

Brief Curriculum Vitae

INTERDEM Membership Application

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Research Profile

I am an Assistant Researcher at ID+, Faculty of Fine Arts, University of Porto, rated Excellent by the international FCT evaluation panel. I work at the intersection of design, health and wellbeing, cultural memory, community stories and ethnographic approaches. Since 2022, my work has focused increasingly on dementia care, particularly on design-led psychosocial and non-pharmacological approaches for people living with dementia.

My current research contributes to dementia care through participatory design, sensory and visual ethnography, culturally meaningful artefacts, generational objects, cultural probes, and cognitive, sensory and psychosocial stimulation activities grounded in biography, memory, culture and everyday life.

I have developed this work in real institutional care contexts, through partnerships with Alzheimer Portugal and Santa Casa da Misericórdia de Vila Nova de Gaia, involving people living with dementia, healthcare and care professionals, informal carers and undergraduate design students. This has also allowed me to introduce dementia care, person-centred design and ethical participatory methods into design education.

Education

- Postdoctoral research, Faculty of Fine Arts, University of Porto (2021): First pedagogical practices in Design at the Porto School of Fine Arts¹.
- PhD in Digital Media, University of Porto and Universidade Nova de Lisboa, in collaboration with the University of Texas at Austin (2015).
- MA in Communication Sciences, Universidade Fernando Pessoa, Porto (2009).
- MA in Multimedia Design and Production, Faculty of Fine Arts, University of Barcelona (2005).
- BA in Communication Design, ESAD — Escola Superior de Artes e Design, Matosinhos (1998).
- Professional training in Dementia, Therapies and Art (2022, 2023, 2024 and 2025).

Dementia-Related Research and Applied Projects

- REMIND — Design for People with Dementia: cultural, contextual and biographical components in the production of artefacts for cognitive, sensory and psychosocial stimulation activities. Author, researcher and project coordinator (2022–present).
- Partnership with Alzheimer Portugal: design-led pedagogical and research activities with people living with dementia, care professionals and undergraduate design students; outcomes in continuous use at an Alzheimer Portugal day centre.
- Work with Conde das Devesas Senior Residences, Santa Casa da Misericórdia de Vila Nova de Gaia: participatory design sessions with people living with dementia, healthcare professionals and students; outcomes in continuous use in the institution.
- Methodological focus: participatory design, co-design, sensory and visual ethnography, beyond-verbal communication strategies, generational objects and cultural probes as mediating tools for communication, self-expression, biographical exchange and meaningful social interaction.
- Recognition: Award for Best Innovative Pedagogical Practice, Fazer +: Programme for Support to Science and Innovation — FAZER+/ILIND/MPPI/1/2025.

¹ Postdoctoral research is not an academic degree but is included here as a formal period of advanced research training and specialisation.

- Shortlisted funding application, currently under evaluation: Communication and Participation in Dementia: Needs Assessment and Mediation in Institutional Contexts, Conecta 2026 Portugal, Fundação “la Caixa”. Project Leader, University of Porto / ID+, in partnership with Santa Casa da Misericórdia de Vila Nova de Gaia.

Selected Publications Relevant to Dementia, Health and Psychosocial Care

Lima, C., & Barreto, S. (2025). Remind — Designing with people living with dementia. ID+ Research Institute for Design, Media and Culture. ISBN 978-989-53056-8-1. [book]

Lima, C., & Barreto, S. (2025). Participatory Design for Dementia: Engaging Life Stories and Culture in Cognitive and Sensory Stimulation Artifacts. *Design Principles and Practices: An International Journal—Annual Review*, 19(1), 1–23. <https://doi.org/10.18848/1833-1874/CGP/v19i01/1-23> [article in scientific journal]

Lima, C., Barreto, S., & Sousa, C. (2025). The Potential of Cultural Elements in the Sensory and Cognitive Stimulation of Persons with Dementia: An Exploratory Study Through Textile Artefacts. *Journal of Dementia and Alzheimer's Disease*, 2(2), 14. <https://doi.org/10.3390/jdad2020014> [article in scientific journal]

Lima, C. (2025). Design pedagogies to engage students in design for persons with dementia through a multidisciplinary collaborative approach. *Learn X Design 2025*, Aveiro, Portugal. <https://doi.org/10.21606/drlxd.2025.065> [conference paper]

Lima, C. (2024). Designing sensory and cognitive stimulation activities with and for people living with moderate to late-stage dementia. *Design for Health*, 8(2), 206–224. <https://doi.org/10.1080/24735132.2024.2434376> [article in scientific journal]

Lima, C. (2024). Designing Playful Artefacts for People Living with Dementia: A Methodological Approach with Undergraduate Students. In *Perspectives on Design and Digital Communication IV*. Springer Series in Design and Innovation, vol. 33. https://doi.org/10.1007/978-3-031-41770-2_5 [book chapter]

