
■ EDUCATION

- 2011–2016 PhD in Psychology-Cum Laude. Universitat de Barcelona (Barcelona, Spain).
- 2009–2011 Master's degree in clinical and health psychology. Specialization in clinical neuropsychology. Universitat de Barcelona (Barcelona, Spain).
- 2008–2009 Postgraduate in clinical psychology. Universitat de Barcelona (Barcelona, Spain).
- 1998–2003 BA in psychology. Universidad Católica Boliviana (La Paz, Bolivia).

■ TEACHING EXPERIENCE

- 2023-2024 Invited lecturer. International School on Psycholinguistics, Neurolinguistics and Clinical Linguistics. Faculty of philosophy, University of Novi Sad (Novi Sad, Serbia).
- 2022 Invited lecturer. Culture and Communication. Master of science in speech and language pathology. College of Health Sciences, Midwestern University (Glendale, AZ, USA).
- 2021-present Lecturer. Cognitive neuroscience. Master in research in behavior and cognition. Faculty of psychology. Universitat de Barcelona (Barcelona, Spain).
- 2021-present Lecturer. Memory and representation. Graduate school in psychology. Faculty of psychology, Universitat de Barcelona (Barcelona, Spain).
- 2021-2022 Invited lecturer. Interdisciplinary themes for honor students: Clinical applications of artificial intelligence. Graduate school in physics. Faculty of physics, University of Oslo (Oslo, Norway).
- 2017–2019 Invited lecturer. Cognitive and neural basis. Master of science in speech and language pathology. College of Health and Rehabilitation Sciences. Boston University (Boston, MA, USA).
- 2015 Invited lecturer. Cognitive neuroscience. Master in research in behavior and cognition. Faculty of psychology. Universitat de Barcelona (Barcelona, Spain).
- 2010–2011 Online course instructor. Test anxiety and other stress-triggering situations: psychological coping strategies. Institut de Formació Continua IL3 – Universitat de Barcelona (Barcelona, Spain).
- 2010 Substitute lecturer. Psychopathology. Graduate school in psychology. Faculty of psychology, Universitat de Barcelona (Barcelona, Spain).
- 2005 Teaching assistant. Neuropsychology (optative course). Graduate school in psychology. Faculty of Psychology, Universidad Católica Boliviana San Pablo (La Paz, Bolivia).
- 2002 Teaching assistant. Personality theory (required course). Graduate school in psychology. Faculty of Psychology, Universidad Católica Boliviana San Pablo (La Paz, Bolivia).

■ TEACHING ACCREDITATIONS

- 2022 Research accreditation (profesor agregado/contratado doctor). Catalan University Quality Assurance Agency (AQU Catalunya, Spain).
- 2020 Accreditation for assistant professor/tenure-track lecturer (profesor lector). Catalan University Quality Assurance Agency (AQU Catalunya, Spain).

■ TEACHING TRAINING

- 2023 How to test a test: Procedure and resources (12 h.). Institut de Desenvolupament Professional, University of Barcelona, Barcelona, Spain.
- 2021 Elaboration of teaching innovation projects (12.5 h). Universidad Internacional de Andalucía, UNIA. Seville, Spain.
- Teaching Symposium on Foundational Communication Science Disorders, Science Courses (13 h). American Speech, Language and Hearing Association ASHA, Washington, DC, United States.
- 2020 Leading engaging class discussions workshop (2 h). Boston University. Boston, MA, United States.
- 2019 Bootcamp on building foundational teaching skills (8 h). Boston University. Boston, MA, United States.

■ RESEARCH ON TEACHING INNOVATION

- 2023-2025 Team member. Project: Formación en Razonamiento Clínico Virtual en Ciencias de la Salud” (FRaCVir). PI: Marina Calleja Reina. Universidad de Málaga (Malaga, Spain). Funding: Vicerrectorado de Personal Docente e Investigador/ Servicio de Formación e Innovación University of Malaga (Malaga, Spain).
- 2009-2010 Research assistant. Project: Training differential clinical diagnosis skills using virtual reality and artificial intelligence. PI: José Gutiérrez Maldonado. Universitat de Barcelona (Barcelona, Spain). Funding: Agència d Gestió d’ Ajuts Universitaris i de Recerca – AGAUR (Barcelona, Spain).

