

# Curriculum Vitæ

S e n d y C a f f a r r a

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## Current position and Education

|              |                                                                                                                                                                                   |
|--------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2024–present | <b>Associate Professor</b> at the University of Modena and Reggio Emilia, Italy.                                                                                                  |
| 2020–present | <b>Visiting Scholar</b> at Stanford University School of Medicine, Division of Developmental-Behavioral Pediatrics, and at Stanford University Graduate School of Education, USA. |
| 2021–2024    | <b>Assistant Professor</b> at the University of Modena and Reggio Emilia, Italy.                                                                                                  |
| 2019– 2021   | <b>Staff scientist</b> at the BCBL, San Sebastian, Spain.                                                                                                                         |
| 2013– 2018   | <b>Post-doctoral research fellow</b> at the BCBL, San Sebastian, Spain.                                                                                                           |
| 2012         | <b>Ph.D. visiting student</b> , University of La Laguna, Spain.                                                                                                                   |
| 2010 – 2013  | <b>Ph.D.</b> , Neuroscience, University of Modena and Reggio Emilia, Italy.                                                                                                       |
| 2008         | <b>M.Sc.</b> , Clinical Psychology, University of Padova, Italy.                                                                                                                  |
| 2006         | <b>B.Sc.</b> , Psychology, University of Padova, Italy.                                                                                                                           |

## Journal articles

47 publications, Q1 publications = 27, Quotes = 1976, H factor =21 (Google-scholar based)

1. Cameron, S., Kartushina, N., Lundquist, B., **Caffarra, S.** (2026, under review). Linear Distance Modulates P600 Amplitude for Gender Agreement: An ERP Study in Norwegian. *Brain Research*. IF = 2.8. Q1.
2. Guediche, S., Navarra-Barindelli, E., **Caffarra, S.**, Martin, C. (in press). Stimulus intelligibility impacts L1 effects on L2 visual word recognition. *Journal of Neurolinguistics*. IF = 1.2. Q1.
3. Smith\*, G., Bassoli\*, E., Ozturk, Y., Arteaga-Garcia, E., Ma, W. A., ROAR Developer Consortium, I-ROAR Data Collector Consortium, Yeatman, J. D., Mastrogiuseppe, M., & **Caffarra, S.** (2026). Similarities (and Differences) in the Learning Patterns of Single-Word Reading of an Alphabetic Orthography in Monolingual and Bilingual Primary School Children: A Cross-Sectional Study. *Brain Sciences*, 16(4), 356. IF = 2.8. Q2.
4. Kruper, J., Richie-Halford, A., Qiao, J., Gilmore, A., Chang, K., Grotheer, M., Roy, E., **Caffarra, S.**, Gomez, T., Chou, S., Cieslak, M., Koudoro, S., Garyfallidis, E., Satherthwaite, T. D., Yeatman, J., Rokem, A. (2025). A software ecosystem for brain tractometry processing, analysis, and insight. *PLOS Computational Biology*, 21(8), e1013323. doi: 10.1371/journal.pcbi.1013323. IF = 3.6. Q1.
5. **Caffarra\***, S., Karipidis\*, I. I., Kruper, J., Kubota, E., Richie-Halford, R., Takada, M., Rokem, A., Yeatman, J. D. (2025). Assessing white matter plasticity in a randomized controlled trial of early literacy training in preschoolers. *PLoS ONE*, 20(3), e0309574. doi: 10.1371/journal.pone.0309574. IF = 3.24. Q1.
6. Thomas, T., Martin, C. D., **Caffarra, S.** (2025). The impact of speaker accent on discourse processing: a frequency investigation. *Brain & Language*, 260. doi: 10.1016/j.bandl.2024.105509. IF = 2.1. Q1.
7. Yeatman, J.D., McCloy, D.R., **Caffarra, S.**, Clarke, M.D., Ender, S., Gijbels, L., Joo, S. J., Kubota, E.C., Kuhl, P.K., Larson, E., O'Brien, G., Peterson, E.R., Takada, M.E., Taulu, S. (2024). Reading instruction causes changes in category-selective visual cortex. *Brain Research Bulletin*, 212, 110958. IF = 4.01. Q1.
8. Kruper, J., Richie-Halford, A., Benson, N. C., **Caffarra, S.**, Owen, J., Wu, Egan, C., Y., Lee, A. Y., Lee, C. S., Yeatman, J., Rokem, A. (2024). Convolutional neural network-based classification of glaucoma using optic radiation tissue properties. *Communications Medicine*, 4, 72. Doi: 10.1038/s43856-024-00496-w. IF = NA. Q1.
9. **Caffarra, S.**, Kanopka, K., Kruper, J., Richie-Halford, A., Roy, E., Rokem, A., & Yeatman, J. D. (2024). Development of the alpha rhythm is linked to visual white matter pathways and visual detection performance. *Journal of Neuroscience*, 44 (6) e0684232023. doi: 10.1523/JNEUROSCI.0684-23.2023. IF = 5.30. Q1.
10. Guediche, S. & **Caffarra, S.** (2023). Multimethod perspective for mapping sound onto meaning. *Cortex*, 166, 425-427. doi: 10.1016/j.cortex.2023.07.001. IF = 4.64. Q1.

