



[Stephanie.Forkel@gmx.net](mailto:Stephanie.Forkel@gmx.net)

## Education

### Post Doc

*Clinical Neuroimaging*

### University College London, UK (2013-)

Awareness of illness following ischemic brain damage (Anosognosia with hemiplegia)

### PhD

*Clinical Neuroimaging*

### King's College London, UK (2009/13)

Identification of anatomical predictors of language recovery of stroke-induced aphasia investigated with Diffusion Tensor Imaging (DTI)

### MSc

*Neuroscience*

### King's College London, UK (2008/9)

Anatomy of the fronto-occipital networks

### Undergraduate

*Psychology*

### National University of Ireland (2007/8)

### University of Salzburg, Austria (2005-8)

## Grants

2012	Maudsley Charity (PI: Stephanie Forkel, £10.358)
2011	Hardship fund (£4.000) Chaplaincy Discretionary Fund (£200)
2010	University of London teaching initiative funding (£1.000)
2008	MSc/PhD Bursary from the Guy's and St. Thomas's Charity Trust (£60.000)
2007	Denominated Erasmus student for full academic year (€21.000)

## Honours & Awards

2014	Cortex Certificate of Excellence in Reviewing (non-monetary award) Cover for Journal Brain July 2014 NIH-funded Neuroimaging Summer School at UCLA, USA 64 <sup>th</sup> Lindau Nobel Laureate Meeting Nominee, Germany Rewired - The Brain, Art and Innovation (non-monetary award)
2013	OHBM Trainee Abstract Award (700\$) Guarantors of Brain Travel Grant (£800) King's College London, Graduate School Conference Fund (£450) King's College Mary Clark Travel Award (decision pending)
2012	Guarantors of Brain Travel Grant (£800) King's College London, Graduate School Conference Fund (£400) King's College Sargeaunt Travel Fund (£300) American Academy of Neurology nomination for Neurology Highlights in the field (non-monetary award)
2011	Graduate School Conference Fund (£300)
2010	Erasmus Operational Mobility award (£500) Guarantors of Brain Travel Grant (£500)
2009	Nominated Master thesis of reference (non-monetary award)

## Memberships

Current	<p><b>The British Neuropsychological Society</b></p> <p>The BNS is dedicated to the clinical investigations of patients with neuropsychological impairments and basic cognitive science</p> <p><b>Organisation for Human Brain Mapping</b></p> <p>The Organization for Human Brain Mapping (OHBM) is the primary international organization dedicated to neuroimaging research.</p> <p><b>DAAD UK Network of German Academics</b></p> <p>The German Academic Exchange Service (DAAD) is the German national agency for the support of international academic cooperation.</p> <p><b>Committee International School of Clinical Neuroanatomy</b></p> <p>International multidisciplinary conference on clinical neuroanatomy.</p>
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## Publications: Peer reviewed Articles

**(IF 9.92) Forkel SJ**, Thiebaut de Schotten M, Dell'Acqua F, Kalra L, Murphy D, Williams S & Catani M. Anatomical predictors of aphasia recovery: a tractography study of bilateral perisylvian language networks *Brain* 2014; 137 (7): 2027-2039, 10.1093/brain/awu113.

**(IF 6.16) Forkel SJ**, Catani M, Mahmood S, Morris CM, Mitchell P & Vergani F. Sach's atlas on the white matter of the human occipital cortex (translation). *Cortex* doi:10.1016/j.cortex.2014.03.002.

**(IF 6.16)** Vergani F, Mahmood S, Morris CM, Mitchell P & **Forkel SJ**. Intralobar fibres of the occipital lobe: A post mortem dissection study. *Cortex* 2014; 56:73-84, doi: 10.1016/j.cortex.2012.09.005

**(IF 6.08) Forkel SJ**, Thiebaut de Schotten M, Kawadler JM, Dell'Acqua F, Danek A, Catani M. Anatomy of fronto-occipital connections from early blunt dissections to contemporary neuroimaging. *Cortex* 2014; 56:73-84, doi: 10.1016/j.cortex.2012.09.005

**(IF 6.08)** Catani M, Dell'Acqua F, Bizzi A, **Forkel SJ** et al., Beyond cortical localisation in clinico-anatomical correlation. *Cortex*, 48(10):1262-87. 2012

**(IF 15.531)** Thiebaut de Schotten M, Dell'Acqua F, **Forkel SJ**, et al. A Lateralized Brain Network for Visuo-Spatial Attention. *Nature Neuroscience*, 18;14(10):1245-6. 2011

**(IF 6.619)** Catani M, Craig M, **Forkel SJ**, et al. Altered integrity of perisylvian language pathways in schizophrenia: relationship to auditory hallucinations. *British Journal of Psychiatry* 15;70(12):1143-50. 2011

## Book Chapter

Catani M, **Forkel SJ**, Thiebaut de Schotten M. Asymmetry of white matter pathways in the brain. In *The Two Halves Of The Brain: Information Processing In The Cerebral Hemispheres* (Eds, Hugdahl, K & Davidson, RJ). MIT Press. 2010