■ TEACHING PUBLICATIONS

Calleja, M., Ferrer, J., **Peñaloza, C.**, & Saborido, R. (2024). Enhancing clinical diagnostic skills in health science students through AI-driven virtual patient case design. In: L. Gómez Chova, C. González Martínez, J. Lees (Eds.). ICERI2024 Proceedings of the 17th annual International Conference of Education, Research and Innovation, 11-13 November, 2024, Seville-Spain (pp. 9237). Valencia: IATED Academy.

Peñaloza, C., Gutiérrez-Maldonado, J., Ferrer García, M., García Palacios, A., Andres Pueyo, A., Aguilar, A. (2011). Simulated interviews 3.0: Virtual humans to train abilities of diagnosis - usability assessment. Annual Review of Cybertherapy and Telemedicine, 167, 165 - 169.

Gutiérrez-Maldonado, J., Andres Pueyo, A., **Peñaloza, C.**, Ferrer García, M. (2011). A training program of differential diagnosis of dissociative disorders based on virtual simulations. Proceedings of the IADIS International Conference on Cognition and Exploratory Learning in Digital Age, 2011.

Gutiérrez-Maldonado, J., **Peñaloza, C.**, Jarne, A., Talarn, A., Andres, A., Aguilar, A., Ferrer, M. (2010). A training program of differential diagnosis skills based on virtual reality and artificial intelligence. Conference Proceedings of the Seventh International Conference on Information Technology: New Generations. pp. 1298 - 1299.

■ PARTICIPATION IN TEACHING CONFERENCES

Calleja, M. †, Ferrer, J., **Peñaloza, C.**, & Saborido, R. (2024). Enhancing clinical diagnostic skills in health science students through ai-driven virtual patient case design. 17th Annual International Conference of Education, Research and Innovation (ICERI), Seville, Spain, online.

Torres-Prioris, M. J. †, **Peñaloza, C.**, & López-Barroso, D. The relationship between personality traits and academic achievement in a Psychobiology course among Psychology university students. Oral communication. 9th International Congress of Educational

Sciences and Development. Virtual conference. Universidad de Granada/ Universidad de Vigo/ Universidade do Minho/ Universidade do Porto (October, 2021).

Torres-Prioris, M. J. [†], **Peñaloza, C.**, Dávila, G., & López-Barroso, D. University teaching in the time of COVID-19: Effectiveness of flipped classroom and gamification. Scientific poster. 9th International Congress of Educational Sciences and Development. Virtual conference. Universidad de Granada/ Universidad de Vigo/ Universidade do Minho/ Universidade do Porto (October, 2021).

Gutiérrez-Maldonado, J., **Peñaloza, C.** [†], Pericot Valverde, I., Aguilar, A., Gutiérrez, Martínez, O., & García, Rodríguez, O., (2010). Training psychological examination skills via virtual reality. Scientific poster. 6e congrés internacional de docència universitària i innovació CIDUI. Barcelona, Spain. (July, 2010).

■ RESEARCH EXPERIENCE

2024–2027 PI. Project: COG-BI-APHASIA: Cognate processing, learning and re-learning in bilinguals with aphasia. Universitat de Barcelona (Barcelona, Spain). Funding: Ministerio de Ciencia, Innovación y Universidades (Spain). Additionally funded with a FPI PhD student contract.

2024–2026 Collaborator, consortium project partner. Project: ALI-Multi: Acquired Language Impairments in a Multilingual World. PI: Seckin Arslan. Awarded institution: Centre National de la Recherche Scientifique (CNRS) - Délégation Régionale Côte d'Azur (Valbonne, France). Funding: L'Agence Nationale de la Recherche (Paris, France).

2024–2025 Co-PI (with Guillem Feixas). Project: IDENTITY-ABI: Feasibility of a brief immersive training intervention to facilitate self-knowledge and identity reconstruction after acquired brain injury. Universitat de Barcelona (Barcelona, Spain). Funding: Institut de Neurociències/ Unidades de Excelencia María de Maetzu (Barcelona, Spain).

