

Steven Paul Errington | Curriculum Vitae

Department of Psychology, Vanderbilt University, PMB 407817, 2301 Vanderbilt Place, Nashville, TN 37240-7817
Phone: +1 (702) 931 0843 | Email: steven.p.errington@vanderbilt.edu

Education

PhD Psychological Sciences — Vanderbilt University, Nashville. Aug 2017 - Present

Program: Cognition and Cognitive Neuroscience

Area: *Neural mechanisms of performance monitoring in the primate medial frontal cortex.*

MRes Neuroscience — Newcastle University, Newcastle-upon-Tyne. Jul 2013 to Dec 2014

Grade: Pass w/Merit

Thesis title: *Understanding the relationship between visual hallucinations, visuo-perceptual function and attention: a Masters in Research student pilot study*

BSc (Hons) Psychology — Northumbria University, Newcastle-upon-Tyne. Sept 2010 to Jul 2013

Grade: First-Class Honours

Thesis title: *Hemispherical differences in emotional processing in healthy adults: a personality-controlled, tDCS study.*

Research Experience

Research Assistant — Institute of Neuroscience, Newcastle University, Newcastle-upon-Tyne. Jun 2016 to present

Project: *Sensitivity of people with Parkinson's Disease to different intensities of Emotions (SPIEs).*

Skills developed: competency in psychophysical methods and analysis, MATLAB programming, testing in clinical populations (Parkinson's disease), & using affective facial processing tasks.

Research Intern — Institute of Neuroscience, Newcastle University, Newcastle-upon-Tyne. Dec 2010 to Apr 2016

Projects: (a) *Modelling vision in the praying Mantis (Sphodromantis lineola);* (b) *investigating intraocular latency in humans.*

Skills developed: competency in psychophysical methods (staircasing & method of constant stimuli), behaviour modelling, & using MATLAB software.

Research Intern — Institute for Ageing & Vitality, Newcastle University, Newcastle-upon-Tyne. Sept 2014 to Jan 2015

Projects: *Understanding the relationship between visual hallucinations, visuo-perceptual function and attention.*

Skills developed: testing clinical populations (Dementia), developing and using a computerised task battery & preparing and maintaining documentation for setting up and running a clinical research study.

Research Intern — Institute of Health & Society, Newcastle University, Newcastle-upon-Tyne. Sept 2012 to Feb 2014

Projects: *Socio-economic factors in the epidemiology of (a) testicular cancer and (b) melanoma in children & young people.*

Skills developed: Competency in the use of advanced statistical analysis, statistical modelling, epidemiology, python language & STATA statistical software.

Research Intern — Department of Psychiatry, University of Oxford, Oxford. Jun 2012 to Aug 2012

Project: *The role of prebiotics in emotional processing in healthy adults.*

Skills developed: Competency in research design, recruitment, psychopharmacological methods, & in utilising and analysing affective cognitive tasks.

Teaching Experience

Graduate Demonstrator — Newcastle University, Newcastle-upon-Tyne. Oct 2014 to present
Course: BSc Psychology (Modules: PSY1010, PSY1011, PSY2009)
I assist students in their first & second year undergraduate lab-classes. In these classes, I provided expertise and advise to students on study design and statistical analysis across a range of research areas. I am also responsible for the grading of assignments and providing constructive feedback to students.

Awards, Funding & Grants

Travel Grant, £2000, Biomedical Research Unit, Newcastle University & Alzheimer's Research UK. Nov 2015
Vacation Scholarship Award, £1920, Newcastle University. Jul 2015
NIHR Biomedical Research Unit MRes Studentship, £5500, Newcastle University. Aug 2013
Biomedical Vacation Scholarship, £1440, Wellcome Trust. Jun 2012

Courses

Responsible Conduct of Research (RCR) , Vanderbilt University Aug 2017
Introduction to the ACCRE Cluster, Vanderbilt University Aug 2017
Introduction to UNIX, Vanderbilt University Aug 2017
Herpes B Virus Training, Vanderbilt University July 2017
Working with the IACUC, Vanderbilt University July 2017
Introduction to Working with Non-Human Primates, Vanderbilt University Jul 2017
Introduction to Learning & Teaching in Higher Education, Newcastle University Nov 2014
Adults Lacking Capacity, NHS Health Research Authority Apr 2014
Good Clinical Practice, NHS Health Research Authority Dec 2013
Biological Safety, Newcastle University Oct 2013

Publications

Tarawneh, G., Nityananda, V., Rosner, R., **Errington, S.**, Herbert, W., Arranz-Paraíso, S., Busby, N., Tampin, J., Read, J. C. A., & Serrano-Pedraza, I. (2017). How Insects Combine Information across Spatial Scales. *Biology Open*. *

Tarawneh, G., Nityananda, V., Rosner, R., **Errington, S.**, Herbert, W., Cumming, B., Read, J. C. A. & Serrano-Pedraza, I. (2017). When invisible noise obscures the signal: the consequences of nonlinearity in motion detection. *Scientific Reports*.

Nityananda, V., Tarawneh, G., **Errington, S.**, Serrano-Pedraza, I., & Read, J. C. A. (2016). The optomotor response of the praying mantis is driven predominantly by the central visual field. *Journal of Comparative Physiology A*.

McNally, R. J., Basta, N. O., **Errington, S.**, James, P. W., Norman, P. D., Hale, J. P., & Pearce, M. S. (2015). Socioeconomic patterning in the incidence and survival of teenage and young adult men aged between 15 and 24 years diagnosed with non-seminoma testicular cancer in northern England. *Urologic Oncology: Seminars and Original Investigations*, 33 (12), 506-509.

Schmidt, K. J., Cowen, P., Harmer, C.J., Tzortzis, G., **Errington, S. P.**, & Burnet, P. W. J. (2015). Probiotic intake reduces the waking cortisol response and alters emotional bias in healthy volunteers. *Psychopharmacology*, 1(19).

McNally, R. J., Basta, N. O., **Errington, S.**, James, P. W., Norman, P. D., & Craft, A. W. (2014). Socioeconomic Patterning in the Incidence and Survival of Children and Young People Diagnosed with Malignant Melanoma in Northern England. *Journal of Investigative Dermatology*, 134(11), 2703-2708. * article currently under review

Conference Presentations

Errington, S. P., Elder, G., Collerton, D., Firbank, M.J., & Taylor, J.P. (2015, December). *Visual hallucinations, attention and visuo-perceptual function in Lewy body dementia*. Poster presented at the International Dementia with Lewy Body Conference, Fort Lauderdale, FL.