

CURRICULUM VITAE

Personal Information

Name	Federica Procida
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Language	Italian (native speaker), English (advanced)
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Education

01/11/2022-01/11/2025 University G. D'Annunzio of Chieti-Pescara, Chieti, Italy	PhD in Neuroscience and Imaging Title of Thesis: "Temporal Discounting as a risk factor and predictive marker of mental health: neurocognitive analysis using advanced and personalized treatment methods" Supervisor: Prof Sestieri Carlo and Prof Giorgia Committeri
2022 University G. D'Annunzio of Chieti-Pescara, Chieti, Italy	Master's Degree Level II 'Neuroimaging: from Methods to applications in Neuroscience'
10/2017-12/2019 La Sapienza University, Rome, Italy.	MSc in 'Cognitive Neuroscience and Psychological Rehabilitation' Title of the Thesis: "Effects of palmitoylethanolamide-luteolin (Glialia®) therapy in patients with frontotemporal dementia: a preliminary study" Supervisor: Prof Cecilia Guariglia and Prof Giacomo Koch
2014-2017 Suor Orsola Benincasa University of Naples, Italy.	BSc in 'Cognitive Psychology Sciences and Techniques' Title of the Thesis: 'The Phenomenon of Childhood Amnesia' Supervisor: Prof Emanuele Coluccia

Scientific Research Experience

01/12/2025-present University G. D'Annunzio of Chieti-Pescara, Chieti, Italy.	Postdoctoral Research Department of Neuroscience, Imaging and Clinical Sciences, University G. d'Annunzio of Chieti-Pescara, Via dei Vestini 31, 66100, Chieti, Italy. Supervisor: Prof Carlo Sestieri
08/09/2023-14/05/2024 Adelphi University, Garden City, NYC (USA)	Visiting Researcher Supervisor: Dr Karolina Lempert. Linking Emotion & Memory to Preference Lab, Advanced Science Research Center (Cuny Center, NYC)

Publications

H index: 3

Publications in Peer-Review Journals

Publications 2, 7, and 12 (highlighted in red) are particularly relevant to this proposal: Publication 2 for its use of video-based stimuli to investigate episodic memory retrieval and related analyses.

1. **Procida F.**, Tullo M.G., Frisoni M., Tosoni A., Perrucci M.G., Baldassarre A., Sestieri C. Multiscale Network Reorganization During the Multidimensional Recollection of Naturalistic Event (under review, *Brain Structure and Function*).
[I was the main researcher responsible for the study; I conceived the hypotheses, designed the experimental paradigm, analysed the data, and wrote the manuscript, under the supervision of my supervisor.]
2. **Procida, F.**, Frisoni, M., Tosoni, A., Committeri, G., & Sestieri, C. (2026). Role of sparse episodic information in the progressive construction of event time about unknown narratives. *Memory & cognition*, 10.3758/s13421-026-01891-5. Advance online publication.
<https://doi.org/10.3758/s13421-026-01891-5>
[I was the main researcher responsible for the study; I conceived the hypotheses, designed the experimental paradigm, analysed the data, and wrote the manuscript, under the supervision of my supervisor.]
3. Santacroce F.*, **Procida F.***, Baldassarre A., Cachia A., Sestieri C., Committeri G. Asymmetry of the sulcal pattern of the anterior cingulate cortex modulates delay discounting. *Brain Struct Funct* 231, 55 (2026). <https://doi.org/10.1007/s00429-026-03114-8>
[I was the co-author researcher responsible for the study with Dr. Santacroce; I designed the experimental paradigm, analysed the data, and wrote the manuscript, under the supervision of my supervisor.]
4. **Procida, F.**, Frisoni, M., Tullo, M. G., Tosoni, A., Perrucci, M. G., Chiacchiaretta, P., Guidotti, R., & Sestieri, C. (2025). Specialization for different memory dimensions in brain activity evoked by cued recollection. *NeuroImage*, 308, 121068 <https://doi.org/10.1016/j.neuroimage.2025.121068> .
Citation: 3
[I was the main researcher responsible for the study; I conceived the hypotheses, designed the experimental paradigm, analysed the data, and wrote the manuscript, under the supervision of my supervisor.]
5. Teghil A, Bonavita A, **Procida F**, Giove F, Boccia M. Intrinsic hippocampal connectivity is associated with individual differences in retrospective duration processing. *Brain Struct Funct*. 2023 Mar;228(2): 687-695. Doi: 10.1007/s00429-023-02612-3. Epub 2023 Jan 25. PMID: 36695891; PMCID: PMC9944733. Citation: 5
[I designed the experiment, acquired the data and discuss the results of the study and assisted in preparing the manuscript.]
6. Teghil A, Bonavita A, **Procida F**, Giove F, Boccia M. Temporal Organization of Episodic and Experience-near Semantic Autobiographical Memories: Neural Correlates and Context- dependent Connectivity. *J Cogn Neurosci*. 2022 Nov 1;34(12):2256-2274. doi: 10.1162/jocn_a_01906. PMID:36007071. Citation: 10
[I designed the experiment, acquired the data and discuss the results of the study and assisted in preparing the manuscript.]

