

ELIZABETH A. WALSHE

Annenberg Public Policy Center
University of Pennsylvania
202 S. 36th Street,
Philadelphia,
PA 19104

Email: elizabeth.a.walsh@gmail.com

Phone: (215) 578-7020

EMPLOYMENT

Martin Fishbein Postdoctoral Fellow 2017-Present
Annenberg Public Policy Center, University of Pennsylvania

PROFESSIONAL EDUCATION

Structured Research PhD in Cognitive Neuroscience 2011-2016
Maynooth University, Ireland
Supervised by Dr. Richard A.P. Roche & Dr. Seán Commins
PhD Dissertation: *Falling Head Over Heels: Investigating the higher-level cognitive processes and electrophysiology underlying gait and fall-risk in older adults and stroke survivors.*

Professional Certificate in Teaching and Learning in Higher Education 2013
Maynooth University, Ireland

BA in Psychology 2008-2011
Maynooth University, Ireland
Degree Dissertation: *Is Immediate-Early Gene Expression Associated with Spatial Learning Functionally Lateralised in the Rat Hippocampus?*

CONTINUED PROFESSIONAL DEVELOPMENT AND ADVANCED SKILLS

Clinical Research and Good Clinical Practice (GCP) Certificate 2015
Training by Molecular Medicine Ireland, Dublin 2
(6 CPD credits accredited by the Nursing & Midwifery Board of Ireland)

Diagnostic Imaging CPD Course: Stroke Management Study Day 2014
UCD School of Medicine and Medical Science, and the NeuroSKILL Project
(4.5 CPD credits accredited by the Royal College of Surgeons in Ireland, and endorsed by the Irish Institute of Radiography and Radiation Therapy).

Level 2 Two-day Neuroimaging Workshop 2013

“NeuroSKILL: Neuroimaging in Dementia Workshop 2013”
NeuroSKILL Project at Bangor University, Wales.

Level 1 Study Day of “Neuroimaging Clinical and Research Applications with a Focus on Dementia and Alzheimer’s Disease” 2013

UCD School of Medicine and Medical Science, and the NeuroSKILL Project
(5 CME credits approved by the Faculty of Radiologists and endorsed by the Irish Institute of Radiography & Radiotherapy)

CPD Short Course: Applications of EEG and MRI in Brain Disorders 2013

TCIN, Trinity College Dublin Institute of Neuroscience
(6 CPD credits accredited by the Royal College of Physicians of Ireland and the Psychological Society of Ireland).

FUNDING ACHIEVEMENTS & ACADEMIC AWARDS

Awarded Public Outreach and Contribution to the Scientific Field Prize (€1000, Department of Psychology, Maynooth University) 2015

Lundbeck Ireland Bursary Competition Finalist 2015
(Final round of 5 contestants competing for €20,000)

Awarded Neuroscience Ireland Travel Bursary (€300) 2014

Winner of the 3MT©2013 Three Minute Thesis Competition 2013
– Student Research Showcase (Maynooth University)

Awarded Irish Research Council Government of Ireland Postgraduate Scholarship: Value of €66,000 (over 3 years). 2011

OTHER RESEARCH EXPERIENCE

Research Assistant on 2 European Dementia Research Projects July-Oct 2015
Dublin City University, Ireland: Under PI Dr. Kate Irving

- *In-Mindd (INnovative, Midlife INtervention for Dementia Deterrence)*
- *Actifcare (ACcess to Timely Formal Care).*

This role included quantitative and qualitative data collection, input and analysis, and conducting national policy literature reviews.

Research Assistant Supervisor (with Dr. Richard Roche) June-Sep 2015
Maynooth University
Julia Januszewski and Chloe Beatty

Supervising and training in EEG data collection and analysis, and neuropsychological task administration in control and clinical samples.

Assisting Undergraduate Thesis Supervisor (with Dr. Commins & Dr. Roche) 2013-2014
Maynooth University

Alice Donnelly, Shaun Carter, and Caoimhe Sheridan

Supervising and training in neuropsychological and cognitive data collection and analysis.

Maynooth University

June-July 2012

Research Assistant Supervisor (with Dr. Richard Roche)

Aisling Hagerty

Supervising in kinematic data preparation and analysis.

PUBLICATIONS

Journal Papers

Walshe, E. A., Patterson, M. R., Commins, S. and Roche, R. A. P (2015). Dual-task and Electrophysiological Markers of Executive Cognitive Processing in Older Adult Gait and Fall-Risk. *Front. Hum. Neurosci.* 9:200. doi: 10.3389/fnhum.2015.00200

Conference Publications

Walshe E. A., Commins S, Patterson M and Roche RA (2014). Falling Head Over Heels: Investigating the higher-cognitive and electrophysiological processes underlying gait and falls. *Front. Neurosci. Conference Abstract: Neuroscience Ireland Young Neuroscientists Symposium 2014* . doi: 10.3389/conf.fnins.2014.87.00008

Walshe, E., Hagerty, A., Roche, R. A. P. & Commins, S. (2012). The role of executive functioning in spatial navigation: Effects of visuo-spatial, motor and vestibular dual-tasks on gait parameters. *FENS Forum Abstr. 2012, 2189, Volume 6, p158.3.*

Walshe, E. (2011). Is Spatial Memory Lateralised in the Rat Hippocampus? An Immediate-Early Gene Analyses. Presented at The 33rd annual Congress for Psychology Students in Ireland, Cork, Ireland. *The Irish Psychologist, 37, (6) Supplement.*