11. Kruper, J., Benson, N. C., **Caffarra, S.**, Owen, J., Wu, Y., Lee, A. Y., Lee, C. S., Yeatman, J., Rokem, A. (2023). Optic radiations representing different eccentricities age differently. *Human Brain Mapping*, 44, 3123-3135. doi: 10.1002/hbm.26267. IF = 5.04. Q1.
12. Thomas, T., Martin, C. D., **Caffarra, S.** (2022). An ERP investigation of accented isolated single word processing. *Neuropsychologia*, 175, 108349. doi: 10.1016/j.neuropsychologia.2022.108349. IF = 3.14. Q1.
13. Gosselin, L., Martin, C. D., González Martin, A., & **Caffarra, S.** (2022). When a non-native accent lets you spot all the errors: Examining the syntactic interlanguage benefit. *Journal of Cognitive Neuroscience*, 34, 1650-1669. doi: 10.1162/jocn\_a\_01886. IF = 3.47. Q1.
14. Richie-Halford, A., Cieslak, M., Ai, L., **Caffarra, S.**, Covitz, S., Franco, A., Karipidis, I., Kruper, J., Milham, M., Avelar-Pereira, B., Roy, E., Sydnor, V., Yeatman, J., The Fibr Community Science Consortium, Satterthwaite, T. & Rokem, A. (2022). An analysis-ready and quality controlled resource for pediatric brain white-matter research. *Scientific Data*, 9, 616. doi: 10.1038/s41597-022-01695-7 IF = 8.50. Q1.
15. Ertl, M. M., Trapp, S. K., Alzueta, E., Baker, F. C., Perrin, P. B., **Caffarra, S.**, Yüksel, D., Ramos-Usuga, D., & Arango-Lasprilla, J. C. (2022). Trauma-related distress during the COVID-19 Pandemic in 59 countries. *The Counseling Psychologist*, 1–29. doi: 10.1177/00110000211068112. IF = 1.35. Q2.
16. **Caffarra, S.\***, Karipidis, I. I.\*, Yablonski, M., & Yeatman, J. D. (2021). Anatomy and physiology of word-selective visual cortex: From visual features to lexical processing. *Brain Structure and Function*, 226, 3051-3065. doi: 10.1007/s00429-021-02384-8. IF = 3.18. Q1. (\*co-first authorship)
17. **Caffarra, S.**, Joo, S. J., Bloom, D., Kruper, J., Rokem, A., & Yeatman, J. D. (2021). Development of the visual white matter pathways mediates development of electrophysiological responses in visual cortex. *Human Brain Mapping*, 42, 5785-5797. doi: 10.1002/hbm.25654. IF = 5.04. Q1.
18. Mancini, S., **Caffarra, S.**, & Nevins, A. (2021). Editorial: Featural Relations in the Brain: Theoretical and Experimental Perspectives on Grammatical Agreement. *Frontiers in Psychology*, 12, 754430. doi: 10.3389/fpsyg.2021.754430. IF = 2.32. Q2.
19. **Caffarra, S.**, Lizarazu, M., Molinaro, N., & Carreiras, M. (2021). Reading-Related Brain Changes in Audiovisual Processing: Cross-Sectional and Longitudinal MEG Evidence. *The Journal of Neuroscience*, 41, 5867-5875. doi: 10.1523/JNEUROSCI.3021-20.202. IF = 5.67. Q1.
20. Kruper, J., Yeatman, J. D., Richie-Halford, A., Bloom, D., Grotheer, M., **Caffarra, S.**, Kiar, G., Karipidis, I. I., Roy, E., & Rokem, A. (2021). Evaluating the reliability of human brain white matter tractometry. *Aperture*, 1, 1-24. IF = Not applicable.
21. Gosselin, L., Martin, C.D., Navarra-Barindelli, E., & **Caffarra, S.** (2021). The presence of a foreign accent introduces lexical integration difficulties during late semantic processing. *Language, Cognition and Neuroscience*, 36(9), 1086-1106. Doi:10.1080/23273798.2021.1909084. IF = 1.93. Q1.
