

ELISA GAVARD

Neuropsychologist and PhD candidate in cognitive psychology at Aix-Marseille University, CNRS, Center for Research in Psychology and Neuroscience (CRPN, UMR 7077)

Interested in semantic and syntactic prediction in reading aloud, statistical learning, and developmental dyslexia.

✉ elisa.gavard@univ-amu.fr 🏠 Website ✕ Profile 🆎 ORCID 🌐 ResearchGate

Academic Positions

Teaching assistant (A.T.E.R.)

Sept. 2023 – Aug. 2024

Aix-Marseille University, UFR ALLSH, Cognitive Psychology Department

Marseille, France

- Full-time contract: 192 hours of teaching in Psychology
- Bachelor courses: Cognitive Psychology (BA 1st and 2nd year), Cognitive neuropsychology and psychopathology (BA 3rd year), Methods and Statistics (BA 1st and 2nd year), Methodology for university work in psychology (BA 1st year)
- Supervision of a BA 2nd year research internship in Psychology at CRPN (UMR 7077)

PhD candidate in Cognitive Psychology

Oct. 2020 – Aug. 2023

CRPN (UMR 7077), CNRS, Aix-Marseille University

Marseille, France

- Teaching contract (CME): 210 hours of teaching in Psychology
- Collaboration in a neuroimaging project (PREDYS: an fMRI study) with the IIRM-INT@CERIMED center at La Timone in Marseille and the EMC laboratory in Lyon (project start date: Sept. 2021)

Education

PhD in Cognitive Psychology

July 2024

CRPN (UMR 7077), CNRS, Aix-Marseille University

Marseille, France

- **Thesis title:** The role of semantic and syntactic prediction, and statistical learning in normal reading and in developmental dyslexia (under the supervision of Johannes C. Ziegler)
- Thesis funded by the French Ministry of Higher Education and Research (ED356, 2020-2023)

MSc in Psychology and Neuropsychology

June 2020

Aix-Marseille University, Master PNPC, with highest honour

Marseille, France

- **Research dissertations:** "The role of semantic and syntactic prediction in reading" (2020, under the supervision of Johannes C. Ziegler) and "Normal cognitive aging: the evolution of mental representations over time" (2019, under the supervision of Marlène Abadie)
- Co-supervision of a study and research project in BA 3rd year in Psychology

BA in Psychology

June 2018

Aix-Marseille University, with high honours

Marseille, France

Certificate in Human and Social Sciences, pathway in Psychology

Apr. 2018

Université de Sherbrooke

Sherbrooke, QC, Canada

- International university exchange through the Quebec Student Exchange Program in the 3rd year of BA in Psychology (PQÉE, BCI, AMU)

Publications

- Gavard, E., Chanoine, V., Geringswald, F., Cavalli, E., Anton, J-L., Ziegler, J.C. (in preparation). Semantic and syntactic prediction in reading and visuo-motor statistical learning: an fMRI study in dyslexic students
- Gavard, E., Ziegler, J.C. (under review). Semantic and syntactic predictions in reading aloud: are good predictors good statistical learners? *Journal of Cognition*
- Gavard, E., Ziegler, J.C. (2022). The effects of semantic and syntactic prediction on reading aloud. *Experimental Psychology*, 69(6), 308-319. <https://doi.org/10.1027/1618-3169/a000568>
- Abadie, M., Gavard, E., Guillaume, F. (2021). Verbatim and gist memory in aging. *Psychology and aging*, 36(8), 891-901. <https://doi.org/10.1037/pag0000635>

Conference Presentations

- Gavard, E., Chanoine, V., Geringswald, F., Tan, Y., Cavalli, E., Anton, J-L., Ziegler, J.C., (2023, October 24-26). Semantic and syntactic prediction in reading and statistical learning: an fMRI study in dyslexia [Poster presentation]. Society for the Neurobiology of Language, Marseille, France. <https://www.researchgate.net/publication/poster>
- Gavard, E., Ziegler, J.C., (2023, September 6-9). The effects of semantic and syntactic prediction on reading aloud. In J. Grainger (Chair), Word and Sentence Reading [Symposium]. European Society for Cognitive Psychology, Porto, Portugal.
- Gavard, E., Ziegler, J.C., (2022, July 3-4). The role of prediction and statistical learning in reading [Poster presentation]. From Association to Cognition, Marseille, France. <https://www.researchgate.net/publication/poster>
- Gavard, E., Ziegler, J.C., (2022, June 1-3). The role of prediction and statistical learning in reading [Poster presentation]. Conference on Interdisciplinary Advances in Statistical Learning, San Sebastian, Spain. <https://www.researchgate.net/publication/poster>
- **Coming soon:** 1 paper presentation at Implicit Learning Seminar (May 24, Marseille, France) and 2 poster presentations at Conference on Interdisciplinary Advances in Statistical Learning (June 5-7, San Sebastian, Spain) and at International Mind, Brain and Education Society (July 11, Leuven, Belgium)

Teaching and supervision

Lectures and Courses

408H

Bachelor Courses in Psychology, Aix-Marseille University, Cognitive Psychology Department, UFR ALLSH

- Methods and Statistics, BA 1st year (10h) – 2023-2024
- Methods and Statistics, BA 2nd year (22h) – 2023-2024
- Methodology for university work in psychology, BA 1st year (36h) – 2023-2024
- Cognitive Neuropsychology, BA 3rd year (76h) – 2020-2024
- Cognitive Psychology, BA 2nd year (220h) – 2020-2024
- Cognitive Psychology, BA 1st year (44h) – 2020-2021

Supervision

CRPN (UMR 7077), CNRS, Aix-Marseille University

- Supervision of the research internship of Lou Billard-Zucca, BA in Psychology, 2nd year, April 2024

Co-supervision

Aix-Marseille University

- Study and research work (TER) of Myriam Jout, BA in Psychology, 3rd year, 2018-2019

Funding

3-year doctoral fellowship (2020-2023): granted by the French Ministry of Higher Education and Research (ED356)

Ad Hoc Reviewer

2024 - L'Année Psychologique/Topics in Cognitive Psychology

Professional memberships

2023-Présent - Society for the Neurobiology of Language (SNL)

2023-Présent - European Society for Cognitive Psychology (ESCOP)

Administrative responsibilities

2024-Present: elected alternate representative of the PhD students at the Center for Research in Psychology and Neuroscience (UMR 7077, CNRS)

2024-Present: co-organizer of the "Implicit Learning Seminar" conference (11th edition) from 23 to 25 May 2024 <https://sites.google.com/view/ils11/about>

July 2023: co-organizer of the PhD and post-doctoral students retreat of the Laboratoire de Psychologie Cognitive (UMR 7290, CNRS)

2021-2023: elected representative of the PhD students at the Laboratoire de Psychologie Cognitive (UMR 7290, CNRS)

2018-2020: elected representative of the BA students at the Cognitive Psychology Department council (UFR ALLSH, Aix-Marseille University)

Technical Skills

Experimental tools: fMRI, Eye-tracking

Experiment design: E-Prime, Labvanced (online experiment), OpenSesame (beginner)

Statistical modelling: R (programming language), RStudio, Python (beginner), Matlab, Jasp, jamovi, statistical power analysis (GPower)

Collaborative and reproducible writing: RMarkdown, LaTeX, Overleaf, Zotero

Open Science: Open Science Framework, OpenNeuro

Languages

French: native

English: professional proficiency