



Doctoral Programme in "Education Sciences and Psychology"

Cycle XXXVIII

Coordinator: Prof.ssa Vanna Boffo

PhD Student: Alice Mercugliano

Year: third year

Tutor: Prof.ssa Lucia Bigozzi

Scientific Sector (SSD): M-PSI/04 – Developmental psychology and educational psychology

Research (title of the Thesis): Building blocks of literacy development: a multi-method investigation of literacy acquisition through systematic review, genetic analysis, and educational enhancement

Study abroad

University: Queen Mary University of London, Department of Biological and Experimental Psychology, Referring tutor: Professor Margherita Malanchini

Period: 17 September 2024 - 21 December 2024

Goal/s: participation in laboratory meetings, course attendance, specific research



	project work. University: University College London (UCL), UCL Multilanguage and Cognition Lab (MULTAC), Referring tutor: Professor Roberto Filippi Period: 19th February 2024 - 19th May 2024 Goal/s: Collection of materials pertaining to the research project and Collaboration at scientific research groups
Meeting & Seminars: Participation	<u>Participation in congresses as a poster author or oral contribution:</u> Date: 13-15 February 2025 Project title: CSA (Cognitive Science Arena) congress organised by the Free University of Bozen/Bolzano Poster presentation: Mercugliano, A. & Malanchini, M. 'Early Predictors of Writing Skills: A Phenotypic and Genetic Analysis Using a Twin Difference Design'. Date: 10-12 December 2024



Project title: International PhD Opening Conference 2024 'Autobiography of Scientific Research Care' - University of Florence

Poster presentation and podcast: **Mercugliano, A.** 'Lexical competence influence on Reading and Spelling: Effects of enhancement on First-Grade children'.

Date: 29-21 September 2024

Project title: XXXV National Congress AIP Developmental and Educational Psychology Section, University of Cagliari

Contributing author: Vettori, G., **Mercugliano, A.**, Bigozzi, L., Incognito, O. 'The relationships between oral narrative, reading, and writing skills in primary school exploring the moderating role of cognitive-lexical skills: a longitudinal study'

Date: 24-28 June 2024

Project title: JURE 2024, University of Seville.

Poster presentation: **Mercugliano, A.**, Incognito, O., Bigozzi, L. 'Lexical competence



influence on Reading and Spelling: Effects of enhancement on First-Grade children’.

Date: 7th November 2023

Project title: International PhD Opening Conference 2023 “Quality Assurance in Research and PhD Program. New perspective in Higher Education” – University of Florence

Poster presentation: **Mercugliano, A.**, “Predictive indices of reading and writing ability and difficulty: a systematic review”

Date: 25-27 September 2023

Project title: XXXV National Congress AIP Developmental and Educational Psychology Section, University of Foggia

Poster presentation: Bigozzi, L., Incognito, O., **Mercugliano, A.** "Is it possible to increase the direct route of reading and writing already in second primary? Effects of a lexical enhancement”.



Date: 21-23 September 2023

Project title: XXXI AIRIPA National Congress, Neurodevelopmental Disorders

Video-poster presentation: **Mercugliano, A.**, Bigozzi, L., Pecini., C. "What are the predictive indices for the early identification of children at risk of Specific Learning Disorder? A systematic review of the literature"

Date: 9-12 February 2023

Project title: CSA Congress (Cognitive Science Arena) organised by the Free University of Bozen-Bolzano at Bressanone-Brixen

Oral Presentation (talk): **Mercugliano, A.**, Castro, E., Batini, F., Gasperini, F., Casalini, C. "Telerehabilitation in reading disorder or difficulty: treatment effects and associated variables".

Date: 4-5 March 2022

Project title: XVIII Edition Update days on the use of tools in Clinical Developmental Psychology, Bologna. Journal of Clinical Developmental Psychology, "il Mulino" publishing company and the Italian Association for Research and Intervention in the Psychopathology of Learning (AIRIPA)

Poster presentation: **Mercugliano, A.**, Castro, E., Batini, F., Gasperini, F., Casalini, C. "Telerehabilitation in subjects with reading disorder or difficulty: effects of the type of treatment and other variables associated with the outcome".