2023–2028 Research consultant. Project: Computational modeling of language impairment and control in bilingual individuals with post-stroke aphasia and neurodegenerative disorders. PI: Swathi Kiran. Boston University (Boston, MA, USA). Funding: National Institutes of Health (Bethesda, MD, USA).

2023–2025 Co-PI (with María Mataró) Project: Lifestyle-SVD: Exploring the impact of lifestyle factors on cognitive and emotional functioning via small vessel disease (SVD) biomarkers in healthy older adults and stroke patients. University of Barcelona (Barcelona, Spain). Funding: National Academy of Neuropsychology (Denver, CO, USA).

Research personnel. Project: SGR – Grupo Cognición y Plasticidad Cerebral. PI: Antoni Rodríguez Fornells. University of Barcelona/IDIBELL (Barcelona, Spain). Funding: Agència de Gestió d'Ajuts Universitaris i de Recerca, AGAUR (Barcelona, Spain).

2021–2022 Research collaborator. Project: Rehabilitating communication in bilingual speakers with language-prominent dementia. PI: Stephanie Grasso. University of Texas (Austin, TX, USA). Funding: University of Texas (Austin, TX, USA).

2020–2022 Research consultant. Project: Computational modeling of semantic decline in bilingual individuals with mild cognitive impairment and primary progressive aphasia. PI: Swathi Kiran. Boston University (Boston, MA, USA). Funding: National Institutes of Health (Bethesda, MD, USA).

2020–2022 Co-investigator. Project: Primary progressive aphasia: Multimodal characterization of symptoms, physiopathology, and progression. PI: Miguel Santos Santos. Hospital Sant Pau Memory Unit (Barcelona, Spain). Funding: Instituto de Salud Carlos III (Madrid, Spain).

2019–2020 Co-PI (with Maria Varkanitsa) Project: White matter hyperintensities and brain atrophy as predictors of response to language treatment in aphasia. Boston University (Boston, MA, USA). Funding: Dudley Allen Sargent Research Fund – Boston University (Boston, MA, USA).

2017–2020 Postdoctoral associate. Project: Predicting rehabilitation outcomes in bilingual aphasia using computational modeling. PI: Swathi Kiran. Boston University (Boston, MA, USA). Funding: National Institutes of Health (Bethesda, MD, USA).

- 2014–2016 Predoctoral researcher. Project: Speech segmentation in left hemisphere stroke. PI: Antoni Rodríguez-Fornells. Universitat de Barcelona (Barcelona, Spain). Funding: Language Learning Journal (University of Michigan, MI, USA).
- 2010–2011 Research assistant. Project: Validation of ARMONI: a computerized cognitive training program for individuals with intellectual disabilities. PI: José Gutiérrez Maldonado. Universitat de Barcelona (Barcelona, Spain). Funding: Fundació Ave María (Barcelona, Spain).
- 2009–2010 Research assistant. Project: Development and application of technologically advanced methods based on virtual reality, for attention-diversion, visualization and body image modification, as adjunct analgesic techniques against chronic pain. PI: José Gutiérrez Maldonado. Universitat de Barcelona (Barcelona, Spain). Funding: Fundació La Marató de Tv3 (Barcelona, Spain).

■ GRANT REVIEW EXPERIENCE

- 2024 Expert external reviewer for I+D+I research projects
Funding agency: Agencia Estatal de Investigación/ Ministerio de Ciencia, Innovación y Universidades, Spain.
Call: Proyectos de Generación de Conocimiento 2024: Investigación Orientada, Tipo B. Field: Psychology.
- 2021 Expert external reviewer reviewer for postdoctoral grants
Funding agency: Ministerio de Universidades
Call: Subvenciones para la recualificación del sistema universitario español - 2021: Margarita Salas.
Host institution: Universidad de la Laguna. Santa Cruz de Tenerife, Spain.
- Expert external reviewer for I+D+I research projects
Funding agency: Dirección de Evaluación y Acreditación de la Agencia Andaluza del Conocimiento (DEVA-AAC).
Consejería de Economía, Conocimiento, Empresas y Universidad. Junta de Andalucía, Spain.
Call: Programa de ayudas a la I+D+I, en régimen de concurrencia competitiva, en el ámbito del plan andaluz de investigación, desarrollo e innovación (PAIDI 2020).

