

Academic Information

- **2021-2025** Postdoctoral fellow in **Experimental Psychiatry**, CSAN, Linköping University. *PI: R. Böhme*
- 2017-2020 **PhD in Neuroscience**, Universidad Nacional de Córdoba. *PI: A. Ibañez*. (Honor Diploma)
- 2018-2019 PhD Traineeship. Donders Institute (DCCN) and Radboud UMC. *PI: E. Hermans*
- 2014-2016 Research assistant Laboratory of Experimental Psychology and Neuroscience. INCyT
- 2014 **License in Psychology**, Universidad de Palermo. Cum Laude Diploma.
 - Specialization in Sports Psychology (APDA)
 - Specialization in Clinical Psychology: Cognitive and Neuropsychology (Colpsi Psychology School DII Buenos Aires)

Awards and Grants

- 2022-2024 Three poster prizes (€200)
- 2021-2022 Postdoctoral scholarship (600.000 SEK)
- 2022 (Nov) CIFAR Neuroscience of Consciousness Winter School (Full travel grant US\$5000)
- 2022 (Oct) Grant The Lions Research Fund (600.000 SEK): Physical activity and cardiac interoception (...)
- 2021 (Dic) Grant Thuring's stift Fund (190.700 SEK): Understanding self-related dysfunctions, a study in schizophrenia.
- 2017 (Mar) Scholarship for the Latin American Brain Mapping Network (LABMAN, CELFI) on Machine Learning
- 2016 (Apr) CONICET 5-year Doctoral Scholarship. Supervisors: F. Manes, A. Ibañez.
- 2014 (Apr) Cum Laude Honor Diploma, University of Palermo, Buenos Aires, Argentina

Professional and Teaching Experience

- **Europe:**
 - Lecturer, Clinical Trials Course (Bachelor level), **Linköping University, Sweden** (2022–2025).
 - Tutor/Lecturer, Brain & Cognition, Athena Studies, Radboud University, Netherlands (2018–2019).
- **America (Argentina, Canada, USA):**
 - Lecturer, Neurosciences in Clinical Psychology (Postgraduate), Psychology School DII, Buenos Aires (2023).
 - Assistant Professor, Basic Processes 2 & 3, University "El Salvador," Argentina (2016–2018).
 - Course Coordinator/Lecturer, **Neuropsychological Assessment**, NeuroTransmitiendo, Argentina (2020–2024).
 - Lecturer, **Neuropsychological Assessment** (Postgraduate), Psychology School DII, Buenos Aires (2017).
 - International Training Collaboration, Western University, Canada (2017).
 - Clinical Monitoring Associate (CMA), PAREXEL, USA Hub (2016).
 - Psychology Internship, Hospital Dr. J.A. Fernández, Argentina (2013).

Specific Skills

Clinical populations studied: Schizophrenia, Anxiety, Multiple Sclerosis, Dementia (bvFTD, Alzheimer, Parkinson, Stroke), Cardiac transplant, hypertension.

Data Techniques: Neuropsychological Assessment, ECG, EEG, ERPs, SEP, CHEP, fMRI, Hormonal analyses (cortisol, oxytocin).

Data analysis and programming: Matlab, R, EEGLab, SPM, Kubios, JASP, SPSS, Presentation, Python, FSL.

Image design: GraphPad, Illustrator, Photoshop.

Languages

Spanish: Native, **English:** Advanced level of American English.

2014: TOEFL ITP score: 633 (total score: 677). C2

Swedish: Beginner: B1, **Portuguese:** Beginner: B1

Relevant Graduate Courses

Neuroscience and Neuroimaging: CIFAR Neuroscience of Consciousness Winter School (2022), IX CAN Summer School on EEG Analysis (2022), Neuroimaging Course, Radboud University (2019), Machine Learning for MRI/EEG (2017, Grade: 10), Universality and Neurosciences (2016, Grade: 10), Cognitive Neurosciences and Computational Neurosciences Courses, National Córdoba University (2017, Grade: 10); Structural and Functional Neuroanatomy, UBA (2015-2016).