PRESENTATIONS

Walshe, E. A., Commins, S., Patterson, M. and Roche, R. A. (2014). *Falling Head Over Heels: Investigating the higher-cognitive and electrophysiological processes underlying gait and falls.* Front. Neurosci. Conference Abstract: Neuroscience Ireland Young Neuroscientists Symposium 2014 . doi: 10.3389/conf.fnins.2014.87.00008 (Sep 2014). [Oral]

Walshe, E., Commins, S. & Roche, R. A. P. (2014). *Falling Head Over Heels: Assessing the cognitive and electrophysiological processes underlying gait and falls*. ISPGR World Congress, Vancouver, Canada (July, 2014). [Poster]

Walshe, E., Commins, S. & Roche, R. A. P. (2013). *Falling Head Over Heels: Testing cognitive function to predict and prevent falls*. 3MT©2013 Three Minute Thesis Research Showcase. Maynooth University, Ireland (December, 2013). [Oral]

Walshe, E., Commins, S. & Roche, R. A. P. (2013). *Falling: Head Over Heels. Testing Mental Function to Predict and Prevent Falls*. The Irish Research Council Symposium. Dublin, Ireland (September, 2013). [Poster]

Walshe, E., Roche, R. A. P. & Commins, S. (2013). *Falling: Head Over Heels. The cognitive and electrophysiological correlates of walking gait and fall-risk*. The 8th Neuroscience Ireland Conference. Cork, Ireland (September, 2013). [Oral & poster]

Walshe, E., Commins, S. & Roche, R. A. P. (2013). *Investigating the cognitive and electrophysiological correlates of gait in young and older adults*. The 2nd Joint World Congress of the International Society for Posture and Gait Research, and Gait & Mental Function. Akita, Japan (June, 2013). [Poster]

Walshe, E., Commins, S. & Roche, R. A. P. (2012). *Investigating an executive functioning model of walking gait in humans, using a dual-task paradigm*. The 7th Neuroscience Ireland Conference. Dublin, Ireland (September, 2012). [Poster]

Walshe, E., Hagerty, A., Roche, R. A. P. & Commins, S. (2012). *The role of executive functioning in spatial navigation: Effects of Visuo-spatial, motor and vestibular dual-tasks on gait parameters*. FENS Forum. Barcelona, Spain (July, 2012). [Poster]

Walshe, E. (2011). *Is Spatial Memory Lateralised in the Rat Hippocampus? An Immediate-Early Gene Analyses*. The 33rd annual Congress for Psychology Students in Ireland, Cork, Ireland (April, 2011). [Oral]

INVITED TALKS

Adelaide & Meath Hospital William Stokes Stroke Unit 2014
Multidisciplinary Meeting/Journal Club.
Investigating the Cognitive and Electrophysiological Processes Underpinning Walking Gait and Fall-Risk Post-Stroke.

The King's Hospital Dublin 2013
Career Day Event

Introduction to Psychology.

Maynooth University 2012
Presentation Skills Workshop for Undergraduates
How to Present Your Research (Well).

Adelaide & Meath Hospital William Stokes Stroke Unit 2011
Multidisciplinary Meeting/Journal Club.
Cognitive Processing and Gait in Older Adults and Stroke Patients.

TEACHING EXPERIENCE

Dublin Business School (DBS) 2015-2017
Part-Time Lecturer:
BA Hons Business With Psychology: *Introduction to Psychology*
BA Hons Business With Psychology: *Social Psychology*
BA Psychology: *Qualitative & Quantitative Analysis*
BA Psychology: *Data Analysis & Computing*

Dublin Institute of Technology (DIT) 2016
Part-Time Lecturer, School of Biological Sciences,
BSc Human Dietetics & Nutrition/Public Health Nursing: *Behavioural Change*

Dublin City University (DCU) 2015- 2016
Part-Time Lecturer, School of Nursing,
BSc Psychology (2nd year): *Personality Psychology*

Dublin City University (DCU) 2014- 2015
Part-Time Lecturer, School of Nursing
Psychology/Nursing/Sports science (1st year): *Introduction to Psychology.*

Maynooth University, Ireland 2013-2016
Tutor/Demonstrator, BA Psychology 1st and 2nd Year
2nd Year Tutor Coordinator (2015-2016).

The King's Hospital Summer 2013
Summer School Programme: *Psychology Series*

SCIENCE ENGAGEMENT/COMMUNICATION, PUBLIC OUTREACH AND ADVOCACY

Student representative for the Strategic Planning Committee of the 2014-Present

board of ISPGR (International Society for Posture and Gait Research)	
Student representative for the Communications Committee and Twitter representative for the board of ISPGR (International Society for Posture and Gait Research) @ispgr	2014-Present
Editorial Board Member for peer review of: <i>Journal of Quantitative Psychological Research - JQPR</i> (ISSN 2009-454X)	2012- Present
Student representative for the postgraduate student body Department of Psychology, Maynooth University. (Seat at staff meetings, student-staff communication)	2014-2015
Twitter science communication lab representative @maynoothneuro	2012- 2015
Co-founder and lead author of science blog (neuroscience, neuropsychology, cognitive and behavioural neuroscience): <i>Maynoothneurolab.wordpress.com</i>	2012-2014
Supported neuroscience advocacy in Ireland at the launch of the Irish Brain Council, Convention Centre Dublin, Ireland.	May 2013
European Month of the Brain school outreach, public talk and event organisation/ facilitation, Maynooth University.	May 2013
Science Week Public Event steward, Maynooth University	2012
The 6 th Neuroscience Ireland Conference, steward Maynooth University	2011