



## Dr Alan M Gray

Consultant Clinical Psychologist (specialising in neuropsychology)

### Professional Qualification

DClinPsy (Doctorate in Clinical Psychology) – University of Sheffield  
M.A (Hons) Psychology (Upper Class Second) – St Andrew’s University

### Professional Membership

HCPC (Health and Care Professions Council)  
BPS (British Psychology Society)  
Division of Clinical Psychology  
Division of Neuropsychology

### Supporting Statement

Dr Alan Gray is a Consultant Clinical Psychologist specialising in neuropsychological assessment and rehabilitation. He joined Headwise in 2012 after previously working in specialist NHS neuropsychology services at the John Radcliffe Hospital (Oxford) and Royal Hallamshire Hospital (Sheffield). Dr Gray is Clinical Lead at our Oxford office and provides neuropsychology services for patients in surrounding counties.

He has considerable experience of working with both adults and children, offering neuropsychology input for the purposes of differential diagnosis, treatment planning, psychotherapy, brain injury education, cognitive rehabilitation, challenging behaviour interventions, and assessments of capacity, cognition, mental health, and risk. His preferred therapeutic approach is Cognitive Behavioural Therapy (CBT), but he is skilled in a range of therapeutic models.

Dr Gray lectures at the universities of Birmingham and Sheffield, where he provides teaching on neuropsychology, dementia, and neurosurgical approaches to movement disorders. He is employed as an external examiner by Lancaster University. His research interests include Parkinson’s disease, deep brain stimulation, caregiver burden, and performance validity testing. His research has been published in peer-reviewed journals and he has been invited to various international conferences to discuss his work.

## Employment

### **Clinical Psychologist in Neuropsychology** *December 2012 – Present*

Headwise Ltd, Innovation Centre, Longbridge Technology Park, Birmingham, B31 2TS

- Development and provision of neuropsychological services to a national provider of inpatient neurorehabilitation (Voyage Care).
- Community-based psychotherapeutic interventions for patients with neurological impairment and their families.
- Assessments of mental capacity for the Court of Protection
- Outpatient diagnostic neuropsychological assessment.
- Management of outpatient diagnostic clinic for neuropsychiatry referrals.

### **Clinical Psychologist in Neuropsychology** *February 2015 – Present*

Department of Neuropsychology, Berkshire Healthcare NHS Foundation Trust, RG1 5LR

- Outpatient diagnostic neuropsychological assessment
- Brief psychological interventions to patients with neurological disorders
- Supervision of research projects

### Contact Details

#### Oxford Office:

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#### Birmingham Office (HQ)

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### **Clinical Psychologist in Neuropsychology**    *March 2011 – December 2012*

Clinical Neuropsychology Services, Royal Hallamshire Hospital, Sheffield, S10 2JF

- Neuropsychology input onto an acute neurology / neurosurgery ward.
- Neuropsychological assessment of outpatients for the purposes of differential diagnosis, treatment planning, and helping patients develop a greater understanding of their condition.
- Psychotherapeutic interventions for patients with neurological impairment.
- Provision of neuropsychology input onto a post-acute neurorehabilitation ward.
- Pre- and post-surgical neuropsychology examinations.
- Provision of neuropsychology teaching on the regional DClInPsy training course.

### **Trainee Clinical Psychologist**    *October 2007 – October 2010*

University of Sheffield / Sheffield Health and Social Care NHS Foundation Trust, S10 2TN

- Completion of academic course requirements including a doctoral thesis, service evaluation, and case studies.
- Provision of evidence-based therapy approaches to support people with a range of psychological, neurological, behavioural and social problems within a range of settings.
- Provision of training and consultation to other professionals and agencies.
- Final year placement based at a specialist neuropsychology service based at the John Radcliffe Hospital (Oxford) involving both adult and paediatric neuropsychology input.

### **Assistant Psychologist**    *June 2005 – July 2006*

Russell Cairns Unit, Radcliffe Infirmary, Oxford, OX2 6HE

- Coordinating the collection and analysis of neuropsychology data on a large multicentre trial examining the effectiveness of neurosurgical interventions for Parkinson's disease.
- Conducting comprehensive neuropsychological assessments with adults and children presenting with neurological impairment.

## **Research & Publications**

### ***Recent publications:***

- Gray AM, Eccles FJR, Kalu U-G, Scott RB. Executive cognitive deficits in primary dystonia. *J Neurol Neurosurg Psychiatry* (submitted)
- Gray AM, Pounds-Cornish E, Eccles FJR, Aziz TZ, Green AL, Scott RB. Deep brain stimulation as a treatment for neuropathic pain: a longitudinal study addressing neuropsychological outcomes. *J Pain* 2014; 15(3): 283-292.
- Gray AM, Isaac CL, Scott RB. Understanding expectations of, and satisfaction with, deep brain stimulation of the subthalamic nucleus: patient and carer perspectives in Parkinson's disease. Sheffield: University of Sheffield; 2010
- Singh R, Küçükdevci AA, Grabljevec K, Gray A. The role of interdisciplinary teams in physical and rehabilitation medicine. *J Rehabil Med* 2018; 50: 673-678; 2018.

### ***Conference presentations***

- Gray AM (2016, Nov). Caregiver burden and traumatic brain injury: a review of the literature. Platform presentation at Headwise annual conference, Birmingham, UK
- Gray AM (2015, Nov). *Psychological approaches to intervening with challenging behaviour*. Platform presentation at Headwise annual conference, Birmingham, UK
- Gray AM (2015, Nov). *Emotional disorders after Traumatic Brain Injury (TBI): the search for a new identity*. Platform presentation at Headwise annual conference, Birmingham, UK
- Gray AM (2015, June). *Language processing and the relationship to movement disorders*. Invited speaker for the Birkdale Neurorehabilitation Conference, London, UK
- Gray AM (2015, March). *Deep brain stimulation as a treatment for neuropathic pain: a longitudinal study addressing neuropsychological outcomes*. Invited speaker at the 1<sup>st</sup> International Deep Brain Stimulation Conference, Singapore.
- Gray AM. (2014, November). *Executive cognitive deficits in primary dystonia: a cross sectional study comparing patients' performance to published normative data*. Poster presented at the Division of Neuropsychology annual conference, London, UK.



- Gray AM. (2014, November). *Deep brain stimulation as a treatment for neuropathic pain: a longitudinal study addressing neuropsychological outcomes*. Poster presented at the Division of Neuropsychology annual conference, London, UK
- Gray AM. (2013, July). *The role of motor, psychiatric and cognitive symptoms in predicting caregiver*

**Current research**

- Predictors of Caregiver Burden in Parkinson's disease
- The Impact of Deep Brain Stimulation of the Globus Pallidus interna on Neuropsychological Functioning in Primary Dystonia
- An Examination of Neuropsychological Change following Deep Brain Stimulation of the Subthalamic Nucleus in Parkinson's Disease: results from a large multicentre randomised controlled trial (PD SURG)