■ RESEARCH DIRECTION AND STUDENT ADVISING

- 2024 Qualifying project defense committee member. Student: Erin Carpenter. Project: Moving away from parallel and differential language impairments in bilingual aphasia: A machine learning approach to the identification of bilingual aphasia clinical profile. Supervisor: Swathi Kiran. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Speech, Language and Hearing Sciences. Boston University, Boston, MA, USA.
- 2023 Qualifying project defense committee member. Student: Michael Scimeca. Project: The evolution of word retrieval errors during semantic feature-based therapy in bilingual aphasia. Supervisor: Swathi Kiran. Submitted in partial fulfillment of the requirements for the degree of Doctor of Philosophy in Speech, Language and Hearing Sciences. Boston University, Boston, MA, USA.
- 2023 MA thesis defense committee member (TFM). Student: Emma Brice. Thesis: Neural basis of situation perception. Supervisor: Miguel Burgaleta. Study program: Master en investigación en comportamiento y cognición [Master in research in behavior and cognition]. Universitat de Barcelona, Barcelona, Spain.
- 2023 MA thesis defense committee member (TFM). Student: Angel Blanco. Thesis: The influence of affective feedback on cognitive control: An EEG study. Supervisor: Guillermo Recio Vaquero. Study program: Master en investigación en comportamiento y cognición [Master in research in behavior and cognition]. Universitat de Barcelona, Barcelona, Spain.
- 2023 MA thesis defense committee member (TFM). Student: Cassidy M. Ball. Thesis: A systematic review and meta-synthesis of literature of citizenship and mental health. Supervisor: Francisco Eiroa Orosa. Study program: Master en investigación en comportamiento y cognición [Master in research in behavior and cognition]. Universitat de Barcelona, Barcelona, Spain.
- 2023 MA thesis defense committee member (TFM). Student: Merve Duygu Bakirhan. Thesis: Observer's perception of brushstroke directionality in abstract art: exploring possible differences between artists and non-artists. Supervisor: Jordi Navarra. Study program: Master en investigación en comportamiento y cognición [Master in research in behavior and cognition]. Universitat de Barcelona, Barcelona, Spain.
- 2022 MA thesis defense committee member (TFM). Student: David López Martos. Thesis: Linguistic selection alteration in Huntington's Disease: Ecological oral language production reveals evidence through lexical diversity algorithms.

Supervisor: Ruth de Diego Balaguer. Study program: Master en ciencia cognitiva y lenguaje [Master in Cognitive Science and Language]. Universitat de Barcelona, Barcelona, Spain.

