object representations in action*, University of Birmingham. I was the principal supervisor. Examiner: David Milner. Daniel is now a senior lecturer at the University of Worcester, UK.

PhD examinations as external examiner

- 2019: Laurène Vuillaume, *Beliefs, bodily-self and consciousness*, Université Libre de Bruxelles, Belgium.
- 2018: Majid Manawer Ben Khaleef Alene, *Motor imagery as a potential tool for improvement of musculoskeletal function in physiotherapy practice*, Bangor University, UK
- 2017: Natasha Ratcliffe, *Multisensory integration, body representation and somatic symptom experience in the general population*, University of Nottingham, UK.
- 2016: Nurwina Akmal Binti Anuar, *Imagery ability in sport and movement*, University of Birmingham, UK
- 2016: Monica Berntsen, *Transcranial alternating current stimulation to areas associated with the human mirror neuron system reveals modulation to mu-suppression and corresponding behaviour*, University of Essex,
- 2014: Valerie Dennehy, *Affective responses to imaged motor fluency*, Bangor University
- 2013: Franck di Rienzo, *Plasticité cérébrale et corrélats neurofonctionnels de l'imagerie motrice après lésion médullaire: étude magnétoencéphalographique et applications en rééducation*, Université de Lyon, France
- 2012: Emeline Clerget, *Role of Broca's area in motor cognition*, Université catholique de Louvain, Belgium
- 2011: Esther Alonso Prieto, *Studying face individualization through event related and steady state visual evoked Potentials techniques in healthy and prosopagnosic individuals*, Université catholique de Louvain
- 2008: Shona Simmons, *The neurophysiological and perceptual responses to hyperthermia induced fatigue and skin cooling*. University of Birmingham, UK
- 2005: Martin Lansley, *The rise and fall of ball velocity in interceptive actions*, University of Birmingham, UK

Research Activities

Research Funding (bold text indicates the principal investigator) (limited to activity 2013-2018):

- 2019-23: **Lejeune, T.**, Edwards, M.G. & Sapin, J., AutoRReVi: Auto-Rééducation en Réalité Virtuelle combinée des troubles moteurs et cognitifs secondaires à un accident vasculaire cérébral / Self-Reeducation in Virtual Reality combined with motor and cognitive disorders secondary to stroke. DG06, Programme Win2Wal, BE. (€756000; €275000 **work-package to Edwards**).
- 2019-21: **Vandermeenen, Y.**, Lejeune, T., Edwards, M.G., The clinical validation of the RobiGame upper limb motor and cognitive serious game, FSR, UCLouvain (€51000).

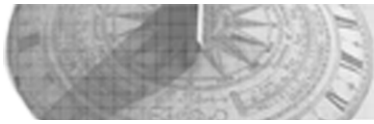
- 2018-21: **Martinot**, Baudart, Edwards & Lambiotte, *Personalized sleep medicine: An innovative approach to sleep disordered breathing (eLISA)*. BioWin (€2.85m; €217000 **work-package to Edwards**).
- 2014-18: **Edwards** & Stoquart, *The relationship between action and perception: The effects of action execution, action execution with robotic assistance and action observation on spatial perception*. Fonds de la Recherche Scientifique - FNRS: Research Project (€285000).
- 2014-18: **Lejeune**, Edwards, Dehez, Conti, Grumiaux, & Sapin, *ROBIGAME: Development and integration of serious games to interactive robots for the rehabilitation of upper limb deficits in brain damaged patients*. DG06, Programme Wallonie-Bruxelles Health Exercise 2013 (€1.2m, with a €280000 **work-package to Edwards**).
- 2012-16: **Edwards**, Pesenti & Samson, *Eye-tracking and cognition: Measures of implicit processes in perception and action, numerical and social cognition*. F.R.S. FNRS: FRFC (€315706).
- 2012-16: **Grade**, Pesenti & Edwards, *Implication of motor and numerical processes in the perception of external space*. F.R.S. FNRS: Aspirant (approx. €120000).
- 2012-14: **Pasqualotto** & Edwards, *Virtual Reality For Simulated Use (VITUSE)*. Research fellowship co-funded by the FSR and the European Commission Marie Curie fellowship scheme (approx. €95000)
- 2011-13: **Edwards**, *Action observation and perception of body space boundary*, FSR Project 2011 (€72500)
- 2011-13: **Edwards**, *Spatial perception and action*, F.R.S. FNRS: Crédit aux Chercheurs (€30300)
- 2011-13: **Edwards**, *Perception and action*, FSR: Budget Jeunes Académiques (€24978)

