CV

Personal information

Name: Turki Saeed Sabrah Abualait
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College of Applied Medical Sciences
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Education

Doctor of Philosophy, Cognitive Neuroscience Graduated July 2012
Thesis Title: Investigating Basal Ganglia Function Using Ultra-High Field MRI
Supervisors: Prof. Stephen R. Jackson; Dr. Susan Francis.
University of Nottingham
Nottingham, United Kingdom

Master in Science (MSc), Physical Neurorehabilitation Graduated Aug 2007
School of Health and Rehabilitation Sciences
University of Pittsburgh
Pittsburgh, PA
U.S.A.

Bachelor's Degree of Rehabilitation Science Graduated June 2002
College of Applied Medical Sciences
Rehabilitation Science Department
King Saud University
Riyadh, Saudi Arabia

Employment

University of Nottingham, United Kingdom Jun 2012 - Jun 2013
Research Fellow at the Sir Peter Mansfield Magnetic Resonance Centre (SPMMRC) Duties: designing and running brain imaging experiments and getting involved in several projects involving multiple brain imaging techniques such as group BOLD fMRI data analysis, Arterial Spin Labelling (ASL), and resting-state fMRI data to investigate the cortical thickness in Alzheimer's disease.

King Fahad National Guard Hospital, Riyadh, Saudi Arabia Aug 2002- Nov 2004
Clinical specialist in Rehabilitation Department.
Duties: Providing clinical work that includes patient diagnosis, treatment and follow up in Physical Rehabilitation department, contributing as a member of clinical and scientific committees.

Work experience with patients with neurological conditions and movement disorders such as stroke, traumatic brain injury (TBI), spinal cord injury (SCI), Parkinson disease (PD), multiple sclerosis (MS) and Tourette's syndrome (TS).

One year of internship hand-on training in the following hospitals

Riyadh Medical Center	Aug 2001- Jan 2002
King Fahed National Guard Hospital	Feb 2002 -Aug 2002

Conferences/ abstract

2014 Advances in Neuroscience toward Neurorecovery.
Evening lecture series, College of Applied Medical Sciences, University of Dammam.

2014 Cortico-subcortical Neural Correlates of Motor Response Inhibition: An fMRI Study at 7Tesla. Organization for Human Brain Mapping, Hamburg, Germany [Poster presentation].

2013 The neural correlates of negative and positive reward prediction errors: An fMRI study at 7Tesla. Organization for Human Brain Mapping, Seattle, USA [Poster presentation].

2012 An fMRI Investigation of the Role of the Basal Ganglia in Cognitive Function. Saudi Scientific International Conference, Brunel University, London, UK [Presentation]

2010 The role of the subcortical structures in cognitive function using 7 Tesla
Internal seminar series, School of Psychology, University of Nottingham.

2010 The role of the basal ganglia in motor learning using 7 Tesla.
Postgraduate Conference, School of Psychology, University of Nottingham.

2009 Multi-echo method acquisition in ultra-high magnetic field.
Journal club series, School of Psychology, University of Nottingham.

2008 An introduction to TMS.
Journal club series, School of Psychology, University of Nottingham.

2007 Neuroplasticity of Stroke: Changing Minds and Changing Function (ASNR).
Cincinnati, OH, USA [Poster presentation].

2007 Conceptual transition in Neurorehabilitation Techniques, 2nd Gulf Physical Therapy Colloquium. Dammam, Saudi Arabia.

Grants/Awards

2008 European Research Network Investigating Human Sensorimotor Function in Health and Disease (ERNI-HSF)- workshop on lesion reconstruction analyses, Budapest, Hungaria

2008 TMS course, UCL, London

2009 International postgraduate award, University of Nottingham

2009 The British Neuropsychological Society (BNS), UCL, London

2010 The insular cortex anatomy conference, Granada, Spain

2011 International postgraduate award, University of Nottingham

2011 The UK Sensorimotor control meeting, London

2012 The best presentation in Saudi Scientific International Conference, Brunel University, London, UK.

2014--2016. University of Dammam, DSR182
Principal Investigator
Direct costs: $53,333
The effectiveness of virtual reality (VR) in benign paroxysmal positional vertigo (bppv)

2014--2016. University of Dammam, DSR202
Co-Principal Investigator
Direct costs: $53,333
Effects of low frequency magnetic field therapy on patients with carpal tunnel syndrome

Professional society membership

- International Neuropsychological Society
- British Neuroscience Association
- British Neuropsychological Society
- Organization for Human Brain Mapping
- American Society for Neurorehabilitation

Courses taught

- Psychosocial course, MSc level
- Selected Topics for Physical Therapy, BSc level
- Normal Development, BSc level