

PICHON Swann

Ph.D. in Cognitive Sciences
French citizenship / Born May 4th 1977 in Strasbourg



Contact information

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Education

- 2005 - 2009 **Ph.D. in Cognitive Sciences** - Universities Pierre et Marie Curie & ENS - Paris
Thesis: Fear and anger : Functional neuroanatomy and attentional modulation of cerebral responses associated with the perception of actions signalling threat (Supervisor: Dr. Julie Grèzes)
- 2004 - 2005 **M.Sc. in Cognitive Sciences (upper2nd)** - Universities Pierre et Marie Curie & ENS - Paris
Thesis: Perceiving fear signals in static and dynamic actions (Supervisor: Dr. Julie Grèzes)
French equivalent: Diplôme d'Etudes Approfondies
- 2001 - 2003 **B.Sc (Hons) in Cognitive Sciences (upper2nd)** - Universities Lumière & Claude Bernard - Lyon
Thesis: perception of non-intentional and self-generated action in schizophrenic patients (Supervisors:N.Franck/P.Haggard)
French equivalent: Licence and Maitrise
- 1996 - 1999 **B.Sc in Computer Sciences (distinctions)** - University R. Schuman Strasbourg & Napier University - Edinburgh, Scotland
French equivalent: Licence

Professional experience

- 2009 - current **Brain and Behavior Lab. (head: P. Vuilleumier) - Centre Médical Universitaire de Genève - Switzerland**
Researcher, functional MRI in cognitive neuroscience (postdoctoral fellow)
- 2005 - 2009 **LPPA & Lab. For Cognitive Neurosciences (head: E. Koechlin) - Ens/INSERM - Paris**
3 years Student researcher, functional MRI in cognitive neuroscience (MENRT PhD fellowship)
- 2004 - 2005 **Lab. for Physiology of Perception and Action (head: A. Berthoz) - Collège de France/CNRS - Paris**
1 year Research assistant - programming & analysis of fMRI data
- 2000 & 2003 **Kroely ICA Group - Strasbourg**
1 y & 6 mos Software development & professional educator (~200 persons)

Technical skills

- Statistical and brain imaging analysis : SPM, SPSS, Caret
- Programming : Matlab, Stimulation software (Cogent, presentation), C/C++, PHP, Html, Visual Basic, Java, Pascal
- DBMS : MS Access, MYSQL, Oracle 7, Filemaker / Analysis methods : Merise, UML
- Multimedia : Photoshop, After Effects, Illustrator, Dreamweaver MX, Flash

Teaching

- 2007 Information Technologies - undergraduate student instructor - Paris Descartes University
2005 Information Systems analysis & design - undergraduate student instructor - Paris Nord University

Scientific Publications

Peer-reviewed research publications

- Pichon, S., de Gelder, B., & Grèzes, J. (in prep). Attention to Emotion: neural responses to dynamic actions signalling threat
- Pichon, S., de Gelder, B., & Grèzes, J. (2009). Two different faces of threat. Comparing the neural systems for recognizing fear and anger in dynamic body expressions. *Neuroimage*. Epub
- Pichon, S., de Gelder, B., & Grèzes, J. (2008). Emotional modulation of visual and motor areas by dynamic body expressions of anger. *Social Neuroscience*, 3(3):199-212.
- Grèzes, J., Pichon, S., & de Gelder, B. (2007). Perceiving fear in dynamic body expressions. *NeuroImage*, 35, 959-967.
- Franck, N., Posada, A., Pichon, S., & Haggard, P. (2005). Altered subjective time of events in schizophrenia. *Journal of Nervous and Mental Disease*, 193, 350-353.

Conferences, seminars, referred abstracts & posters

- S. Pichon, B. de Gelder, J. Grèzes - Neural correlates of perceiving dynamic signals of threat in other's gestures and attentional modulation [Séminar]. December 2008. LABNIC, Departments of Neuroscience, University of Geneva
- S. Pichon, J. Grèzes - Neural correlates of perceiving dynamic signals of threat in other's gestures and attentional modulation [guest speaker] . Donders' discussions 2008, October. Donders Institute, Nijmegen
- S. Pichon, J. Grèzes - Attention to emotion: neural responses during attended versus unattended observation of dynamic actions mediating threat signals [seminar]. Journées de l'école doctorale Cerveau, Cognition & Comportement, October, Roscoff
- S. Pichon, B. deGelder, J. Grèzes - Neural correlates of perceiving dynamic signals of threat in bodily expressions of anger and fear [abstract] . Social & Affective Neuroscience conference 2008, June. Boston
- S. Pichon, B. deGelder, J. Grèzes, - Attention to emotion: neural responses during explicit versus implicit processing of dynamic body signals of threat [abstract] . Cognitive Neuroscience Society 2008, April. San Francisco
- S. Pichon, B. deGelder, J. Grèzes - Perceiving anger in body expressions [abstract]. Presented at the 12th Annual Meeting of the Organization for Human Brain Mapping, Florence. *NeuroImage*, 32(Sup1):1-242
- J. Grèzes, S. Pichon, B. deGelder - A neural mechanism linking perception of fear to preparation of action. [abstract]. Presented at the 12th Annual Meeting of the Organization for Human Brain Mapping, Florence. *NeuroImage*, 32(Sup1):1-242

Associative Projects & interests

- Co-organization of the "National forum for cognitive sciences" in Paris in 2006. This meeting gathered 100 labs and companies working in the field of cognitive sciences as well as 18 graduate and undergraduate programs. (conferences planner)
- Co-founder of the "Café International" in Lyon, a student association that aims at integrating foreign students to local life
- Member of the Manufacture Vocale (2007-present), Paris (2004-2007) & Lyon Universities Choirs (2001-2004)
- Hobbies include music, singing, reading, traveling, hiking, climbing, archeology (1y of archaeological prospecting from 1999 to 2004 for the French National Institute for Preventive Archeological Research - Prospection of gallo-roman and medieval sites)