Invited Speaker Presentations (limited to activity from 2014):

- 2019: **Edwards**, invited speaker to the symposium Rééducation robotisée : Quel avenir ? / Robotic rehabilitation: What future?, presentation: *Héminégligence et robotique / hemineglect and robotics*, at the Entretiens de Médecine Physique et de Réadaptation annual conference, Montpellier, France.
- 2018: **Edwards**, invited speaker in the symposium on *Robotics post-stroke for upper-limb motor and cognitive rehabilitation* at the upper-limb stroke rehabilitation summer school, KU Leuven, Belgium.
- 2018: **Edwards**, *Interactions between action capability and spatial perception*, invited speaker in the symposium *Vision by interaction: Parallel processing and integration in the dorsal and ventral streams* at the Belgian Association for Psychological Sciences 2018 meeting, University of Ghent, Belgium.
- 2018: **Edwards**, *The use of robotics and serious games for diagnosis and treatment of cognitive and motor problems following brain damage*, invited speaker in a symposium at the Human Body in Motion Congress: Brain and Body meeting, Free University of Brussels, Belgium.
- 2017: **Edwards**, *The use of new technologies in the diagnoses and rehabilitation of patients with perception and action deficits*, invited speaker in a workshop at the Belgian National Symposium of Cerebral Palsy Centres.
- 2016: **Edwards**, *Du lien entre la perception cognitive de l'espace et les processus visio-moteurs*, L'interaction homme-machine: une (r)évolution pour les soins de santé, Alumni Ingénieurs Louvain, Université catholique de Louvain, Belgium.
- 2016: **Edwards**, *The use of new technology for diagnosis and rehabilitation in perception and action*, The Belgian Neurorehabilitation Society, Saint Luc University Hospital, Belgium.
- 2016: **Edwards**, *Embodied Space Perception*, Invited speaker in the Symposium *Bodily Perception*, British Association of Cognitive Neuroscience, Hungarian Academy of Sciences, Budapest, Hungary.
- 2015: **Edwards**, *Action observation priming facilitates action execution and spatial perception in healthy and brain-damaged participants*, Federation of European Neuroscience Societies, Regional Meeting, Thessaloniki
- 2015: **Edwards & Grade**, *Exploring action simulation embodied cognition using distance estimation and reachability perception judgment*, Seminar Series of the University Paris Ouest, France
- 2014: **Edwards**, *Using action observation priming to develop new clinical treatments in neuropsychology*, Seminar Series of the University of Nottingham, UK.
- 2014: **Grade**, Pesenti & Edwards, *How do manipulations of action ability modify reach space?* The 28th International Congress of Applied Psychology (ICAP), France.

<u>Citation indices (24/06/19)</u>	<u>Google Scholar</u>	<u>(since 2014)</u>
Number of papers & book chapters	55	20
Total citations	1478	757
Average citations per paper	27	38
h-index	23	17
i10-index	37	30

The peer-reviewed journal articles between 2010-2019 are copied to the following pages, exported from the UCLouvain repository, DIAL: <http://dial.uclouvain.be>



Bibliographie

Critères de recherche	
Auteur(s)	: Edwards, Martin

2018

Smalle, Eleonore ; Page, Mike ; Duyck, Wouter ; Edwards, Martin ; Szmalec, Arnaud. *Children retain implicitly learned phonological sequences better than adults: A longitudinal study*. In: *Developmental Science*, Vol. 21, no. 5, p. e12634 [1-15] (2018). doi:10.1111/desc.12634. <http://hdl.handle.net/2078.1/188346>