22. Yeatman, J.D., Tang, K.A., Donnelly, P.M., Yablonski, M., Ramamurthy, M., Karipidis, I.I., **Caffarra, S.**, Takada, M.E., Kanopka, K., Ben-Shachar, M., & Domingue, B.W. (2021). Rapid online assessment of reading ability. *Scientific Reports*, 11(1). Doi:10.1038/s41598-021-85907-x IF = 4.00. Q1.
23. Costello, B., **Caffarra, S.**, Fariña, N., Duñabeitia, J.A., & Carreiras, M. (2021). Reading without phonology: ERP evidence from skilled deaf readers of Spanish. *Scientific Reports*, 11, 5202. IF = 4.00. Q1.
24. Yüksel, D., McKee, G. B., Perrin, P. B., Alzueta, E., **Caffarra, S.**, Ramos-Usuga, D., Arango-Lasprilla, J. C., & Baker, F. C. (2021). Sleeping When The World Locks Down: Correlates Of Sleep Health During The Covid-19 Pandemic Across 59 Countries. *Sleep Health*, 7, 134-142. doi: 10.1016/j.sleh.2020.12.008. IF = 1.30. Q2
25. Molnar, M., Alemán Bañón, J., Mancini, S., & **Caffarra, S.** (2021). The Processing of Spanish Article–Noun Gender Agreement by Monolingual and Bilingual Toddlers. *Language and Speech*. doi: 10.1177/0023830920977050. IF = 1.47. Q2.
26. Joo, S.J., Tavabi, K., **Caffarra, S.**, & Yeatman, J.D. (2021). Automaticity in the reading circuitry. *Brain and Language*, 214. doi: 10.1101/829937. IF = 2.34. Q1.
27. Alzueta, E., Perrin, P., Baker, F. C., **Caffarra, S.**, Ramos-Usuga, D., Yüksel, D., Arango-Lasprilla, J. C. (2021). How the COVID-19 Pandemic Has Changed Our Lives: A Study of Psychological Correlates across 59 Countries. *Journal of Clinical Psychology*, 77, 556-570. doi: 10.1002/jclp.23082. IF = 2.16. Q1.
28. **Caffarra, S.**, Wolpert, M., Scarinci, D., & Mancini, S. (2020). Who are you talking to? The role of addressee identity in utterance comprehension. *Psychophysiology*, 57, e13527. doi: 10.1111/psyp.13527. IF = 3.38. Q1.
29. **Caffarra, S.**, Motamed, A.H., Michell, E., & Martin, C.D. (2019). When is irony influenced by communicative constraints? ERP evidence supporting interactive models. *European Journal of Neuroscience*, 50(10), 3566-3577. doi: 10.1111/ejn.14503. IF=2.83. Q1.
30. **Caffarra, S.**, Mendoza, M., & Davidson, D. (2019). Is the LAN effect in morphosyntactic processing an ERP artifact? *Brain & Language*, 191, 9-16. doi: 10.1016/j.bandl.2019.01.003. IF=2.85. Q1.
31. **Caffarra, S.**, Michell, E., & Martin, C.D. (2018). The impact of foreign accent on irony interpretation. *Plos One*, 13(8). e0200939. doi: 10.1371/journal.pone.0200939. IF = 2.77. Q1.
32. **Caffarra, S.**, Motamed Haeri, A., Michell, E., & Martin, C. D. (2018). Who makes you laugh? The role of foreign accent in irony comprehension. *Frontiers in Psychology*. doi: 10.3389/conf.fpsyg.2018.73.00008. IF =2.09. Q2.
33. **Caffarra, S.**, & Martin, C. (2019). Not all errors are the same: ERP sensitivity to error typicality in foreign accented speech perception. *Cortex*, 116, 308-320. doi: 10.1016/j.cortex.2018.03.007. IF = 4.91. Q1.