- 2022 MA thesis co-supervisor (TFM). Student: Laura Casas Valls. Thesis: The effects of bilingualism on cognitive performance in MCI: A comparison between monolinguals and bilinguals [L'efecte del bilingüisme en el rendiment cognitiu del DCL: Una comparació entre bilingües i monolingües]. Study program: Master de Neuropsicología y Neurología de la Conducta [Master in Neuropsychology and Behavioral Neurology]. Universitat Autònoma de Barcelona, Barcelona Spain (score 9/10: sobresaliente).
- 2021 Final graduate course thesis supervisor (TFG). Student: Lara Navarrete. Expressive and receptive novel word learning in post-stroke aphasia. Study program: Grado en Psicología [Bachelor's degree in Psychology]. Universitat de Barcelona, Barcelona, Spain (score 9.9/10: sobresaliente).
- 2020 MA thesis defense committee member. Student: Michael Scimeca. Thesis: Factors affecting outcomes for semantic feature analysis treatment for post-stroke bilingual aphasia. Supervisor: Swathi Kiran. Study program: Master of Science in Speech-Language Pathology. Boston University, Boston, MA, USA.
- MA thesis defense committee member. Student: Erin Carpenter. Thesis: varying degrees of cognitive control and its impact on lexical access during verbal fluency tasks in bilingual persons with aphasia. Supervisor: Swathi Kiran. Study program: Master of Science in Speech-Language Pathology. Boston University, Boston, MA, USA.
- 2018 MA thesis defense committee member. Student: Katherine Barrett. Thesis: Patterns of impairment in bilingual aphasia. Supervisor: Swathi Kiran. Study program: Master of Science in Speech-Language Pathology. Boston University, Boston, MA, USA.
- MA thesis defense committee member. Student: Leela Rao. Thesis: Verbal fluency as a measure of lexicosemantic access and cognitive control in bilingual aphasia. Supervisor: Swathi Kiran. Study program: Master of Science in Speech-Language Pathology. Boston University, Boston MA, USA.
- 2016 MA thesis co-supervisor. Student: Nagore Navarrete Herrero. Thesis: ERP evidence of implicit and explicit statistical learning of shape sequences. Study program: Master en Neurociencias [Master in Neurosciences]. Universitat de Barcelona, Barcelona Spain.
- 2011 Post-graduate thesis supervisor. Student: Elisabet Calvet Antich. Postgraduate course final project: Proposal of a diagnostic assessment battery for individuals with intellectual disabilities with high support needs living in nursing homes. Study program: Curso de Postgrado de Actualización en Psicopatología Clínica [Postgraduate course on clinical psychopathology]. Universitat de Barcelona, Barcelona Spain.

▪ HONORS, AWARDS AND PERSONAL FUNDING

- 2023 Collaboration of Aphasia Trialists 10 Year Anniversary Award for Knowledge for Early-Stage Researchers at the 8th Nordic Aphasia Conference: Comprehensive Aphasia Treatment: From Theory to Practice. Reykjavík, Iceland.
- Robin Tavistock Award 2023 to the Collaboration of Aphasia Trialists (role: Executive Committee Officer) by the Tavistock Trust for Aphasia at the 8th Nordic Aphasia Conference: Comprehensive Aphasia Treatment: From Theory to Practice. Reykjavík, Iceland.
- 2022 Postdoctoral contract Ramon y Cajal at Universitat de Barcelona. Sponsor: Ministry of Science and Innovation [Ministerio de Ciencia e Innovación]. Spain.
- 2021 Travel scholarship to attend the 3rd Workshop on Research Definitions for Reserve and Resilience in Cognitive Aging and Dementia. Sponsor: Program Committee of the 3rd Workshop on Research Definitions for Reserve and Resilience in Cognitive Aging and Dementia. Bethesda, MD, USA.
- 2020 American Speech-Language-Hearing Association's ASHA 2020 Pathways Mentoring Program fellow. Sponsor: American Speech-Language-Hearing Association's ASHA. United States.
- Postdoctoral contract Juan de la Cierva-Incorporación at Universitat de Barcelona. Sponsor: Ministry of Science and Innovation [Ministerio de Ciencia e Innovación]. Spain.

- 2019 Postdoctoral contract Sara Borrell at Bellvitge Biomedical Research Institute – IDIBELL. Sponsor: Spanish National Institutes of Health Carlos III [Instituto de Salud Carlos III]. Spain.
- 2018 Saffran student scholar travel award. Sponsor: Eleanor M. Saffran Center for Cognitive Neuroscience/ Temple University, Philadelphia, PI, USA.

Third place group award on pitch competition at the big ideas session of the International Max Planck Research School for the Language Sciences conference. Nijmegen, The Netherlands.
- 2017 Society for the Neurobiology of Language travel award. Sponsor: Society for the Neurobiology of Language. Baltimore, MD, USA.
- 2016 Cum Laude recognition for doctoral dissertation: Speech segmentation and new word learning in aphasia. University of Barcelona, Barcelona, Spain.

