

Stephanos Ioannou

D.O.B 09.05.1986

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PERSONAL PROFILE

I am an innovative, and enthusiastic individual, with exceptional writing, teaching and research abilities. I have a high level of scientific awareness, good problem solving skills and a multidisciplinary portfolio with an ambition for a career in the academia.

EDUCATION

2011-2014 **University of Parma**, Rizzolatti Mirror Neuron Institute, Department of Physiol **Ph. D in Neuroscience** . Marie-Curie fellowship recipient under the supervision of Professor Vittorio Gallese.

Thesis: Infrared Thermal Imaging in Affective Neuroscience: Insights to the self from the Peripheral Nervous System.

2010-2011 **Brunel University of West London**, Centre for Cognition and Neuroimaging **MSc in Functional Neuroimaging (fMRI)**, Graduated with Merit B+

2007-2010 **University of Leicester**, **BSc (Hons) in Psychology**, Graduated with a 2:1, Upper Class Honours

2002-2005 **Lanitio Lyceum B'**, Limassol, Cyprus - **High School Leaving Certificate**, Graduated with a 97.5%

RELEVANT PROFESSIONAL EXPERIENCE

2014 - **University of Portsmouth, Autism Research Network, Centre for Situated Action and Communication, Department of Psychology.** **Research Assistant under the supervision of Professor Vasudevi Reddy**-Exploring the development of self-conscious emotions in infants from a physiological perspective using thermal imaging.

2013 - **Universita d' Annunzio, Institute for Advanced Biomedical Technologies, Radiology Clinic.** **Research Assistant under the supervision of Massimo Caulo M.D.**- Using fMRI to investigate the re-wiring of the language cortex in a large population sample with acquired brain lesions on the left posterior and anterior hemisphere.

2011 - **Brunel University of West London, Centre for Cognition and Neuroimaging,** **Research Assistant under the supervision of Professor Michael Wright.** EEG data pre-processing, co-registration of 64-electrode positions using a digitiser on structural images acquired on a 3T MRI

2008 - **General Hospital of Cyprus, Drug Rehabilitation Unit,** **Volunteer work under the supervision of Argiris Argiriou M.D.** Through this role I had the opportunity to observe the pharmacological and psychological therapy delivered to drug addicts as well as gained an invaluable insight on the exhibited withdrawal symptoms of addiction

2008 - **General Hospital of Cyprus, Public Mental Health Services,** **Volunteer work under the supervision of Pantelis Panteli DCLinPsy.** Completed a 30-hour rotational program of educational visits, where I interacted and assisted the director with schizophrenic patients as well as their families.

CONTINUING PROFESSIONAL DEVELOPMENT

October 2014 – **Heidelberg University, Clinic for General Psychiatry**-Enacting Culture Embodiment, Interaction and the Development of Human Culture

September 2013 – **Invited Attendance to the annual meeting of the Society for Psychophysiological Research**, Atlanta, Georgia, USA - Heart Rate Variability: Mechanisms, Methods and Interpretation

November 2013 - **Harvard/MIT Martinos centre for biomedical Imaging Boston-Free Surfer Course** Surface Based analyses, Diffusion Tensor Imaging

May 2013 - **Advanced FMRI course on SPM8 (VBM/DCM)-Institute of Neurology-UCL**. Dynamic Causal Modelling

September 2012 - **University College London (UCL)-Brain Anatomy Course**-Functional Anatomy of the Brain, Brain Morphology and blood supply

April 2010 - **Child Centre for Mental Health (CCMH)**-Calm, Creativity and Competence: Learn relaxation, Calming techniques, and guided visualisations, Enabling children to speak about feelings through multi-arts

March 2010 - **British Psychological Society (BPS)** -Masterclass in Advanced Qualitative Analyses

TEACHING EXPERIENCE

2013-2014 **University of Portsmouth**

The neuroscience of offending behaviour (MSc in Forensic Psychology), Culture, food consumption and brain function (BSc in Psychology). Managing a team of six research based learning assistants, tutoring and supervising a third year project on the physiology of crying

POSTER PRESENTATIONS

February 2013 - 1st International TESIS Conference, University of Copenhagen. **Enactive and Phenomenological Approaches to Intersubjectivity** **Poster Presentation** The Autonomic Signature of Guilt in Children: A Thermal Infrared Imaging Study

June 2014 - Summer School University of Portsmouth **Meeting Minds. Ways of Engaging and Making Sense.** Proximity and Gaze Influences Facial Temperature: A Thermal Infrared Imaging Study.