34. Antzaka, A., Martin, C.D., **Caffarra, S.**, Schlöffel, S., Carreiras, M., & Lallier, M. (2018). The effect of orthographic depth on letter string processing: The case of visual attention span and rapid automatized naming. *Reading and Writing*, 31, 583-605. doi:10.1007/s11145-017-9799-0. IF = 1.49, Q2.
35. Siyanova-Chanturia, A., Conklin, K., **Caffarra, S.**, Kaan, E., & van Heuven, W. (2017). Representation and processing of multi-word expressions in the brain. *Brain and Language*, 175, 111-122. doi: 10.1016/j.bandl.2017.10.004. IF = 2.44, Q1.
36. Wolpert, M., Mancini, S., & **Caffarra, S.** (2017). Addressee Identity and Morphosyntactic Processing in Basque Allocutive Agreement. *Frontiers in Psychology*, 8, 1439. doi: 10.3389/fpsyg.2017.01439. IF = 2.32, Q2.
37. Molinaro, N., Giannelli, F., **Caffarra, S.**, & Martin, D., C. (2017). Hierarchical levels of representation in language prediction: The influence of first language acquisition in highly proficient bilinguals. *Cognition*, 164, 61-73. doi: 10.1016/j.cognition.2017.03.012. IF = 3.41, Q1.
38. **Caffarra, S.**, Martin, C. D., Lizarazu, M., Lallier, M., Zarraga, A., Molinaro, N. & Carreiras, M. (2017). Word and object recognition during reading acquisition: MEG evidence. *Developmental Cognitive Neuroscience*, 24, 21-32. doi: 10.1016/j.dcn.2017.01.002. IF = 3.96, Q1.
39. **Caffarra, S.**, Barber, H., Molinaro, N., & Carreiras, M. (2017). When the end matters: influence of gender cues during agreement computation in bilinguals. *Language, Cognition and Neuroscience*, 32, 1069-1085. doi: 10.1080/23273798.2017.1283426. IF = 2.10, Q1.
40. **Caffarra, S.**, Zimnukhova, S., & Mancini, S. (2016). What usage can do: The effect of language dominance on simultaneous bilinguals' morphosyntactic processing. *Linguistics Vanguard*, 2, 43-53. doi: 10.1515/lingvan-2016-0020. IF = Not applicable.
41. **Caffarra, S.**, Siyanova-Chanturia, A., Pesciarelli, F., Vespignani, F., & Cacciari, C. (2015). Is the noun ending a cue to grammatical gender processing? An ERP study on sentences in Italian. *Psychophysiology*, 52, 1019–1030. doi: 10.1111/psyp.12429. IF = 2.99, Q1.
42. **Caffarra, S.**, & Barber, H. (2015). Does the ending matter? The role of gender-to-ending consistency in sentence reading. *Brain Research*, 1605, 83-92. doi: 10.1016/j.brainres.2015.02.018. IF = 2.84, Q2.
43. **Caffarra, S.**, Molinaro, N., Davidson, D., & Carreiras, M. (2015). Second language syntactic processing revealed through event-related potentials: An empirical review. *Neuroscience & Biobehavioral reviews*, 51C, 31-47. doi:10.1016/j.neubiorev.2015.01.010. IF = 8.08, Q1.
44. Molinaro, N., Barber, H.A., **Caffarra, S.**, & Carreiras, M. (2015). On the left anterior negativity (LAN): The case of morphosyntactic agreement. *Cortex*, 66, 156-159. doi: 10.1016/j.cortex.2014.06.009. IF = 5.13, Q1.
45. **Caffarra, S.**, Janssen, N., & Barber, H. (2014). Two sides of gender: ERP evidence for the presence of two routes during gender agreement processing. *Neuropsychologia*, 63, 124-134. doi: 10.1016/j.neuropsychologia.2014.08.016. IF = 3.30, Q1.
46. **Caffarra, S.**, Pesciarelli, F., & Cacciari, C. (2013). The interaction between language and visual spatial attention systems in grammatical gender processing. An N2pc study. *Cognitive Neuroscience*, 4:3-4, 217-224. doi: 10.1080/17588928.2013.823392. IF = 2.38, Q2.
47. Galante, E., Gazzì, L., & **Caffarra, S.** (2011). Psychological activities in neurorehabilitation: From research to clinical practice. *Italian Journal of Occupational Medicine and Ergonomics*, 33(1 Suppl. A), A19-A28. IF = Not applicable.