Clinical and Psychological Practices: Dialectical Behavioral Therapy (DBT), INECO (2023); **Good Clinical Practices**, NIDA Clinical Trials Network (2019); The Science of Well-Being, Yale University (2020).

Presentations to Non-Scientific Population

Talks and Events: Pint of Science, Linköping (2023); Tecnópolis Science Fair: "Attention" & "Interoception" (2016); Cultural Science Center (C3), Buenos Aires (2016).

Media Appearances: Neuro Fan Podcast (2023); Radio Trend Topic: "Psicoanálisis con pinceladas de arte" (2022); Argentine National TV: "Why do we feel loneliness?" (Date: 2018).

Webinars and Online Dissemination: SfN ResearchInConversation: "Interoception Primes Emotional Processing" (2021); Member of NeuroTransmitiendo, a scientific dissemination group.

Scientific Articles

- #: Part of PhD thesis. §: Papers as last Author
- **H-index: 14.** Over twenty-five (25) peer reviewers for Scientific Journals (available at Web of Science, link above).

Work in Progress

1. **Salamone, P.C.** (first author), From bodily numbness to social connection: unveiling the relationship between depersonalization, self-concept, and social touch. *Preprint*. DOI:10.21203/rs.3.rs-4923651/v1.
2. **§Salamone, P.C.** (last author), Autonomic modulations to cardiac dynamics in response to affective touch: Differences between social touch and self-touch. *Preprint*. DOI:10.1101/2024.05.15.594340.
3. **Salamone, P.C.** (first author), Altered bodily self processing at cortical and spinal cord levels in schizophrenia. *In preparation*.
4. **Salamone, P.C.** (first author) Multidimensional interoceptive process modulates Ketamine neural effect over social touch—a double-blind placebo-controlled study. *In preparation*.

Postdoctoral Research

4. **§Candia-Rivera D., Boehme R., Salamone, P.C.,** Linking heartbeats with the cortical network dynamics involved in self-other distinction during affective touch. *Accepted in Communications Biology*. Accepted DOI: 10.1038/s42003-024-07448-z. IF=5.2.
5. **§Candia-Rivera, D., Engelen, T., Babo-Rebello, M., Salamone, P.C.** (2024). Interoception, network physiology, and the emergence of bodily self-awareness. *Neuroscience & Biobehavioral Reviews*, 165, 105864. DOI: 10.1016/j.neubiorev.2024.105864. IF=9.052.
6. Kaldewaij, R., **Salamone, P.C.,** Enmalm, A., Östman, L., Pietrzak, M., Karlsson, H., et al. (2024). Ketamine reduces the neural distinction between self-and other-produced affective touch: a randomized double-blind placebo-controlled study. *Neuropsychopharmacology*. DOI:10.1038/s41386-024-01906-2. IF=7.853.
7. Hazelton, J.L., Fittipaldi, S., Fraile-Vazquez, M., Sourty, M., Legaz, A., Hudson, A.L., **Salamone, P.C.,** et al. (2023). Thinking versus feeling: How interoception and cognition influence emotion recognition in behavioural-variant frontotemporal dementia, Alzheimer's disease, and Parkinson's disease. *Cortex*. DOI:10.1016/j.cortex.2023.02.009 IF=4.998.
8. Santamaria-Garcia, H., Burgaleta, M., Legaz, A., **Salamone, P.C.,** et al. (2022). The price of prosociality in pandemic times. *Humanities and Social Sciences Communications*, 9, 15. DOI:10.1057/s41599-021-01022-2. IF=1.567.

Doctoral Research

9. **# Salamone, P.C.,** Legaz, A., Sedeño, L., et al. (2021). Interoception primes emotional processing: Multimodal evidence from neurodegeneration. *Journal of Neuroscience*, 41(19), 4276-4292. DOI:10.1523/JNEUROSCI.2578-20.2021. IF=5.674.
10. **# Salamone, P.C.,** Sedeño, L., Bekinschtein, T., et al. (2020). Dynamic neurocognitive changes in interoception after heart transplant. *Brain Communications*, 2(2), fcaa095. DOI:10.1093/braincomms/fcaa095. IF=5.000.
11. Abrevaya, S., Fittipaldi, S., **Salamone, P.C.,** et al. (2020). At the heart of neurological dimensionality: Cross-nosological and multimodal cardiac interoceptive deficits. *Psychosomatic Medicine*, 82(9), 850-861. DOI:10.1097/PSY.0000000000000868. IF=3.957.