Presentation

19-20/11/2021 Società Italiana di Neuropsicologia (SINP), Modena, Italia

Temporal Organization of Episodic and Experience-near Semantic Autobiographical Memories: Neural Correlates and Context-dependent Connectivity. Teghil Alice, Bonavita Alessia, **Procida Federica**, Giove Federico, Boccia Maddalena. *Co-author contribution*.

- 18-19/11/2022** Società Italiana di Neuropsicologia (SINP), Rovereto, Italia
Intrinsic hippocampal connectivity is associated with individual differences in retrospective duration processing. Teghil Alice, Bonavita Alessia, **Procida Federica**, Giove Federico, Boccia Maddalena. *Co-author contribution*.
- 11-15/11/2023** Society for Neuroscience (SFN), Washington D.C., USA
Specificity of recollection-related activity for different memory dimensions. **Procida Federica**, Frisoni Matteo, Tosoni Annalisa, Sestieri Carlo. *Poster Presentation*.
- 13-16/04/2024** Cognitive Neuroscience Society (CNS) Toronto, Canada
The construction of complex narrative time. **Procida Federica**, Frisoni Matteo, Tosoni Annalisa, Sestieri Carlo. *Poster Presentation*.
- 10-15/05/2025** ISMRM & ISMRT Annual Meeting & Exhibition), Honolulu. Hawaii (USA)
Investigation of sustained blood flow and oxygen metabolic changes in the healthy brain following motor learning. Di Censo Davide*, Censi Stefano*, Graziano Francesca*, Patitucci Eleonora, Carriero Manuela, Pomante Sara, **Procida Federica**, Tomaiuolo Federica, Tullo Maria Giulia, Germuska Micheal, Biondetti Emma, Caporale Alessandra Stella, Chiarelli Antonio Maria, Tomassini Valentina, Wise Richard Geoffrey. *Co-author contribution*.
- 29/03-01/04/2025** Cognitive Neuroscience Society (CNS), Boston, Massachusetts (USA)
Entorhinal cortex activation during precise temporal memory retrieval is associated with temporal discounting. Ott Chloe, **Procida Federica**, Lempert Karolina. *Co-author contribution*.
- 16-17/05/2025** Società Italiana di Neuropsicologia (SINP), Urbino, Italia
Sulcal morphology as a marker of reward-related decision-making: the influence of ACC asymmetry on delay discounting. Santacroce Federica, **Procida Federica**, Antonello Baldassarre, Arnaud Cachia, Sestieri Carlo, Committeri Giorgia. *Co-author contribution*.
- 11-13/09/2025** Associazione Italiana di Psicologia (AIP), sezione sperimentale, Torino, Italia
Recollection-related activity for different memory dimensions. **Procida Federica**, Frisoni Matteo, Tullo Maria Giulia, Tosoni Annalisa, Chiacchiaretta Piero, Guidotti Roberto, Baldassarre Antonello, Sestieri Carlo. *Invited Talk*.
- 15-20/09/2025** International Conference on Cognitive Neuroscience (ICON) Porto, Portugal
Piecing together time: the role of sampling frequency in the construction of narrative time from sparse fragments. **Procida Federica**, Frisoni Matteo, Tosoni Annalisa, Sestieri Carlo. *Poster Presentation*.
- 26-28/02/2026** Eastern Psychological Association Conference, Boston, Massachusetts (USA)
Aging is associated with less precise temporal memory Mallia Abigail, Ott Chloe, **Procida Federica**, Lempert Karolina. *Co-author contribution*.
- Summer School** Sensing Time: How we process time across real and extended realities!
05-10/07/2026 University of Padua, Italy

Organization of International conferences

2023-2024	Society for Neuroscience (SfN)
2024-2025	Society of cognitive neuroscience (CNS)
2025-2026	Associazione Italiana di Psicologia (AIP)

Prizes and Awards

2023- Trainee Professional Development Award- Society for Neuroscience (SfN).
Budget: 2.500 €

Grants/Funding

2025-2027 - BIAL Foundation Grant #105-2024

Principal Investigator - Cognitive and neural insights into mnemonic construction of complex narratives.
Budget: 55.500 €

Supervision and Mentoring Activity

01/01/2026-present	Co-supervision of one postgraduate psychology trainees (supervisor: Prof. Sestieri Carlo)
05/03/2026-present	Co-supervision of three Master's students (supervisor: Prof. Sestieri Carlo and Prof. Santangelo Valerio)
01/04/2025-20/12/2025	Co-supervision of one Master's student (supervisor: Prof. Committeri Giorgia)
22/07/2024-01/03/2025	Co-supervision of one Master's student (supervisor: Prof. Committeri Giorgia)

Mobility

08/09/2023-14/05/2024	Visiting Research Adelphi University Gordon F. Derner School of Psychology, Garden City, NYC (USA) Supervisor: Karolina Lempert
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