

RESEARCH STUDENTS' SEMINAR SERIES

Tuesday 16 September 2014
10:00 – 11:00

A3 Room
2nd Floor Strategakis Bldg

“The relationship between impulsivity and self-consciousness emotions in patients with Parkinson’s disease”

By
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ABSTRACT

The purpose of this study is to examine the relation between self-consciousness emotions and impulsivity in patients with Parkinson’s disease (PD). Specifically the scope is to examine whether increased impulsivity in PD patients may be due to reduced self-conscious emotions (self-disgust, shame and guilt). About 30-40 participants (half of the sample will be patients with PD and half healthy controls) will be selected from older adults’ list of the department of SEERC and the outpatient clinics of Department of Neurology, General Hospital "Papageorgiou", in Thessaloniki, Greece. The participants of the study will be asked to complete a battery of questionnaires and undergo a complete physiological examination. PD patients will be screened with the *Unified Parkinson Disease Rating Scale* (Goetz et al., 2008) and the *Mini Mental State Examination* MMSE (Fountoulakis et al., 2000). The following scales will be also administered: the self-disgust scale (Overton et al., 2008), the Hospital Anxiety and Depression scale (HADS; Michopoulos et al., 2008), the Test of Self-Conscious Affect to measure shame and guilt (TOSCA; Gouva et al., 2012), and the Barratt Impulsiveness Scale (Giotakos et al., 2003) and the Questionnaire for Impulsive-Compulsive Disorders (QUIP-RS; Weintraub et al., 2012) to measure different dimensions of impulsivity. To obtain behavioural measures of impulsivity, the Go/non-go (Newman et al., 1985) and Iowa tasks (Zermatten et al., 2005) will be employed, which measure inhibition and reward-based decision-making respectively. Finally, skin conductance resistance and heart rate will be measured to obtain physiological indexes of self-conscious emotions in an affect-induction paradigm.

The seminar series is open to all members of *staff* and *students* of CITY and to any *externals* that wish to attend.