

Experience

- Dec 2020–Present **Post-doc**, *Ruhr University Bochum*, Bochum, Germany, supervisor: Nikolai Axmacher.
- Oct 2017–Oct 2021 **PhD candidate**, *University of Paris*, Paris, France, supervisor: Marion Noulhiane.
- Nov 2019 – **Visiting PhD candidate**, *Donders Institute, Radboud University*, Nijmegen, Netherlands.
Feb 2020
- Jan 2017 – **Research Intern**, *Neurospin, CEA*, Saclay, France.
Jun 2017
- Feb 2017 **Visiting research intern**, *Radboud University*, Nijmegen, Netherlands.
- Jun 2016 – **Research intern**, *University of Paris*, Paris, France.
Oct 2016
- Sept 2014 – **Full time research assistant in Epistemology**, *University of Paris*, Paris, France.
Sept 2015

Education

- 2017- 2021 **PhD in Neurosciences**, *University of Paris*, Paris, France.
- 2015–2017 **MSc in Cognitive Neurosciences**, *Sorbonne University*, Paris, France.
- 2014–2015 **First year of MSc in Genetics**, *University of Paris*, Paris, France.
- 2011-2014 **BS in Psychology**, *University of Paris*, Paris, France.
- 2009-2014 **BS in Philosophy and MA in Philosophy of Sciences**, *Sorbonne University*, Paris, France.

Publications and communications

Research papers

- Bouyeure, A., Bekha, D., Patil, S., Hertz-Pannier, L., Noulhiane, M. (2022). Maturity of white matter tracts is associated with episodic memory recall during development. *Cerebral Cortex Communications (In press)*
- Bouyeure, A., Patil, S., Mauconduit, F., Poiret, C., Isai, D., Noulhiane, M. (2021). Hippocampal subfield volumes and memory discrimination in the developing brain. *Hippocampus*, 31(11), 1202–1214
- Bouyeure, A., Germanaud, D., Bekha, D., Delattre, V., ... Noulhiane, M. (2018). Three-Dimensional Probabilistic Maps of Mesial Temporal Lobe Structures in Children and Adolescents Brains. *Frontiers in neuroanatomy* (12) 98.
- Bouyeure, A., Poiret, C., Bekha, D., Patil, S., Noulhiane, M. Functional connectivity correlated of autobiographical memory during childhood. *(In preparation)*

Chapters

- Bouyeure, A., Noulhiane, M. (2021). Memory: Normative development of memory systems. In Martin, Preedy, Rajendram (eds): *Factors affecting neurodevelopment* (pp. 517-527). Academic Press.
- Bouyeure, A., Noulhiane, M. Normal and pathological development of episodic memory: the importance of critical periods (2020). In Gallagher, Bulteau, Cohen and Michaud (eds): *Neurocognitive Development: Normative Development*. Handbook of clinical neurology (3rd series) (Vol. 173, pp. 201-213), Elsevier.
- Grialou, P., Chiron, J., Bouyeure, A., Noulhiane, M., Chiron, P. (2019). [Know thyself: using the Progymnasmata as metacognitive training], in Chiron, P. (ed) : *Practices of Progymnasmata: from Antiquity to the present day*. Editions Rue d’Ulm.

Talks

- Bouyeure, A., Champy, S., Poiret, C., Sandesh, P., Noulhiane, M. *Functional connectivity correlates of autobiographical memory in the developing brain*. OHBM 2021, Virtual Conference.
- Poiret, C., Bouyeure, A., Patil, S., Duchesnay, E., Grigis, A., Lemaître, F., Noulhiane, M. *Viewpoint Equivariance: Are 3D CapsNets Any Good for Hippocampal Segmentation?*. OHBM 2021, Virtual Conference.
- Bouyeure, A., Chauvin, R., Haak, K.V., Beckmann, C.F., Noulhiane, M. *Functional organization of the hippocampus on its anteroposterior axis during childhood*. OHBM 2020, Virtual Conference.
- Bouyeure, A., Patil, S., Noulhiane, M. *Hippocampal subfields volume predict memory discrimination performance in the developing brain*. OHBM 2020, Virtual Conference.
- Bouyeure, A., Bekha, D., Hertz-Pannier, L., Noulhiane, M. *White matter microstructure is associated to episodic memory performance in the developing brain*. European Brain and Behaviour Society 2019, Prague, Czech Republic.
- Bouyeure, A., Bekha, D., Noulhiane, M. *Resting-state functional connectivity is correlated to episodic memory performance in the developing brain*. Society for Neurosciences 2018, San Diego, CA, USA.
- Bouyeure A., Bekha D., Germanaud D, Delattre V, Rivière D., Mangin JF, Chiron C, Hertz-Pannier L, Noulhiane M. *Sulcal morphology of the medial temporal lobe in children and adolescents*. OHBM 2017, Vancouver, Canada.
- Bouyeure A., Bekha D., Germanaud D, Delattre V, Rivière D., Mangin JF, Chiron C, Hertz-Pannier L, Noulhiane M. *Sulcal morphology of the medial temporal lobe in healthy preterm infants*. OHBM 2017, Vancouver, Canada.

Awards

Research grant Mustela Foundation, 3.5k euros.

PhD Ecole Doctorale Cerveau, Cognition, Comportement, 3-years position.

Fellowship

Teaching

2017-2019 Psychophysiology class for students in 1st year of BS in Psychology, University of Paris (144 hours taught total).

2017-2020 Co-supervision of the internship of 6 M1 and M2 students, University of Paris.