

AIMEE LOUISE HAYTER

Curriculum Vitae

Department of Psychology
Royal Holloway, University of London
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EDUCATION

- 2005-Present **PhD Cognitive Neuroscience**
Thesis: 'Compensatory Cortical Activation and Cognitive Functioning in Patients with Multiple Sclerosis'.
Supervisors: Dr Dawn Langdon and Dr Narender Ramnani.
Institution: Royal Holloway, University of London
- 2002-2005 **BSc (Hons) Psychology**
Grade: First Class Honors
Institution: Royal Holloway, University of London

RESEARCH EXPERIENCE

- 2005-Present **Graduate Student**
Advisors: Dr Dawn Langdon and Dr Narender Ramnani.
Department of Psychology, Royal Holloway, University of London
- 2005 **Research Assistant**
Advisor: Professor Andy Smith.
Department of Psychology, Royal Holloway, University of London
- 2005 **Dissertation – BSc Psychology**
'Rehabilitation of Unilateral Neglect: False or future promise of cognitive neuroscience'
Advisor: Professor Robin Walker
Department of Psychology, Royal Holloway, University of London
- 2004-2005 **Third Year Project – BSc Psychology**
'Exogenous Attention Activates the Visual Cortex as Revealed Through Event-Related fMRI'
Advisor: Professor Andy Smith
Department of Psychology, Royal Holloway, University of London
- 2004 **Summer Research Assistant**
Advisors: Professor Andy Smith.
Department of Psychology, Royal Holloway, University of London

TEACHING EXPERIENCE

- Project supervision – Applied Computing and fMRI tutorials (2006)

TRAINING AWARDS & HONORS

- Schering Pharmaceuticals bursary for postgraduate research (2005)
- Undergraduate Research Bursary in Science, Wellcome Foundation (2004)
- Beatrice Edgell Prize for outstanding work in the first year of undergraduate degree (2002-2003)
- Vera Doniach Prize for outstanding work in second year of undergraduate degree (2003-2004)

LABORATORY & COMPUTER SKILLS

- Siemens 3T Trio systems console operations
- Comfortable with Windows, Mac, Linux Operating systems
- Programming experience using MATLAB,
- fMRI data acquisition (Siemens 3T system console operation)
- fMRI data analysis (SPM, FSL, MRI3DX)
- Experimental design using Presentation

PUBLICATIONS

- Hayter, A.L., Langdon, D.W. & Ramnani, N. (In Press). Manipulation of Information in Working Memory: Cerebellar Contributions. *NeuroImage*

WORKSHOPS ATTENDED

- Mathematics of Brain Imaging, FIL, UCL (2006)
- Autumn School in Cognitive Neuroscience, University of Oxford (2005)

PRESENTATIONS

Hayter, A.L. (2007). Cerebellar Contributions to Working Memory: An Application of Sparse Sampling within fMRI. *CUBIC Imaging Group Away Day, Royal Holloway University of London.*

Hayter, A.L. (2006). Compensatory Cortical Activation and Cognitive Functioning: Evidence presented through fMRI. *Postgraduate Convention, Department of Psychology, Royal Holloway University of London.*