Funding for short-term academic stays in foreign research centers. Research stay at the Braintrain Lab, Abo Akademi University, Turku, Finland. Sponsor: University of Barcelona, Barcelona, Spain.
- 2015 Funding for research training course: Introduction to clinical quantitative neuroimaging. Sponsor: Bellvitge Biomedical Research Institute-IDIBELL, Barcelona, Spain.
- 2012 Predoctoral scholarship. Sponsor: Bellvitge Biomedical Research Institute, Barcelona, Spain.
- 2011 Scholarship of collaboration with the UB Journal of Psychology, official journal of the faculty of psychology. Sponsor: University of Barcelona, Barcelona, Spain.
- 2010 Scholarship of collaboration with ongoing research projects at the Department of personality, psychological assessment and treatment. Sponsor: University of Barcelona, Barcelona, Spain.
- 2008 MAEC-AECID scholarship for foreign students to enroll postgraduate, doctoral and research programs. Sponsor: Spanish Agency of Cooperation for International Development.

■ AD-HOC REVIEWING EXPERIENCE

Guest editor for Aphasiology. Current ad-hoc review editor for Frontiers in Communication. Current ad-hoc reviewer for the following international peer-reviewed journals: Bilingualism: Language and Cognition; Brain and Language; Brain Communications; Cognitive Neuropsychology; Cortex; Frontiers in Human Neuroscience; Frontiers in Neurology; Frontiers in Pharmacology; Journal of Neurolinguistics; Journal of Neuropsychology; Language, Cognition and Neuroscience; International Journal of Language and Communication Disorders; Journal of Communication Disorders; Neuropsychological Rehabilitation; Plos One.

■ PROFESIONAL AND SCIENTIFIC AFFILIATIONS

- 2024–present International Neuropsychological Society – Teleneuropsychology and Digital Technologies SIG (elected co-chair)
- 2021–present Collaboration of Aphasia Trialists – Assessments and Outcomes Group (elected deputy lead)
- 2021–2022 British Aphasiology Society. Member.
- 2019–present Collaboration of Aphasia Trialists - Cognition and Aphasia Working Group (elected member)
- 2019– 2020 Organization for Computational Neuroscience. Member.
- 2017–present Society for the Neurobiology of Language. Member.
- 2017–2018 Hispanic Neuropsychological Society. Member.

■ PUBLICATIONS IN PEER-REVIEWED JOURNALS

Scimeca, M., **Peñaloza, C.**, Carpenter, E., Marte, M. J., Russell, M., & Kiran, S. The evolution of word retrieval errors during semantic feature-based therapy in bilingual aphasia. *Bilingualism, Language and Cognition*, 1-18.

Laine, M., **Peñaloza, C.**, Eräste, T., Kunnari, A., Rodríguez-Fornells, A. (2025). Spontaneous strategies used during novel word learning. *Language Learning*, 1-34.

