

My general area of interest is the interaction between brain activity, behaviour and cognition. This has so far encompassed a wide field of research, ranging from ingestive behaviours to the EEG correlates of cortical excitability. I am currently involved in a large scale study on the efficacy of mental resilience training on a cohort of US soldiers.

EDUCATION

- Ph.D.** **Experimental Psychology**, University of Bristol, England, 2009.
- Thesis entitled *The EEG alpha cycle as a cortical excitability rhythm.*
- BSc.** **Experimental Psychology**, University of Sussex, England, 1999.
-

EMPLOYMENT

- Feb 2010 – present** **Postdoctoral researcher, University of Pennsylvania, Philadelphia, US.**
- Conducting a behavioural and ERP based study involving 240 US soldiers on the efficacy of mental resilience training in military contexts.
- Nov 2009 – Feb 2010** **Lecturer (part-time), University of Bath Spa, England.**
- Sep 2004 – Sep 2005** **Research Assistant, University of Leeds, England.**
- Worked on a Unilever funded project entitled “The effects of Vitamin C/E/Fish-oil dietary supplementation on blood pressure and cortisol responses to chronic and acute psychosocial stress.”
 - Measures taken include psychometric questionnaires, structured interviews, blood samples, skin replicas, clinical photography, saliva samples.
- Oct 2002 – Sep 2003** **Research Assistant, University of Sussex, England.**
- Worked on various studies under a BBSRC grant entitled “Motivational state and acquired liking for novel flavours: implications for understanding everyday food and drink choice.”
-

PUBLICATIONS:

Elliman TD, Pleydell-Pearce K, Leonards U. Cortical excitability varies with phase of the alpha cycle. In Preparation.

O'Connor DB, Hendrickx H, Dadd T, Talbot D, Mayes A, Elliman TD, Willis TA, Thethi, K, Powell, J, & Dye, L. (2009) Cortisol Awakening Rise in Middle-aged Women in Relation to Psychological Stress. *Psychoneuroendocrinology*.

Elliman T, Leonards U and Pleydell-Pearce C (2008). The EEG alpha cycle as a modulator of visual reaction time. *Frontiers in Human Neuroscience. Conference Abstract: 10th International Conference on Cognitive Neuroscience*.

Yeomans MR, Mobini S, Elliman TD, Walker HC and Stevenson RJ. (2006) Hedonic and sensory characteristics of odors conditioned by pairing with tastants. *Journal of Experimental Psychology: Animal Behavior Processes* 32: 215-228.

Mobini S, Elliman TD, Yeomans MR (2005). Changes in the pleasantness of caffeine-associated flavours in a naturalistic study. *Food Quality and Preference* 16: 659-666.

Mobini S, Elliman TD, Walker HC, Yeomans MR (2004). Learned synesthesia and evaluative conditioning in odour-taste association. *Appetite*. 42:415 (Abstract).

Stephens DN, Elliman TD, Dunworth SJ (2000). State-dependent behavioural sensitization: evidence from a chlordiazepoxide state. *Behavioural Pharmacology* 11: 161-167.

POSTER PRESENTATIONS:

Elliman TD, Pleydell-Pearce C, Leonards U. The EEG alpha cycle as a modulator of visual reaction time. Presented at The International Conference of Cognitive Neuroscience (ICON), Turkey, September, 2008.

Elliman TD, Pleydell-Pearce C, Leonards U. Alpha wave as a cortical excitability cycle: evidence from reaction time to visual stimuli. Presented at British Association of Cognitive Neuroscience, Dundee, August, 2007.

Elliman TD, O'Connor D, Dye L. The effects of life events and perceived stress on facial ageing. Presented at BPS Psychobiology Section, Windemere, 2005.