INVITED TALKS

August 2014 - **Université Catholique de Louvain, Belgium**. Thermal imaging in affective Neuroscience: Advancements in Social Neuroscience.

July 2014 - **University of Portsmouth, UK**. The autonomic nervous system in emotions:

May 2013 – **Institute of Advanced Biomedical Technologies, Italy**. Thermal Infrared Imaging: Potentialities and Limits.

TECHNICAL SKILLS

Functional & Affective Connectivity Analyses (SPM8, Conn V13, Xjview, REX, Marsbar), **Fractional Anisotropy & Surface based morphometric analyses** (Free Surfer, Tracula), **Infrared Thermal Imaging**

analyses and acquisition (IrAnalyser, FLIR research IR), **Software packages** (Matlab, E-prime, Psychopy),
Advanced quantitative analyses (SPSS), Heart Rate and Skin Conductance Response.

MEMBERSHIPS

Graduate Member of the British Psychological Society No. 250924 (BPS)

Member of the British Neuroscience Association No. 01024970 (BNA)

Member of the Society for Psychophysiological Research No. 6856 (SPR)

ADDITIONAL SKILLS

Full driving licence (Clean EU)

Fluent in English, Greek, Italian

Autonomous Diver (Scuba School International)

REFERENCES- Available on request.

Publications

Ebisch, S. J., Aureli, T., Bafunno, D., Cardone, D., **Ioannou, S.**, Romani, G. L., Gallese, V. and Merla, A. (2013). Mother and child in synchrony: thermal facial imprints of autonomic contagion. *Thermology International*, 22, (3),121–129.

Ioannou S., Ebisch S.J., Aureli T., Bafunno D., Ioannides H.A., Cardone D., Manini B., Romani G. L, Gallese V., Merla A. (2013).The Autonomic Signature of Guilt in Children: A Thermal Infrared Imaging Study. *PlosOne*, 1-11.

Ioannou S., Gallese, V. Merla A. (2014). Thermal infrared imaging in psychophysiology: potentialities and limits, *Psychophysiology*, 1-11.

Ioannou S., Reddy, V., Mercer, H., Baker, M., Gallese, V., Morris P. (2014). Proximity and Gaze Influences Facial Temperature: A Thermal Infrared Imaging Study. *Frontiers in Cognitive Science, Psychology*, 1-23.

Nee, C & **Ioannou, S.** (2013). What has neuroscience taught us about criminal offending. In Beech, R. A., Carter J. A., Mann E. R., Rotshtein, P. (Ed.), *The Handbook of Forensic Neuroscience*. Wiley: Wiley-Blackwell

Submitted Publications

Ioannou S., Williams L. A. (2013). Neural correlates of food selection: preliminary fMRI findings concerning the influence of 5-HTP. *Brain & Behaviour*, 1-15.

Ioannou S., Terry, S., Morris., P. (2014). The physiology of crying. *Emotions*, 1-12

Ioannou S., Benvenuti, M., DaVilla Ross, M., Gallese. V. (2014). Thermal imaging and monkey physiology, an ecological comparative approach. *Biology letters*, 1-5

To be submitted in 2015

Ioannou S., Sestieri, C., Caulo, M. (2014). A Methodological Approach to the Functional Connectivity of the language cortex.

Ioannou S., Reddy V., Gallese, V. (2014). The development of shyness in Infants.

Ioannou S. Reddy V., Morris, P., Gallese, V. (2014). Subliminal messages of blushing.