

LESLIE TRICOCHÉ

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DEGREES & RESEARCH ACTIVITIES

2025-2026 (in progress): Post-doctoral researcher on « Learning, training and curiosity under social influence », Bordeaux University, Bordeaux, France, within the Flowers team of INRIA Bordeaux Sud-Ouest / Collaborator: H.Sauz on

2024-2025: Post-doctoral researcher on « ECOSOC: Does being pro-ecological equate to being pro-social? A fundamental, developmental, interventional and cross-societal/cross-cultural approach », Ghent University, Ghent, Belgium, within the Moral & Social Brain Lab - Department of Experimental Psychology / Collaborator: E.Caspar

2022-2024: Post-doctoral researcher on « The modulation of (im)moral decision-making according to the received orders and their subjacent neural bases », Ghent University, Ghent, Belgium, within the Moral & Social Brain Lab - Department of Experimental Psychology / Supervisor: E.Caspar

2018-2022: PhD in Neurosciences on « Neural bases of Social Facilitation/Inhibition in children and adults: Why does the mere presence of a peer modulates our cognitive performance? », Claude Bernard University, Lyon, France, within Impact Team (CRNL) / Supervisors: D.Pelisson and M.Meunier

2017-2018: Master 2 in Fundamental and clinic neurosciences, Claude Bernard University, Lyon, France

2016-2017: Master 1 in Neurosciences, Claude Bernard University, Lyon, France

2015-2016: University Degree in Biology, option Molecular, Cellular & Physiology Biology, University of Bordeaux, France

2012-2015: University Degree in MIASHS (mathematics and informatics applied to the humans and social sciences) – option cognitive sciences, University of Bordeaux, France

PUBLICATIONS

- **Tricoche, L.**, Lamm, C., Brevers, D., Caspar, E. Choosing others or the environment? Neurocognitive evidence for moral conflict and priority of prosocial over pro-environmental values. Under review in Journal of Environmental Psychology, preprint: https://osf.io/preprints/psyarxiv/9kspn_v1
- Beffara, B., Hadj-Bouziane, F., Ben Hamed, S., Cristofori, I., **Tricoche, L.**, Boehler, N., Chelazzi, L., Santandrea, E., Macaluso, E. Contrasting the classic effect of reward on attentional priority maps: Behavioral evidence for an attentional gating of spatially-specific reward signals. Under review in Psychological Research, preprint: https://osf.io/preprints/psyarxiv/zgkj8_v2
- **Tricoche, L.**, Caspar, E. The power of social influence on (non-)moral decision-making and its resistance: A scoping review of behavioral effects and neural mechanisms. Under review in Neuroscience and Biobehavioral Reviews, preprint: https://osf.io/preprints/osf/s6jtk_v3
- **Tricoche, L.**, Rovai, A., Lo Bue, S., Caspar, E. (2025) Neuro-cognitive specificities in prosocial disobedience: A comparative fMRI study of civilian and military populations. PlosOne, 20(7), doi: <https://doi.org/10.1371/journal.pone.0328407>
- **Tricoche, L.**, Reynaud, A., P elisson, D., Prado, J., Meunier, M. (2025). From social inhibition in childhood to social facilitation in adulthood: How social presence systematically enhances the predominant response strategy in cognitive tasks. Journal of Experimental Child Psychology, 260. doi: <https://doi.org/10.1016/j.jecp.2025.106340>
- **Tricoche, L.**, Rovai, A., Caspar, E. (2024). An fMRI study on the neural correlates of resistance to immoral orders. Imaging Neuroscience, Vol.2. doi: https://doi.org/10.1162/imag_a_00392
- **Tricoche, L.**, Royer d'Halluin, M., Meunier, M., P elisson, D. (2024). Neural bases of social facilitation and inhibition: how peer presence affects elementary eye movements. Social Cognitive and Affective Neuroscience, nsae079. doi: <https://doi.org/10.1093/scan/nsae079>
- **Tricoche, L.**, Meunier, M., Hassen, S., Prado, J., P elisson, D. (2023). Developmental Trajectory of Anticipation: Insights from Sequential Comparative Judgments. Behavioral Sciences, 13(646). doi: <https://doi.org/10.3390/bs13080646>

- **Tricoche, L.**, Péliſson, D., Longo, L., Kound, E., Poisson, A., Prado, J. & Meunier, M. (2023). Task-independent neural bases of peer presence effect on cognition in children and adults. *NeuroImage*, 277. doi: <https://doi.org/10.1016/j.neuroimage.2023.120247>
- **Tricoche, L.**, Monfardini, E., Reynaud, A. J., Epinat-Duclos, J., Péliſson, D., Prado, J., & Meunier, M. (2021). Peer presence effect on numerosity and phonological comparisons in 4th graders: When working with a schoolmate makes children more adult-like. *Biology*, 10(902), 643–662. doi: <https://doi.org/10.3390/biology10090902>
- **Tricoche, L.**, Ferrand-Verdejo, J., Péliſson, D., & Meunier, M. (2020). Peer presence effects on eye movements and attentional performance. *Frontiers in Behavioral Neuroscience*, 13(280), 1–13. doi: <https://doi.org/10.3389/fnbeh.2019.00280>