Alsamour, Marie ; Gilliaux, Maxime ; Renders, Anne ; Lejeune, Thierry ; Stoquart, Gaëtan ; Edwards, Martin. *Does observation of a disabled child's action moderate action execution? Implication for the use of Action Observation Therapy for patient rehabilitation*. In: *Cortex*, Vol. 107, no., p. 102-109 (2018). doi:10.1016/j.cortex.2017.11.003. <http://hdl.handle.net/2078.1/209119>

Montedoro, Vincenza ; Alsamour, Marie ; Dehem, Stéphanie ; Lejeune, Thierry ; Dehez, Bruno ; Edwards, Martin. *Robot diagnosis test for egocentric and allocentric hemineglect*. In: *Archives of Clinical Neuropsychology*, Vol. 34, no. 4, p. 481-494 (1/6/2019). doi:10.1093/arclin/acy062. <http://hdl.handle.net/2078.1/203888>

2017

Dehem, Stéphanie ; Stoquart, Gaëtan ; Montedoro, Vincenza ; Edwards, Martin ; Heins, Sophie ; Dehez, Bruno ; Lejeune, Thierry. *L'apport de nouvelles technologies dans la rééducation motrice et cognitive des patients cérébro-lésés*. In: *Louvain médical*, Vol. 136, no. 2, p. 99-101 (2017). <http://hdl.handle.net/2078.1/183890>

Heins, Sophie ; Dehem, Stéphanie ; Montedoro, Vincenza ; Stoquart, Gaëtan ; Edwards, Martin ; Dehez, Bruno ; Rocca, Francois ; De Deken, Pierre-Henri ; Mancas, Matei ; Lejeune, Thierry. *Robotic-assisted serious game for motor and cognitive post-stroke rehabilitation*. In: *Robotic-assisted serious game for motor and cognitive post-stroke rehabilitation*, p. 1-8. doi:10.1109/SeGAH.2017.7939262. <http://hdl.handle.net/2078.1/186314>

2016

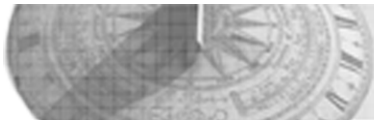
Smalle, Eleonore ; Bogaerts, Louisa ; Simonis, Morgane ; Duyck, Wouter ; Page, Michael P. A. ; Edwards, Martin ; Szmalec, Arnaud. *Can Chunk Size Differences Explain Developmental Changes in Lexical Learning?*. In: *Frontiers in Psychology*, Vol. 6, no.1925, p. 1-14 (2016). doi:10.3389/fpsyg.2015.01925. <http://hdl.handle.net/2078.1/169139>

Evans, Carys ; Edwards, Martin ; Taylor, Lawrence J ; Ietswaart, Magdalena. *Impaired Communication Between the Dorsal and Ventral Stream: Indications from Apraxia*. In: *Frontiers in Human Neuroscience*, Vol. 10, no.0, p. 8 (2016). doi:10.3389/fnhum.2016.00008. <http://hdl.handle.net/2078.1/175580>

Evans, Carys ; Edwards, Martin ; Taylor, Lawrence J ; Ietswaart, Magdalena. *Perceptual decisions regarding object manipulation are selectively impaired in apraxia or when tDCS is applied over the left IPL*. In: *Neuropsychologia*, Vol. 86, no. June, p. 153-166 (2016). doi:10.1016/j.neuropsychologia.2016.04.020. <http://hdl.handle.net/2078.1/182334>

Lacroix, Emilie ; Deggouj, Naima ; Salvaggio, Samuel ; Wiener, Valérie ; Debue, Michel ; Edwards, Martin. *The development of a new questionnaire for cognitive complaints in vertigo: the Neuropsychological Vertigo Inventory (NVI)*. In: *European Archives of Oto-Rhino-Laryngology*, Vol. 273, no. 12, p. 4241-4249 (2016). doi:10.1007/s00405-016-4135-x. <http://hdl.handle.net/2078.1/182333>

Dehem, Stéphanie ; Lejeune, Thierry ; Stoquart, Gaëtan ; Detrembleur, Christine ; Renders, Anne ; Edwards, Martin ; Clarinval, Charlotte ; Frognet, Cécile ; Brouwers, Isaline ; Montedoro, Vincenza ; Galinski, Daniel. *Validation of upper limb motor assessment tasks using a rehabilitation robot in healthy children*. In: *Annals of Physical and*