12. Fittipaldi, S., Abrevaya, S., **Salamone, P.C.,** et al. (2020). A multidimensional and multi-feature framework for cardiac interoception. *Neuroimage*. DOI:10.1016/j.neuroimage.2020.116677. IF=5.902.
 13. **#** Gonzalez Campo, C., **Salamone, P.C.,** Rodríguez-Arriagada, N., et al. (2019). Fatigue in multiple sclerosis is associated with multimodal interoceptive abnormalities. *Multiple Sclerosis Journal*. DOI:10.1177/1352458519888881. IF=5.611.
 14. **# Salamone, P.C.,** Esteves, S., Sinay, V., et al. (2018). Multimodal brain signatures of impaired interoception in multiple sclerosis. *Human Brain Mapping*. DOI:10.1002/hbm.24319. IF=4.421.
- | See | Video | abstract | at: |
|---|-------|----------|-----|
| https://vimeo.com/312587180 | | | |
15. Yoris, A., Abrevaya, S., Esteves, S., **Salamone, P.C.,** et al. (2018). Cover Image. *Human Brain Mapping*, 39: i-i. DOI:10.1002/hbm.23781. IF=4.421.
 16. Paquet, M., Cerasuolo, J.O., Thorburn, V., **Salamone, P.C.,** et al. (2018). Pathophysiology and risk of atrial fibrillation detected after ischemic stroke (PARADISE). *Journal of Stroke and Cerebrovascular Diseases*. DOI:10.1016/j.jstrokecerebrovasdis.2017.09.038. IF=2.179.

Research Assistant Research

17. Ibáñez, A., Billeke, P., de la Fuente, L., **Salamone, P.C.,** et al. (2017). Towards a neurocomputational account of social dysfunction in neurodegenerative disease. *Brain*, 140(3), e15. DOI:10.1093/brain/aww316. IF=10.840.
18. Yoris, A., Abrevaya, S., Esteves, S., **Salamone, P.C.,** et al. (2017). Multilevel convergence of interoceptive impairments in hypertension: New evidence of disrupted body-brain interactions. *Human Brain Mapping*. DOI:10.1002/hbm.23933. IF=4.421.
19. García-Cordero, I., Sedeño, L., de la Fuente, L., **Salamone, P.C.,** et al. (2016). Feeling, learning from, and being aware of inner states: Interoceptive dimensions in neurodegeneration and stroke. *Philosophical Transactions of the Royal Society B: Biological Sciences*, 371. DOI:10.1098/rstb.2016.0006. IF=6.235.
20. García-Cordero, I., Sedeño, L., Fraiman, D., **Salamone, P.C.,** et al. (2015). Stroke and neurodegeneration induce different connectivity aberrations in the insula. *Stroke*. DOI:10.1161/STROKEAHA.115.009598. IF=6.03

Book Chapters

21. "The Interoceptive Basis of the Mind". Oxford University Press, edited by Manos Tsakiris & Helena De Preester. Chapter: *Cardiac interoception in neurological conditions and its relevance for dimensional approaches*, 2018. Adrián Yoris, Adolfo M. García, **Paula Salamone**, Lucas Sedeño, Indira García-Cordero, Agustín Ibáñez.
22. "Neurocardiología: Aspectos Fisiopatológicos e Implicancias Clínicas". Instituto de Fisiopatología Cardiovascular, Facultad de Medicina, Universidad de Buenos Aires – CONICET, editado por el Dr. Ricardo Gelpi y Bruno Buchholz, 2018. *Capítulo 31: La interocepción cardíaca como mecanismo de regulación de las conductas y las emociones*. Adrián Yoris, **Paula Salamone**, Laura Alethia de la Fuente, Lucas Sedeño, Adolfo M. García, Agustín Ibáñez