Murdoch University

School of Psychology and Exercise Science Research Seminars
(SPESReSs)

Speaker: Professor Paul Fitzgerald (Monash Alfred Psychiatry Research Centre)
Title: Advancing TMS therapy for depression
Where: Hill Lecture Theatre (450.2.035)
When: 12:30–13:30, Tuesday 27 June 2017 (note unusual day)
Host: Dr Hak Fujiyama (H.Fujiyama@murdoch.edu.au)

SPESReSs Coordinator: Dr Robert O'Shea (r.oshea@murdoch.edu.au)

Abstract:
Transcranial magnetic stimulation (TMS) is now a widely accepted and available treatment for depression. There are a number of effective means of applying TMS stimulation and a variety of established and emerging technological advances that have changed, or will change, the methods of future treatment delivery. In this seminar, I will review a series of studies that have helped to confirm the effectiveness of TMS, expanded and improved methods of treatment application and which are now aimed at improving treatment efficacy and efficiency. This will include methods for neuronavigational treatment targeting, the application of new theta burst stimulation approaches and other forms of accelerated treatment delivery.

Biography:
Professor Paul Fitzgerald is Professor of Psychiatry, Deputy Director, and Consultant Psychiatrist at the Monash Alfred Psychiatry Research Centre, a joint research centre of Monash University and the Alfred Hospital in Melbourne. He completed his medical degree at Monash University (1991) and subsequently a Masters of Psychological Medicine (1998). He then undertook a Clinical and Research Fellowship at the University of Toronto and The Clarke Institute of Psychiatry, Toronto, Ontario, Canada. On returning to Melbourne, he worked as a psychiatrist and completed a PhD in transcranial magnetic stimulation in schizophrenia (completed 2003). Since completing this Ph.D., he has researched brain function and dysfunction using electroencephalographic, spectroscopic (near infrared), and brain stimulation techniques. Prof Fitzgerald has published over 300 papers and the first clinical guide to the use of rTMS treatment in depression. He has received grant funding from the NHMRC, ARC, and a number of US based organisations and is a current NHMRC Practitioner Fellowship holder. Professor Fitzgerald is a Murdoch University Distinguished Visitor.

Meeting the presenter:
To arrange a meeting with the presenter, please contact the host.

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