Natalie J. Forde j.n.forde@umcg.nl
27/01/1987

Education

University Medical Centre Groningen PhD candidate	October 2013 - present
National University of Ireland, Galway MSc. Neuropharmacology	September 2010 - August 2011 1.1 Honours
University College Cork, Ireland BSc. in Chemistry and Forensic Science	September 2005 - May 2009 2.1 Honours
St. Mary's High School Midleton, Co. Cork Leaving certificate 2005	September 2000 - May 2005 7 honours

Work Experience

June 2012 – August 2013 Clinical Neuroimaging Laboratory, NUI Galway, Ireland
Position: Research Assistant
Key responsibilities: Processing and analysis of MRI diffusion data
Tutoring medical students in neuroimaging
Preparing manuscripts for publication

November 2011 – April 2012 Chemistry Department, University College Cork, Ireland
Position: Laboratory Teaching Assistant
Key responsibilities: Preparing laboratory practicals
Assisting and teaching undergraduate students
Examining and grading these students

August 2011 – October 2011 Clinical Neuroimaging Laboratory, NUI Galway, Ireland
Position: Neuroimaging Research Assistant
Key responsibilities: Processing and analysis of MRI diffusion data
Preparing report

Computer Skills

Proficient with Macintosh, Windows and Linux operating systems
Word, Excel, Powerpoint, Photoshop, Chemdraw
SPSS statistical programs, R, STATA
Matlab, ExploreDTI, FSL, SPM, MIPAV, MRICron

Laboratory Skills

HPLC, LC-MS, GC-MS
Behavioural pharmacology, Western blotting
Gross lab (including brain extraction)
Forensic photography and ballistic analysis

Other

Member of organising committee for 2013 Irish Diffusion Imaging Group (IDIG) meeting

Presentations and Publications

Forde, N.J.*, Ronan, L.*, Suckling, J., Scanlon, C., Neary, S., Holleran, L., Leemans, A., Tait, R., Rua, C., Fletcher, P.C., Jeurissen, B., Dodds, C.M., Miller, S.R., Bullmore, E.T., McDonald, C., Nathan, P.J., Cannon, D.M., 2014. Structural neuroimaging correlates of allelic variation of the BDNF val66met polymorphism. Neuroimage 90, 280–289. (*joint first authors).

Emsell, L., Chaddock, C., **Forde, N.**, Van Hecke, W., Barker, G.J., Leemans, A., Sunaert, S., Walshe, M., Bramon, E., Cannon, D., Murray, R., McDonald, C., 2013. White matter microstructural abnormalities in families multiply affected with bipolar I disorder: a diffusion tensor tractography study. Psychol. Med. 1–12.

Ellison-wright, I., Nathan, P.J., Bullmore, E.T., Zaman, R., Dudas, R., Agius, M., Fernandez-Egea, E., Müller, U., Dodds, C.M., **Forde, N.J.**, Scanlon, C., Leemans, A., McDonald, C., Cannon, D.M., 2014. Distribution of tract deficits in schizophrenia. Biomed Cent. Psychiatry. (In press).

Natalie J. Forde. The effect of clozapine on white matter in schizophrenia: A diffusion imaging and tractography study.

- Poster presentation at 28th World CINP Congress (June 2012). Int J Neuropsychoph V15, S1. doi: http://dx.doi.org/10.1017/S1461145712000508.
- Oral presentation at Irish diffusion Imaging Group (IDIG) meeting (Feb 2013).

Natalie J. Forde. White matter tract deficits in schizophrenia. Poster presentation at Neuroscience Ireland (Sept 2012).

In preparation

Natalie J. Forde, Stefani O'Donoghue, Cathy Scanlon, Louise Emsell, Chris Chaddock, Alexander Leemans, Ben Jeurissen, , Gareth J. Barker, Dara M. Cannon, Robin Murray, Colm McDonald. Structural brain network analysis in families multiply affected with bipolar 1 disorder.

Interests and Achievements

Both ice and inline hockey have been a passion of mine for many years. In recent years I have had the privilege of representing Ireland on the Irish Women's Ice Hockey team in the World Championships in Sofia, Bulgaria 2011 and the World Championship Qualifiers in Izmir, Turkey 2012. While in college I held positions as Equipment Manager and Club Captain of the Inline Hockey Club in UCC. I have also helped coach the Cork junior team, the Wolfpack. When time away from research and hockey training permits I also participate in solo pursuits like Muay Thai and middle distance running. Aside from sports I also enjoy photography, travelling and reading.