### Books & book chapters

1. **Caffarra, S.** (2023). The impact of sentence context on the morphological processing of single words: electrophysiological evidence. In D. Crepaldi (Ed.): *Linguistic Morphology in the Mind and Brain*. Routledge.
2. **Caffarra, S.**, Gosselin, L., Thomas, T., Martin, C. D. (2023). The Neurocognition of Foreign Accent Perception. In K. Morgan-Short and J. G. van Hell (Eds.): *The Routledge Handbook of Second Language Acquisition and Neurolinguistics*. Routledge.
3. Thomas, T., Martin, C. D., Pesciarelli, F., **Caffarra, S.** (2023). Analyzing Language using Brain Imaging. In P. Gyga and S. Zufferey (Eds.): *The Routledge Handbook of Experimental Linguistics*. Routledge.
4. **Caffarra, S.**, & Carreiras, M. (2020). Electrophysiological correlates of second language acquisition: from words to sentences. In M. Grimaldi, Y. Shtyrov, and E. Brattico, (Eds.): *Language Electrified: Techniques, Methods, Applications, and Future Perspectives in the Neurophysiological Investigation of Language*. Springer.
5. **Caffarra, S.**, Dias, P., & Costello, B. (2020). The learnability of complex constructions from a cross-linguistic perspective. In M. Schlechtweg (Ed.): *Trends in Linguistics. Studies and Monographs*. De Gruyter Mouton.
6. **Caffarra, S.** (2013). Does the ending matter? The role of the word ending in gender agreement processing: behavioural and ERP evidence on Italian and Spanish. Thesis Dissertation, Modena, Italy.

### Invited talks

1. **Caffarra, S.** (2025). Linking white matter diffusion properties and electrophysiological responses. University of Augusta, USA.