MEETINGS

- European Society for Cognitive and Affective Neuroscience (ESCAN) international meeting (Rome-Italy, coming in june **2026 – Talk and Poster**)
- “The Social & Moral Brain Seminar” (1st ed.) international meeting (Ghent-Belgium, **2025 – Talk**)
- International Conference on Environmental Psychology (ICEP) (Vilnius-Lituania, **2025 – Talk**)
- Belgian Association for Psychological Sciences (BAPS) international meeting (Brussels-Belgium, **2024 – Talk**)
- European Society for Cognitive and Affective Neuroscience (ESCAN) international meeting (Ghent-Belgium, **2024 – Talk**)
- Society for Social Neuroscience (S4SN) international meeting (Tsukuba-Japan, **2024 – Poster**)
- NeuroCog international meeting (Brussels-Belgium, **2023 – Poster**)
- NeuroFrance international meeting (Marseille-France, **2019 & 2023 – Poster**)
- British Association for Cognitive Neuroscience (BACN) international meeting (Birmingham-UK, **2022 – Datablitz & Poster**)
- Society for Social Neuroscience (S4SN) international meeting in virtual (Texas-USA, **2022 – Preregistered talk**)
- GDR Vision international meeting (Lille-France, **2021 – Poster**)
- Society For Neuroscience (SFN) international meeting (Chicago-USA, **2019 – Poster**)
- « Brain to light » french meeting (Paris-France, **2019**)
- Scientific meeting of the SFR health (Lyon-France, **2018**)
- Cognitive science meeting (Paris-France, each year **since 2013**)

TEACHING & MONITORING

2025-2026: Teaching contract - ATER (96h, – Neurobiology and Action – L2 MIASHS, Neuropathology – L3 MIASHS, Neuroimaging and Decision-making – M1 Cognitive Sciences, Multiple forms of professions – M2 Cognitive Sciences – Bordeaux University)

2023-2025: Lecture course - teaching intervention (3x2h, introduction to psychology – risky decision-making and deviant behavior – L1 Law students – Université Libre de Bruxelles)

2022-2024: Assessor (thesis correction and oral defense jury, 21 students in Theoretical and Experimental Psychology or Clinical Psychology or Educational Science – Ghent University)

2021-2022: Teaching contract (66h, neuroscience courses – Master in physical therapy with students having visual impairment – IFMKDV Université de Lyon)

2018-2021: Teaching contract (64h/year with mathematics/statistics (using Jasp software), informatics and neuroplasticity courses – undergraduate paramedical students – Université de Lyon)

2019-2025: Internship supervision (15 Master students, 6 undergraduate students)

TRAININGS & CERTIFICATIONS

2026: Workplace First Aid Responder Training (Bordeaux-France)

2024: Academic qualifications for a French permanent position as a Lecturer: 1) Neurosciences (n°24269365208), 2) Psychology and Ergonomics (n°24216365208)

2024: Certification to monitor 3.0T Siemens trio scanners (Brussels-Belgium)

2021: Certification to monitor 3.0T Magnetom Prisma scanners (Lyon-France)

2020-2021: Training in Advanced statistics using R (43h, Lyon-France)

2020-2021: Training in Advanced statistics using R (43h, Lyon-France)

2020: Training in “Attention can be learned” for implementation in children’s schools (15h, Lyon-France)

2020: Training in Good clinical practices, first aid actions & handling of fire extinguishers (Lyon-France)

2020: Training in Research ethics (15h, Lyon-France)

RELEVANT OUTPUTS & ACTIVITIES

Invited speaker at the 13th edition of the Pint of Science Festival (Bordeaux, France, 2026)

Invited speaker at the CogTalk organized by the student association Ascoergo (Bordeaux, France, 2025)

Reviewer (Scientific Reports, npj Science of Learning, Imaging Neuroscience, BMC Psychology, Psychological Research)

Summer School, “Cognitive Foundations of Decision Making” (Rabat-Morocco, 2024)

Contribution to the BD InScience INSERM project Vol.2, where my PhD work was adapted into a comic book format:
<https://www.inserm.fr/culture-scientifique/bande-dessinee-inscience-cultive-ta-sante-avec-linserm/>

Contribution to a scientific popularization project developed by collaborators of the BBL team in the CRNL:
<https://fb.watch/oqVKzC0Lsw/>

Winter School, “MRInference” (virtual, Padova-Italy, 2021)

Elected student representative at the Center Council of the CRNL (Lyon-France, 2020-2022)

SCIENTIFIC GRANTS

2024: Travel grant for a conference funded by the FWO (Research Foundation Flanders), Ghent University-Belgium. Amount: \approx € 2000

2024: Travel grant for a workshop funded by the FWO (Research Foundation Flanders), Ghent University-Belgium. Amount: \approx € 1000

2018: Doctoral fellowship from the Neuroscience and Cognition Graduate School (ED NSCo), Claude Bernard Lyon 1 University-France. Ranked 1st in the selection process. Amount: 3 years of funding (\approx € 80,000)