Rehabilitation Medicine, Vol. 59, no.0, p. e87-e88 (2016). doi:10.1016/j.rehab.2016.07.199 (Accepté/Sous presse). <http://hdl.handle.net/2078.1/182335>

2015

Martin, Jason A ; Ramsay, Jill ; Hughes, Christopher ; Peters, Derek M ; Edwards, Martin. *Age and grip strength predict hand dexterity in adults..* In: *PLoS One*, Vol. 10, no. 2, p. e0117598 [1-18] (2015). doi:10.1371/journal.pone.0117598. <http://hdl.handle.net/2078.1/165359>

Letesson, Clement ; Grade, Stéphane ; Edwards, Martin. *Different but complementary roles of action and gaze in action observation priming: Insights from eye- and motion-tracking measures..* In: *Frontiers in Psychology*, Vol. 06, no.01, p. 569 (2015). doi:10.3389/fpsyg.2015.00569. <http://hdl.handle.net/2078.1/165360>

Grade, Stéphane ; Pesenti, Mauro ; Edwards, Martin. *Evidence for the embodiment of space perception: concurrent hand but not arm action moderates reachability and egocentric distance perception.* In: *Frontiers in Psychology*, Vol. 6, no.1, p. 862 (2015). doi:10.3389/fpsyg.2015.00862. <http://hdl.handle.net/2078.1/165363>

Jiang, Dan ; Edwards, Martin ; Mullins, Paul ; Callow, Nichola. *The neural substrates for the different modalities of movement imagery..* In: *Brain and Cognition*, Vol. 97, no.1, p. 22-31 (2015). doi:10.1016/j.bandc.2015.04.005. <http://hdl.handle.net/2078.1/165365>

2014

Bartolo, Angela ; Coello, Yann ; Edwards, Martin ; Delepoulle, Samuel ; Endo, Satoshi ; Wing, Alan M. *Contribution of the motor system to the perception of reachable space: an fMRI study..* In: *European Journal of Neuroscience*, Vol. 2014, no. 1, p. n/a-n/a (2014). doi:10.1111/ejn.12742. <http://hdl.handle.net/2078.1/153363>

Edwards, Martin. *The effect of pedometer step goal, feedback and self-monitoring interventions on accelerometer-measured physical activity in children.* In: *Graduate journal of sport, exercise & physical education research*, Vol. 2, no.1, p. 37-53 (22 Apr 2014). <http://hdl.handle.net/2078.1/165357>

2013

Durham, K. F. ; Sackley, C. M. ; Wright, C. C. ; Wing, A. M. ; Edwards, Martin ; van Vliet, P.. *Attentional focus of feedback for improving performance of reach-to-grasp after stroke : a randomised crossover study.* In: *Physiotherapy*. <http://hdl.handle.net/2078.1/141674>

Callow, Nichola ; Roberts, Ross ; Hardy, Lew ; Jiang, Dan ; Edwards, Martin. *Performance improvements from imagery : evidence that internal visual imagery is superior to external visual imagery for slalom performance.* In: *Frontiers in human neuroscience*, Vol. 7, p. 697 (2013). doi:10.3389/fnhum.2013.00697. <http://hdl.handle.net/2078.1/140773>

2012

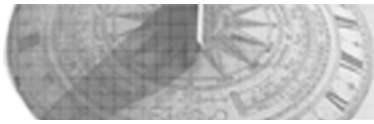
Routen, Ash C. ; Upton, Dominic ; Edwards, Martin ; Peters, Derek M.. *Discrepancies in accelerometer-measured physical activity in children due to cut-point non-equivalence and placement site.* In: *Journal of Sports Sciences*, Vol. 30, no.12, p. 1303-1310 (2012). doi:10.1080/02640414.2012.709266. <http://hdl.handle.net/2078.1/120690>

Routen, Ashley ; Upton, Dominic ; Edwards, Martin ; Peters, Derek. *Intra- and inter-instrument reliability of the Actiwatch 4 accelerometer in a mechanical laboratory setting.* In: *Journal of Human Kinetics*, Vol. 31, p. 17-24 (2012). doi:10.2478/v10078-012-0002-z. <http://hdl.handle.net/2078.1/143263>