Lima, C. (2023). Designing for People with Dementia in Academic Contexts. In *Perspectives on Design and Digital Communication III*. Springer Series in Design and Innovation, vol. 24. https://doi.org/10.1007/978-3-031-06809-6_12 [book chapter]

Lima, C. R., & Penedos-Santiago, E. (2023). Designing for People with Dementia: A Portuguese Case Study. In *Dementia Lab 2022: The Residue of Design*. Springer. https://doi.org/10.1007/978-3-031-14466-0_9 [book chapter]

Colaço, I., Lima, C., Mendonça, R., & Lopes, L. (2024). Design Contributions to Raise Awareness of Dementia and Tackle Stigma. In *Advances in Design and Digital Communication IV*. Springer. https://doi.org/10.1007/978-3-031-47281-7_32 [book chapter]

Maio, J., Lima, C., & Mendonça, R. (2024). Design contributions for cognitive and sensory stimulation in people living with dementia: a case study. *Proceedings of 10th EDT — Congresso Internacional Ergotrip Design*, 1093–1103. <http://hdl.handle.net/10773/44002> [conference paper]

Selected Recent Conference Contributions

- Designing for Dementia: Engaging Undergraduate Students in Participatory Design for Cognitive and Social Inclusion. Alzheimer Europe Conference, Bologna, Italy, 2025.
- Design contributions to improve the well-being of people with dementia: a pedagogical approach with undergraduate design students. AMPS Research & Teaching Conference, Prague, Czech Republic, 2025.
- Beyond-verbal communication: challenges of codesigning with persons with moderate to late-stage dementia. Design Commit 1st International Conference on Design and Industry, Braga, Portugal, 2024.
- Designing games for people living with dementia: an approach centred on the person's biographical and cultural characteristics. Design4Health Conference, Sheffield, UK, 2024.

- Contributions of Design in the Creation of Cognitive Stimulation Artefacts for Portuguese People with Dementia. European Conference on Arts, Design & Education, Porto, Portugal, 2022.

Teaching, Training and Knowledge Transfer Relevant to Dementia

- Coordination of annual design pedagogy projects with undergraduate students focused on cognitive, sensory and psychosocial stimulation artefacts for people living with dementia, in partnership with Alzheimer Portugal (2021–2025).
- Co-supervisor of completed master's dissertations on design for dementia and informal carers of people with dementia, including Design for Dementia: Exploration of Tools for Cognitive and Sensory Stimulation (2023) and Design Contributions to Understand and Improve the Experience of Informal Carers of People with Dementia (2025).
- Invited speaker at Alzheimer Portugal Association: Alzheimer — Through the senses we reach memories, 21 September 2024.
- Invited talks on REMIND / Design for People with Dementia at national and international universities, including the School of Arts and Design Caldas da Rainha, Lusíada University, Lusofona University and Accademia di Belle Arti di Bologna.
- Organisation of workshops on participatory design, cultural probes, leisure artefacts and cognitive stimulation for people living with dementia, including the Barcelona Conference on Education and Arts, Media & Culture (Spain, 2024), the European Conference on Arts & Humanities (UK, 2023), and Ciência Cidadã (Portugal, 2025).
- Organisation of the Design & Dementia Seminar, Lusofona University, Porto, 29 September 2022.

Selected Academic Service and Conference Organisation

- Co-chair, 16th International Conference of the European Academy of Design, Porto, Portugal (forthcoming, May 2027).
- Co-organiser, Critical Heritage(s) conference, hosted by AMPS and the University of Porto / Faculty of Fine Arts / ID+ (forthcoming, July 2027).
- Co-organiser, European Conference on Arts, Design & Education, University of Porto, Portugal (July 2022).

Selected Research Projects Beyond Dementia

- SiX — Drawing for Social Re-connectivity: inclusive, collaborative and digital environments for patients with partial to complete locked-in syndrome. FCT-funded project, researcher (2023.11224.PEX, 2025–2026).
- Sci-Bi — An Infodemic of Disorientation: communication design as mediator between scientific knowledge and cognitive bias. FCT-funded project, researcher (2022.08322.PTDC, 2023–2024).
- Wisdom Transfer — Towards the scientific inscription of individual legacies in contexts of retirement from art and design higher education and research. FCT-funded project, researcher (POCI-01-0145-FEDER-029038, 2018–2021); postdoctoral research developed within this framework.

Fit with INTERDEM Task Forces

Context, Culture, and Intersectionality: culturally and biographically meaningful artefacts, material culture, sensory memory and Portuguese dementia care contexts.

Methodology: participatory design, cultural probes, generational objects, sensory/visual ethnography and beyond-verbal strategies with people living with dementia.

Dementia Education and Training: pedagogical models for preparing design students and other non-clinical professionals to work ethically and effectively in dementia care contexts.