**Forkel SJ**. Identification of anatomical predictors of post stroke aphasia recovery with DTI. Doctoral dissertation. King's College London, UK. 2013

**Forkel SJ**. The anatomy of fronto-occipital connections. Master Thesis. King's College London, UK. 2009

## Published Conference Contributions

**Forkel SJ**, Dell'Acqua F, Kalra L, Williams SC, Catani M. Lateralisation of the arcuate fasciculus predicts aphasia recovery at 6 months. *Procedia Social and Behavioral Sciences* 23:164-166. 2011

**Forkel SJ**, Danek A, Catani, M. Are direct connections between occipital and frontal lobes unique to the human brain? *Journal of Neurology* 255 (Suppl.2):140-140. 2008

Sürer F, **Forkel S**, et al. Towers of Hanoi and London on a tablet-PC Correlations with other executive tests. *Aktuelle Neurologie* 34:122. 2007

## Reviewer

Biological Psychiatry, Neuroradiology, Clinical Anatomy, Cortex, Brain Structure and Function, Neuropsychologia and OHBM conference

## Volunteering

### Current **Erasmus co-ordinator for Ludwig-Maximilian-University Munich (2010-14)**

Erasmus allows us to closely work with the MPI Leipzig and the LMU Munich through common workshops and the short-term exchange of academic staff

### **DAAD UK Network of German Academics (since 2012)**

The German Academic Exchange Service (DAAD) is the German national agency for the support of international academic cooperation

### **NIHR Health Technology Assessment programme (since 2011)**

HTA programme is part of the National Institute for Health Research. It produces independent research information about the effectiveness, costs and broader impact of healthcare treatments and tests for those who plan, provide or receive care in the NHS

### **Committee International School of Clinical Neuroanatomy (since 2011)**

ISOCN offers a unique opportunity for neurologists, neuroradiologists, psychologists, neurosurgeons and psychiatrists to share their knowledge and integrate complementary approaches to clinical neuroanatomy ([www.isocn.eu](http://www.isocn.eu))

### **Chair Clinical Neuroanatomy Seminars (since 2010)**

Monthly lecture series highlighting and integrating current topics relevant to clinical neuroanatomy ([www.clinicalneuroanatomyseminars.com](http://www.clinicalneuroanatomyseminars.com))

## Teaching

### Current **Associate Fellow of the Higher Education Academy (GCAP)**

Graduate Certificate in Academic Practice is the first qualification in academic practice. The programme is mapped against the anticipated UK Professional Standards Framework Standard Descriptor 2 (Fellowship) and is comprised of Enhancing Academic Practice.

### **Module co-ordinator MSc Neuroscience**

The MSc has a specialised module on Neuroimaging and tractography. My responsibilities for this module include: timetabling, lecturing, and student support (2009-13).

### **SSC Psychiatry Research & Intercalated BSc Cognitive Neuropsychology**

SSC Psychiatry Research aims to introduce medical students to the excitement and challenges of academic research psychiatry (2012).

The aim of the iBSc is to provide medical and dental students with an in-depth, critical understanding of research, theory and empirical findings in core areas of psychology (2010-12).

### **Diffusion Tensor Imaging (DTI) Workshop**

The Natbrainlab is hosting regular practical workshops where delegates learn methodological and practical aspects about diffusion tensor tractography.

## Skills & Competencies

Core Skills	Highly structured and organised working style Solid Data Management background Solid Data pre-processing, processing and analysing background Teaching experience in Higher Education and Adult Education
Soft skills	Target oriented team player Excellent interaction skills with internal & external collaborators Open-minded and friendly personality Highly committed, reliable employee Pro-active approach to problem solving
Clinical training	Safeguarding adults level 2, King's College Hospital Safeguarding children level 2, King's College Hospital Manual Handling, King's College Hospital Equality & Diversity Act 2010 training, University College London Fire training, King's College Hospital Good Clinical Practice, Guy's Campus Hospital MRI Safety Training, Centre for Neuroimaging Sciences NIH Stroke Scale – Certification (A+B) Thrombolysis Training, St. George's Hospital EEG Attentional Blink and Posner Paradigms Memory Clinic, LMU Munich Klinikum Grosshadern NHS & SLAM Mental Capacity & DoLS Awareness Training
Imaging software	FSL (Course: 2014), SPM (Course: 2014), Matlab (Course: 2007), Diffusion software packages (Course: 2008), Mricron, Superlab

## References

### Academic Supervisor

#### **Prof. Steve Williams**

Head of Dept. for Neuroimaging Sciences, PO89  
Institute of Psychiatry, King's College London  
SE5 8AF London, UK  
[Steve.Williams@kcl.ac.uk](mailto:Steve.Williams@kcl.ac.uk)

### Academic Co-Supervisor

#### **Dr. med. Dr. phil. Marco Catani**

Senior Lecturer & Hon Consultant Psychiatrist  
Institute of Psychiatry, King's College London, PO50  
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