Date: 24-25 September 2021

Project title: XXIX AIRIPA National Congress, Neurodevelopmental Disorders

Poster presentation: **Mercugliano, A.**, Castro, E., Batini, F., Casalini, C. "Effectiveness of task- or process-oriented telerehabilitation interventions in a school-age clinical sample with specific learning disorder"



Participation, as an auditor, in conferences, congresses, seminars, workshops, webinars:

Date: 25 February 2024

Title: JURE Career Day, organised by European Association for Research on Learning and Instruction (EARLI) and Junior Researchers (JURE)

Date: 13 February 2025

Title: The HANDS-ON PSICOSTAT event! Research methodology workshop held by Psychostat leaders from the University of Padua: 'Multiverse analysis in R: Exploratory and Inferential Approaches'. As part of the CSA (Cognitive Science Arena) congress organised by the Free University of Bozen-Bolzano at Brixen.

Date: May 10, 2024 – June 2024

Title: Online Doctoral Seminars organized by CIRSE, 4 meetings "Scientific journals: the international landscape, Responding to international calls for papers: the



journals" Prof.ssa Antonella Cagnolati, "Responding to international calls for papers: the conferences, Preparing for, participating in and presenting at international conferences" Prof.ssa Luana Salvarani

Date: 16 October 2023 – 22 April 2024

Title: Seminar series: 'Multilingualism and Diversity: impact for education, health and society', UCL Multilingualism and Cognition Lab (MULTAC)

Date: 08 February 2024

Title: webinar "Evolutionary Robotics for Language Learning, Trust and Theory of Mind," CKBG Seminar, Prof. Angelo Cangelosi

Date: 17 November 2023

Title: webinar "Neurodevelopmental disorders and other atypicalities and disorders in developmental age: the Vademecum", organised by the Order of Psychologists



Date: 12 April 2023

Title: webinar "Good clinical and care practices in the management of DSA"
organised by Edizioni Centro Studi Erickson S.p.A.

Date: March 10, 2023

Title: webinar "The role of the school psychologist: school, family and territorial
network" organized by the GDL Psychology for School Wellbeing (Order of
Psychologists of Tuscany).

Date: February 9, 2023

Title: The HANDS-ON PSICOSTAT event! research methodology workshop held by
University of Padua Psychostat leaders Gianmarco Altoé & Massimiliano Pastore:
"Evaluation of outliers and influential cases in univariate and multivariate
perspectives." As part of the CSA (Cognitive Science Arena) congress organized by



	the Free University of Bolzano at Bressanone-Brixen. Date: 22 November 2022 Title: webinar, "There are already those who have arrived InTempo to identify learning difficulties", Cooperative Anastasis.
Summer & Winter Schools: Participation	Date: May 22 - 24, 2024 (25 lecture hours) Title: Compassion Focused Therapy, Basic Training, residential and experiential training, with Dr. Nicola Petrocchi and Dr. Sara di Biase Date: 4-6 September 2023 (18 lecture hours) Title: Summer school, school of methodology "Multilevel modelling: from simple direct cross-level effects to mediation model", Lectures given by Prof. Vicente Gonzales Roma, at University of Cagliari
Training Course/s	Date: March 2024 - ongoing Title: Statistical Computing with R - a gentle introduction, University College London



	(online course: 8 hours) Date: 19 October 2023 – 21 December 2023 (30 training hours) Title: English Language Course LEVEL B2/C1 Presentations (cod. 11394), University Language Centre, University of Florence, digital mode Date: November 2023 Title: Soft skills and Teaching, Soft skills, University of Florence, digital mode Date: November 2023 Title: Open Access and Open Science. Historical background, policies and tools, Soft skills, University of Florence, digital mode Date: 14, 21, 28 September 2023 and 5, 12, 19 October 2023 Title: " Research Training Thursdays: cycle of training meetings of the VIRALAB",
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	University of Florence Date: May 2023 Title: <i>Course on effective communication</i>, Soft skills, University of Florence, digital mode
Language Certificate/s	Language: English (First Certificate in English) Level: B2
Support Didactic (Workshops, Seminars,...)	Date: 31 October 2024 Title: 'MCS data request: a scary story', presentation during CODElab meeting King's College University, London Date: December 4, 2023 Title: "The social worker within the family counseling center" seminar in the course of Developmental Psychology - bachelor's degree in social work (University of Florence)



Date / period: ACADEMIC YEAR 2023/2024 – 2024/2025

Title: Expert in the subject at the chair of "Educational Psychology (surname A-K and L-Z) (ssd MPSI/04), Department of Education, Languages, Interculture, Literature and Psychology (FORLILPSI), School of Psychology, University of Florence
Activities: participation in lectures (in presence), support for group work, support for examinations (in presence).