Hardwick, Robert M. ; Edwards, Martin. *Motor interference and facilitation arising from observed movement kinematics.* In: *The Quarterly Journal of Experimental Psychology*, Vol. 65, no. 5, p. 840-7 (2012). doi:10.1080/17470218.2012.672995. <http://hdl.handle.net/2078/120691>

Loporto, Michela ; McAllister, Craig J ; Wright, David J ; Holmes, Paul S. *Prior action execution has no effect on corticospinal facilitation during action observation*, collab. Edwards, Martin. In: *Behavioural Brain Research*, Vol. 231, no. 1, p. 124-9 (2012). doi:10.1016/j.bbr.2012.03.009. <http://hdl.handle.net/2078.1/111933>

Weber, Mareen ; Edwards, Martin. *Sport concussion knowledge in the UK general public.* In: *Archives of clinical neuropsychology : the official journal of the National Academy of Neuropsychologists*, Vol. 27, no. 3, p. 355-361 (2012). doi:10.1093/arclin/acs029. <http://hdl.handle.net/2078.1/120692>



Hardwick, Robert M ; McAllister, Craig J ; Holmes, Paul S ; Edwards, Martin. *Transcranial magnetic stimulation reveals modulation of corticospinal excitability when observing actions with the intention to imitate*. In: *European Journal of Neuroscience*, Vol. 35, no. 9, p. 1475-80 (2012). doi:10.1111/j.1460-9568.2012.08046.x. <http://hdl.handle.net/2078.1/111929>

2011

Salama, Islam Mohamed ; Turner, Sarah ; Edwards, Martin. *Automatic priming of grip force following action observation..* In: *The Quarterly Journal of Experimental Psychology*, Vol. 64, no. 5, p. 833-838 (2011). doi:10.1080/17470218.2011.572172. <http://hdl.handle.net/2078.1/109425>

Hardwick, Robert M. ; Edwards, Martin. *Observed reach trajectory influences executed reach kinematics in prehension*. In: *Quarterly journal of experimental psychology (2006)*, Vol. 64, no. 6, p. 1082-93 (2011). doi:10.1080/17470218.2010.538068. <http://hdl.handle.net/2078.1/109426>

Williams, Sarah E. ; Cumming, Jennifer ; Edwards, Martin. *The functional equivalence between movement imagery, observation, and execution influences imagery ability*. In: *Research Quarterly for Exercise and Sport*, Vol. 82, no. 3, p. 555-564 (2011). doi:10.1080/02701367.2011.10599788. <http://hdl.handle.net/2078.1/109427>

Routen, A.C. ; Edwards, Martin ; Upton, D. ; Peters, D.M.. *The impact of school-day variation in weight and height on National Child Measurement Programme body mass index-determined weight category in Year 6 children..* In: *Child: care, health and development*, Vol. 37, no. 3, p. 360-7 (2011). doi:10.1111/j.1365-2214.2010.01204.x. <http://hdl.handle.net/2078.1/109424>

2010

Ramsey, Richard ; Cumming, Jennifer ; Edwards, Martin ; Williams, Sarah ; Brunning, C. *Examining the emotion aspect of PETTLEP-based imagery with penalty taking in soccer*. In: *Journal of Sport Behavior*, Vol. 33, no. 3, p. 295-314 (2010). <http://hdl.handle.net/2078.1/109541>

Ramsey, Richard ; Cumming, Jennifer ; Eastough, Daniel ; Edwards, Martin. *Incongruent imagery interferes with action initiation*. In: *Brain and Cognition*, Vol. 74, no. 3, p. 249-254 (2010). doi:10.1016/j.bandc.2010.08.005. <http://hdl.handle.net/2078.1/109423>

Weber, Mareen ; Edwards, Martin. *The effect of brain injury terminology on university athletes' expected outcome from injury, familiarity and actual symptom report*. In: *Brain Injury*, Vol. 24, no. 11, p. 1364-71 (2010). doi:10.3109/02699052.2010.507110. <http://hdl.handle.net/2078.1/109422>