2. **Caffarra, S.** (2025). Exploring the link between white matter diffusion properties and electrophysiological responses. University of Zurich, Switzerland.
3. **Caffarra, S.** (2024). Connecting brain structure to function within the reading circuitry. University of Augusta, USA.
4. **Caffarra, S.,** Arteaga Garcia, E., Bassoli, E., Casani, E., Ma, W.A., Mastrangelo, N., Mastrogioseppe, M., Montville, K., Smith, G., Yeatman, J. D. (2024). Rapid Online Assessment of Reading: adattamento italiano. Open Science Working Workshop, University of Padova, Italy.
5. **Caffarra, S.** (2024). Assessing white matter plasticity in a randomized controlled trial of reading training in preschoolers. University of Zurich, Switzerland.
6. **Caffarra, S.** (2023). ERP evidence on foreign accented language processing: from words to sentences. University of Zurich, Switzerland.
7. **Caffarra, S.** (2023). Maturation of visual white matter pathways is linked to the developmental trajectories of electrophysiological responses. University of La Laguna, Spain.
8. **Caffarra, S.** (2023). Brain changes in visual and audiovisual domains during reading acquisition. Berkeley University, Berkeley, USA.
9. **Caffarra, S.** (2023). Neuroscience of reading. ISSNAF BAC Talks Series, Berkeley, USA.
10. **Caffarra, S.** (2023). Brain changes in visual and audiovisual domains during reading acquisition. University of California San Francisco, San Francisco, USA.
11. **Caffarra, S.** (2022). Development of visual white matter pathways is linked to electrophysiological responses. University of Zurich, Switzerland.
12. **Caffarra, S.** (2022). How do we comprehend foreign accented speech? Evidence from ERPs. Stockholm University, Sweden.
13. **Caffarra, S.** (2022). How reading shapes our brain. Italian Scientists and Scholars of North America Foundation. San Carlos, CA, USA.
14. **Caffarra, S.** (2022). The role of formal gender cues as a function of our language profile. University of Oslo, Finland.
15. **Caffarra, S.** (2022). Is our grammatical gender processing flexible? MultiGender retreat. Oslo, Finland.
16. **Caffarra, S.** (2022). The role of foreign accent during sentence comprehension. Jezik and Linguistics colloquia. University of Nova Gorica, Slovenia.
17. **Caffarra, S.** (2021) The impact of foreign accent on utterance comprehension. PoLaR Lab meeting. Trosno, Norway.
18. **Caffarra, S.** (2021). Accented speech perception: evidence from electrophysiology. Master seminary. Oldenburg, Germany.
19. **Caffarra, S.** (2021). How do we treat formal gender cues when we comprehend sentences? Sepex Symposium on grammatical gender representation and processing, Spain.
20. **Caffarra, S.** (2021). Brain changes in auditory, visual, and audiovisual domain during reading acquisition. PsychoShorts, University of Ottawa, Canada.
21. **Caffarra, S.** (2021). Reading-related brain changes of audiovisual processing: cross-sectional and longitudinal MEG evidence. CO-AIR webinar: Current opinion on audiovisual integration and reading, Zurich, Switzerland.
22. **Caffarra, S.** (2020). Linking neuroscience and education: Plastic brain changes related to reading acquisition. American Society for Engineering Education, Stanford University, USA.
23. **Caffarra, S.** (2020). The role of formal gender cues during agreement processing: ERP evidence from unimodal and bimodal bilinguals. MultiGender workshop retreat, The Arctic University of Norway, Norway.
24. **Caffarra, S.** (2019). Non-native language perception: Morphosyntactic error processing. British Association for Cognitive Neuroscience Annual Scientific Meeting, MRC CBU, Cambridge, UK.
25. **Caffarra, S.** (2019). Neural correlates of reading acquisition: MEG evidence. Symposium on Speech and Language, Maastricht University & BCBL, Spain.
26. **Caffarra, S.** (2019). The impact of speaker and addressee identity on sentence analysis. Invited talk at the "Giornate di Studi Scientifici sul Liguaggio", Rovereto, Italy.
27. **Caffarra, S.** (2018). Reading acquisition and its impact on brain processes. XL Anniversary Fiapas Conference, Madrid, Spain.
28. **Caffarra, S.** (2018). The learnability of gender agreement in Spanish-Basque bilinguals and Spanish bimodal bilinguals. XVIII International Morphology Meeting, Budapest, Hungary.
29. **Caffarra, S.,** Mendoza, M., & Davidson, D. (2017). The Left Anterior Negativity: Artifact or real ERP effect? University of La Laguna, Spain.
30. **Caffarra, S.** (2017). The weighting of formal cues during agreement processing: does language experience matter? *Workshop on Syntax Processing*. University of Trento, Italy.
31. **Caffarra, S.** (2016). Influential factors on the time course of L1 and L2 syntactic analysis. University of Lancaster, UK.
32. **Caffarra, S.** (2016). Influence of gender-to-ending consistency on monolingual and bilingual agreement processing. *XVII International Morphology Meeting*, Vienna, Austria.
33. **Caffarra, S.** (2015). Does the ending matter? Influence of gender-to-ending consistency during agreement processing. *IX Morphological Processing Conference*, Potsdam, Germany.

## Personal Grants and Awards

|             |                                                                                                                       |
|-------------|-----------------------------------------------------------------------------------------------------------------------|
| 2025        | ERC-2025-COG, European Research Council. 1,945,937.50 euros.                                                          |
| 2022        | Leonardo Da Vinci Award, Leonardo Da Vinci Society (USA). 1,000 \$.                                                   |
| 2021        | Rita Levi Montalcini, Italian Ministry of Research. 223,081 euros.                                                    |
| 2021        | Ramon y Cajal, Spanish Ministry (Mineco). 219,250 euros. Declined.                                                    |
| 2020 & 2021 | Viera y Clavijo fellowship, Spanish government. 217,610 euros. Declined.                                              |
| 2020 – 2021 | Marie Skłodowska-Curie global fellowship, H2020-MSCA-IF-2018-837228-ENGRAVING. European Commission. 245,732.16 euros. |
| 2018 – 2020 | Juan de la Cierva grant, IJCI-2016-27702, Spanish government. 70,000 euros.                                           |
| 2016        | 50 <sup>th</sup> Anniversary Lectureship Scheme (Language, Cognition and Neuroscience). Short-listed.                 |
| 2014        | Travel grant, Cuny Conference.                                                                                        |
| 2011– 2012  | Visiting research grant, Italian Ministry of Research. 22,500 euros.                                                  |
| 2010 – 2013 | PhD fellowship, Italian Ministry of Research. 78,000 euros.                                                           |
| 2010        | Young researcher award, Italian Psychology Association. 250 euros.                                                    |