Date / period: ACADEMIC YEAR 2023/2024 – 2024/2025

Title: Teaching assistant at the chair of "Prevention, assessment and treatment of learning difficulties and disorders" (ssd M-PSI/04), Department of Education, Languages, Interculture, Literature and Psychology (FORLILPSI), School of Psychology, University of Florence
Activities: participation in lectures (in presence), support group work, support for exams (in presence).



Publications: Books	Title: 'Predictive indices of reading and writing skills. A PRISMA systematic review.' Volume contribution in Boffo, V., & Togni, F. (2024). 'Research training. The doctorate between quality and future perspectives.' Mercugliano, A. DOI:10.36253/979-12-215-0504-7.34 Publishing House: Firenze University Press (FUP): Florence. Year of publication: 2024
Publications: Articles in National Journals	Title of the article: "Targeted by Nazi messages, Tay too became a Nazi" Journal: Origami, cultural insert of "La Stampa" Publication year: 27 September 2018 Title: "For the elderly and children there is the risk of arousing real feelings: metallic baby-sitters capable of autonomous decisions" Journal: Origami, cultural insert of "La Stampa" Publication year: 17 May 2018
Publications: Articles in International	Title of the article: A longitudinal study on the relationships between oral narration,

Journals	reading and writing in primary school: The moderating role of cognitive-lexical skills. Vettori, G., Mercugliano, A., Bigozzi, L. & Incognito, O. https://doi.org/10.1007/s10212-024-00929-z Title of the Journal: European Journal of Psychology of Education Year: 2024 Title of the article: Which childhood predictive indices forecast reading and writing skills in school-age children: a systematic review. Mercugliano, A., Bigozzi, L., De Cunto, A., Graziani, D., Pecini, C., Usai, M.C., Vecchi, S. & Ruffini, C. https://doi.org/10.1080/09297049.2024.2347381 Title of the Journal: Child Neuropsychology Year: 2024 Title of the article: Influence of lexical development on reading and spelling skills: Effect of enhancement on second-grade children in primary school. Incognito, O.,
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	Mercugliano, A. & Bigozzi, L. https://doi.org/10.3390/children10081416 Title of the Journal: Children, 10, 1416. Year: 2023 Title of the article: A study on the emergence of sound-sign correspondence in Italian-speaking 5-year-old pre-schoolers. Bigozzi, L., Incognito, O., Mercugliano, A., De Bernart, D., Bottarelli, L., e Vettori, G. https://doi.org/10.3389/feduc.2023.1193382 Title of the Journal: Frontiers in Education Year: 2023
Publications: Chapter in edited books	Title of the chapter: Book: Year:
Publications: Book Reviews	Book: Journal:



	Year:
Publications: Book Reports	Book: Journal: Year:
Editorial assistant	Series / Journal: Period:
Reviewer	Journal: Health Science Reports Period: March 2025 Journal: Child Neuropsychology Period: November 2024 – March 2025 Journal: Psychological Reports Period: April 2024
Member of national & international Pedagogical Associations	Association: Year/s:



Member of national & international Psychological Associations	Date: April 2024 – ongoing Title: European Association for Research on Learning and Instruction (EARLI) and Junior Researchers (JURE) Date: May 2023 – ongoing Title: Register of AIP (Italian Psychologist Association) Date: September 17, 2022 – ongoing Title: Register of Psychologists of Tuscany N°. 9912
Other informations	Date: August 2022 – ongoing Title: Active collaborator (volunteer) L.A.Psi. (Free Association of Psychology) Date: July 25, 2022 Title: Qualification to practice the profession of Psychologist obtained at the University of Cagliari.



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LETTERATURE E PSICOLOGIA

Florence, 10/03/2025

A. Mancini