LUCILLA GUIDOTTI

Linguistic competences

- English - Fluent
- Spanish - Fluent
- French - Basic
- German - Basic
- Italian - Native

SUMMARY

Experienced Clinical Researcher with a Ph.D. in Psychology, Linguistics, and Cognitive Neuroscience.

Extensive background in neurorehabilitation and pharmacological treatments, especially in head and neck cancers and post stroke conditions.

Proven expertise in designing and managing clinical trials, interpreting complex data, and translating research findings into actionable insights.

PROFESSIONAL CAREER

Clinical Researcher
Fundació Privada Salut Del Consorci Sanitari Del Maresme
January 2024 - Present
- Conducting clinical research in dysphagia and implementing research protocols and innovative approaches.
- Collaborating with multidisciplinary teams to ensure high-quality research and clinical trials.
- Collaborating with AIMS-Medical

Associate Professor
Universitat Autònoma de Barcelona
February 2024 - Present
- Teaching and mentoring students

Tutor and coordinator
Master's Degree in Swallowing Disorders
Universitat Autònoma de Barcelona
February 2024 - Present
- Teaching and mentoring students in dysphagia.

Development Team Member
May 2022 - December 2023
- Advised the development team on integrating speech therapy principles into the "Moovy, Grammar in Your Hands" educational tool.
- Collaborated with developers and designers to ensure the application met educational and therapeutic standards.
- Contributed to creating an interactive and user-friendly experience for teaching Italian grammar

Speech Language Therapist
University Hospital "Maggiore della Carità" di Novara
April 2018- December 2023
Head and Neck department, overseeing patient screenings and evaluations, and leading a team of professionals.

ACCADEMIC BACKGROUND

Ph.D in Psychology, Linguistics and Cognitive Neuroscience- Brain, mind and behaviour
University of Milano-Bicocca November 2020- February 2024
Completed a doctoral dissertation on "Novel word learning in aphasia: a new approach to an old problem"

MSc in Applied Cognitive Neurosciences
Università degli Studi di Milano | December 2018
Completed a masteral dissertation on "Neural correlates of Esophageal speech: an fMRI pilot study"

Post Graduate Diploma in Swallowing Disorders
ESSD (European society of swallowing disorders)| June 2019

BSc in Speech Language Pathology
Università degli Studi di Milano | November 2015
Completed a dissertation on "Caregiver as a support to the rehabilitation program in development age: a qualitative study"

RELEVANT SKILLS

- Clinical Trial Management: Expertise in designing, executing, and managing clinical trials in hospital settings, including protocol development, safety monitoring, and data quality assurance.

- Research Methodology: Proficient in study design, data interpretation, and generating high-quality research outputs. Adept at translating complex data into compelling narratives.

- Data Analysis: Experienced with statistical software (JAMOVI), R, and data visualization techniques. Comfortable handling large datasets and deriving insights from multiple data sources.

- Scientific Writing: Demonstrated ability to produce high-quality scientific abstracts, manuscripts, and study reports with a focus on clarity and precision.

- Project Management: Skilled in managing multiple projects simultaneously, meeting deadlines, and adapting to shifting priorities with minimal oversight.

- Team Collaboration: Proven ability to work effectively in multidisciplinary teams and manage cross-functional projects. Excellent communication skills in written, oral, and presentation formats.

TECHNICAL PROFICIENCY

- Programming Languages: Python, Java

- Data Analysis: R, statistical software (JAMOVI), data visualization

- Research Tools: EMG, tDCS, TMS, acoustic analysis, fMRI

- Actively pursuing professional development through courses, workshops, and hands-on projects.

PUBLISHED WORKS

Guidotti,L. The use of non-speech oral-motor exercises among Italian speech-language pathologists: an online survey; Logopedia e Comunicazione-Erickson. 2022 Gen; 17(1) .

Guidotti L, Negroni D, Sironi L, Stecco A. Neural Correlates of Esophageal Speech: An fMRI Pilot Study. J Voice. 2022 Mar;36(2):288.e1-288.e14. doi: 10.1016/j.jvoice.2020.05.022. Epub 2020 Aug 5. PMID: 32768157.

Aiello, E., Pain, D., Gallucci, M., Feroldi, S., Guidotti, L., Mora, G., et al. (2023). Rethinking motor region role in verb processing: Insights from a neurolinguistic study of noun-verb dissociation in amyotrophic lateral sclerosis. JOURNAL OF NEUROLINGUISTICS, 66(May 2023) [10.1016/j.jneuroling.2023.101124].

Aiello, E., Feroldi, S., De Luca, G., Guidotti, L., Arrigoni, E., Appollonio, I., et al. (2022). Primary progressive aphasia and motor neuron disease: A review. FRONTIERS IN AGING NEUROSCIENCE, 14 [10.3389/fnagi.2022.1003792].

Ortega, O., Guidotti L., (2025) Swallowing and aspiration and treat swallowing disorder associate with aspiration pneumonia ain older persons- SEMINARS IN RESPIRATORY AND CRITICAL CARE MEDICINE (In preparation)

Amado, C., O., Guidotti L., Viñas, P., Clavé, P.(2025) A comparative study of the psychometrics and feasibility of artificial intelligence algorithms (AIMS-OD) vs the standard screening methods for oropharyngeal dysphagia: a scoping review (In preparation)

Guidotti L., Espano, D., Clavè, P., Ortega, O. (2025) Spontaneous swallowing frequency for the evaluation of swallowing function, state of the art" (In preparation)