## Other Grants

|           |                                                                                                                                                                                      |
|-----------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2025      | Public Engagement grant, Unimore, Italian Ministry of Research. <b>PI: Dr. Sindy Caffarra.</b> 2,000 euros                                                                           |
|           | Public Engagement grant, Unimore, Italian Ministry of Research. <b>Associated investigator: Dr. Sindy Caffarra.</b> 3,600 euros                                                      |
| 2024      | Public Engagement grant, Unimore, Italian Ministry of Research. <b>PI: Dr. Sindy Caffarra.</b> 4,300 euros                                                                           |
| 2023      | PRIN PNRR P2022SMEJW, Unimore, Italian Ministry of Research. <b>PI: Dr. Sindy Caffarra.</b> 225,001 euros                                                                            |
| 2023      | PRIN 202272BY39, Unimore, Italian Ministry of Research. PI: Prof. Francesca Foppolo. <b>Associated investigator: Dr. Sindy Caffarra.</b> 202,499 euros                               |
| 2022      | FAR Mission Oriented (R)FARORIENTED22, Unimore, Italian Ministry of Research. <b>PIs: Dr. Sindy Caffarra.</b> 47,500 euros                                                           |
| 2022      | FAR Dipartimentale, Unimore, Italian Ministry of Research. <b>PIs: Dr. Sindy Caffarra &amp; Prof. Francesca Pesciarelli.</b> 7,000 euros.                                            |
| 2020-2021 | Stanford Visiting scholar stipend. <b>PI: Dr. Sindy Caffarra.</b> 30,000 \$.                                                                                                         |
| 2018-2021 | PSI2017-82941-P, Spanish government. PI: Dr. Clara Martin. <b>Associated investigator: Dr. Sindy Caffarra.</b> 98,373 euros + FPI pre-doctoral grant.                                |
| 2016-2019 | SEV-2015-0490, Spanish government. <b>Associated investigator: Dr. Sindy Caffarra.</b> 4,000,000 euros.                                                                              |
| 2015-2018 | PSI2014-54500, Spanish government. <b>PIs: Dr. Sindy Caffarra &amp; Dr. Clara Martin.</b> 79,981 euros.                                                                              |
| 2015-2017 | PI_2015_1_25, Basque government. PI: Dr. Clara Martin. <b>Associated investigator: Dr. Sindy Caffarra.</b> 54,518 euros.                                                             |
| 2013-2018 | ERC-2011-ADG_20110406, European Research Council. PI: Prof. Manuel Carreiras. <b>Associated investigator: Dr. Sindy Caffarra.</b> 2,487,000 euros.                                   |
| 2013-2015 | FP7-SSH-2013-1-613465, European Research Council. Coordinator: Leiden University, Prof. Lisa Cheng. <b>Associated investigator: Dr. Sindy Caffarra.</b> 4,999,990 euros.             |
| 2010-2012 | PITN-GA-2009-237907, European Research Council. Coordinator: Bern University; Prof. Würigler and Prof. Sczesny. <b>Associated investigator: Dr. Sindy Caffarra.</b> 4,106,379 euros. |
| 2010-2012 | PRIN 20087EJRNW_002, Italian Ministry of Research. PIs: Prof. Roberto Cubelli & Prof. Cristina Cacciari. <b>Associated investigator: Dr. Sindy Caffarra.</b> 48,000 euros.           |

## Other Professional Activities

Teaching

|                                        |                                                                                                                                                                                                                                                                                                                          |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2023 – present                         | “General Psychology”. University of Modena and Reggio Emilia, School of Education and School of Medicine.                                                                                                                                                                                                                |
|                                        | “Bilingualism”. University of Modena and Reggio Emilia, School of Medicine.                                                                                                                                                                                                                                              |
| 2013 – 2020                            | “Sentence and discourse processing”. Master in Cognitive Neuroscience of Language. University of the Basque Country, Spain.                                                                                                                                                                                              |
| 2014 – 2019                            | “ERP analysis”. PhD program in Linguistics. BCBL, Spain.                                                                                                                                                                                                                                                                 |
| 2017                                   | “Quantitative Methods”. Master in Cognitive Neuroscience of Language. University of the Basque Country, Spain.                                                                                                                                                                                                           |
| Student supervision and co-supervision |                                                                                                                                                                                                                                                                                                                          |
| 2023 – present                         | 2 Post-doc students and 1 RA, University of Modena and Reggio Emilia, Italy.                                                                                                                                                                                                                                             |
| 2021 – present                         | 1 PhD student in Linguistics, University of Oslo, Norway.                                                                                                                                                                                                                                                                |
| 2019 – 2023                            | 1 PhD student in Neuroscience, BCBL, Spain.                                                                                                                                                                                                                                                                              |
| 2019 – 2020                            | 3 visiting PhD students from the University of Ottawa (Canada), Maastricht (Netherlands), Osnabruck (Germany).                                                                                                                                                                                                           |
| 2014 – 2020                            | 8 Master students from the University of the Basque Country, Spain.                                                                                                                                                                                                                                                      |
| 2018 – 2019                            | 1 visiting PhD student from the University of Buenos Aires (Brasil),                                                                                                                                                                                                                                                     |
| 2017 – 2018                            | 1 visiting PhD student from the University of San Raffaele (Italy).                                                                                                                                                                                                                                                      |
|                                        | 1 visiting PhD student from the University of Pisa (Italy).                                                                                                                                                                                                                                                              |
| 2014 – 2015                            | 1 Master student from the University of Trento, Italy.                                                                                                                                                                                                                                                                   |
| Master and PhD committee member        |                                                                                                                                                                                                                                                                                                                          |
| 2024                                   | member of 2 PhD thesis committee: Sissa, Italy; CIMEC, Italy.                                                                                                                                                                                                                                                            |
| 2023                                   | member of 3 PhD thesis committee: University of Zurich, Switzerland; BCBL, Spain; UniPd, Italy.                                                                                                                                                                                                                          |
| 2022                                   | member of PhD selection committee, Sissa, Italy.                                                                                                                                                                                                                                                                         |
|                                        | member of 2 PhD thesis committees, University of Trento, Italy.                                                                                                                                                                                                                                                          |
| 2013 – 2020                            | member of 13 Master thesis committees, Master in Cognitive Neuroscience of Language, University of the Basque Country, Spain.                                                                                                                                                                                            |
| Reviewing & conference organizing      |                                                                                                                                                                                                                                                                                                                          |
| 2025                                   | Editor of a Brain Sciences Special Issue. Program Committee Member of Flux Conference.                                                                                                                                                                                                                                   |
| 2024                                   | co-Area Chairs of the 15 <sup>th</sup> International Symposium of Bilingualism, San Sebastian, Spain                                                                                                                                                                                                                     |
| 2023 – present                         | Italian scientific habilitation (ASN). Field: 11/E1, I level.                                                                                                                                                                                                                                                            |
|                                        | Reviewer for “Research Development Plan - New Frontiers Projects Funding”, University of Siena, Italy.                                                                                                                                                                                                                   |
|                                        | Organizer of the IWORDD symposium “Longitudinal studies in reading acquisition”, San Sebastian, Spain.                                                                                                                                                                                                                   |
| 2020 – present                         | Associate Editor of Frontiers in Language Sciences. Co-Editor of a Cortex Special Issue. NSF reviewer.                                                                                                                                                                                                                   |
| 2019 – present                         | Reviewer for the “Oxford Research Encyclopedia of Linguistics”.                                                                                                                                                                                                                                                          |
| 2018 – present                         | Italian scientific habilitation (ASN). Field: 11/E1, II level.                                                                                                                                                                                                                                                           |
|                                        | Co-Editor of a Frontiers Special Issue.                                                                                                                                                                                                                                                                                  |
| 2016 – present                         | VQR Reviewer (Research Quality Evaluation) for the Italian National Agency for the Evaluation of Universities and Research Institutes (ANVUR).                                                                                                                                                                           |
| 2013 – present                         | Ad-hoc reviewer for: Plos Biology, Cerebral Cortex, Human Brain Mapping, Brain Research, Journal of Cognitive Neuroscience, Bilingualism: Language and Cognition, Frontiers, International Journal of Psychophysiology, Language Learning, Italian Psychology Association Journal, Language, Cognition and Neuroscience. |
| 2019                                   | Organizer of the Escop symposium “Auditory comprehension under adverse listening conditions”, Tenerife, Spain.                                                                                                                                                                                                           |
| 2018                                   | Scientific committee member of the “Workshop on Predictive Processing”, San Sebastian, Spain.                                                                                                                                                                                                                            |
| 2016                                   | Scientific committee member of the “Architectures and Mechanisms for Language Processing” meeting (AMLaP), Bilbao, Spain.                                                                                                                                                                                                |
| Languages                              | Italian, English, Spanish.                                                                                                                                                                                                                                                                                               |