- Russell-Meill, M., Carpenter, E., Marte, M. J., Scimeca, M., **Peñaloza, C.**, & Kiran, S. (2025). Measurement of cross-language and cross-domain generalization following semantic feature-based anomia therapy in bilingual aphasia. *Neuropsychological Rehabilitation*, 1-27.
- Tessaro, B., Brownsett, S.L.E., Hameau, S., Simic, T., Nickels, L., Gilmore, N., **Peñaloza, C.**, Robson, H., Salis, C. (2025). Assessment of cognition in aphasia: Perspectives for clinicians and researchers. *Neuropsychological Rehabilitation*, 1-40.
- Peñaloza, C.**, Marte, M., Billot, A., & Kiran, S. (2025). Cross-language interaction during sequential anomia treatment in three languages: Evidence from a trilingual person with aphasia. *Cortex*, 189, 107-130.
- Arslan, S. & **Peñaloza, C.** (2025). Across countries and cultures: The assessment of aphasia in linguistically diverse clinical populations. *Aphasiology*, 1-6.
- Marte, M. J., Carpenter, E., Scimeca, M., Russell, M., **Peñaloza, C.**, Grasemann, U., Miikkulainen, R., & Kiran, S. (2025). Machine learning predictions of language recovery in bilinguals with post stroke aphasia: Aligning insights with clinical evidence. *Stroke*, 1-11.
- Martínez-Ferreiro, S., Arslan, S., Fyndanis, V., Howard, D., Kuvač-Kraljević, J., Matic-Škorić, A., Munarriz-Ibarrola, A., Norvik, M., **Peñaloza, C.**, Pourquie, M., Simonsen, H. G., Swinburn, K., Varlokosta, S., Soroli, E. (2024). Guidelines and recommendations for cross-linguistic aphasia assessment: A review of 10 years of Comprehensive Aphasia Test adaptations. *Aphasiology*, 1-25.
- Varkanitsa, M., **Peñaloza, C.**, Charidimou, A., & Kiran, S. (2023). Cerebral small vessel disease burden: An independent biomarker for anomia treatment responsiveness in chronic stroke patients with aphasia. *Archives of Physical Medicine and Rehabilitation*, 104, 1630-1637.
- Scimeca, M., **Peñaloza, C.**, & Kiran, S. (2023). Multilevel factors predict treatment response following semantic-feature based intervention in bilingual aphasia. *Bilingualism, Language and Cognition*, 1-17.
- Navarrete-Orejudo, L., Cerda-Company, X., Olivé, G., Martin, N., Laine, M., Rodríguez-Fornells, A., & **Peñaloza, C.** (2023). Expressive recall and recognition as complementary measures to assess novel word learning ability in aphasia. *Brain and Language*, 243, 105303.
- Marte, M., **Peñaloza, C.**, & Kiran, S. (2023). The cognate effect on lexical access in bilingual aphasia: Evidence from the Boston Naming Test. *Bilingualism, Language and Cognition*, 26, 1009-1025.
- Olivé, G., **Peñaloza, C.**, Vaquero, L., Laine, M., Martin, N., Rodríguez-Fornells, A. (2023). The right uncinate fasciculus supports verbal short-term memory in aphasia. *Brain, Structure and Function*, 228, 875-893.
- Peñaloza, C.**, Grasemann, U., Miikkulainen, R., & Kiran, S. (2023). Modeling bilingualism as a dynamic phenomenon in healthy and neurologically affected speakers across the lifespan: Open Commentary on “Computational Modeling of Bilingual Language Learning: Current Models and Future Directions”. *Language Learning*, 73, 78-82.
- Peñaloza, C.**, Martin, N., Laine, M., & Rodríguez-Fornells, A. (2022). Language learning in aphasia: A narrative review and critical analysis of the literature with implications for language therapy. *Neuroscience and Biobehavioral Reviews*, 141, 104825.
- Marte, M., Carpenter, E., Scimeca, M., Falconer, I., Abdollahi, F., **Peñaloza, C.**, & Kiran, S. (2022). LEX-BADAT: Language EXperience in Bilinguals with and without Aphasia DATaset. *Frontiers in Psychology*, 13, 875928.
- Scimeca, M., Abdollahi, F., **Peñaloza, C.**, & Kiran, S. (2022). Clinical perspectives and strategies for confronting disparities in social determinants of health for Hispanic bilinguals with aphasia. *Journal of Communication Disorders*, 98, 106231.
- Quiroz, Y. T., Solis, M., Aranda, M. P., Arbaje, A. I., Arroyo-Miranda, M., Cabrera, L. Y., Carrasquillo, M. M., Corrada, M. M., Crivelli, L., Diminich, E. D., Dorsman, K. A., Gonzales, M., González, H. M., Gonzalez-Seda, A. L., Grinberg, L. T., Guerrero, L. R., Hill, C. V., Jimenez-Velazquez, I. Z., Llibre Guerra, J. J., Lopera, F., Maestre, G., Medina, L. D., O'Bryant, S., **Peñaloza, C.**, Pinzon, M. M., Pirela Mavarez, R. V., Pluim, C. F., Raman, R., Rascovsky, K., Rentz, D. M., Reyes, Y., Rosselli, M., Gámez Tansey, M., Vila-Castelar, C., Zuelsdorff, M., Carrillo, M., & Sexton, C. (2022). Addressing the disparities in dementia risk, early detection and care in Latino populations: Highlights from the Second Latinos and Alzheimer's Symposium. *Alzheimer's & Dementia*, 18(9), 1677-1686.

- Carpenter, E., **Peñaloza, C.**, Rao, L., & Kiran, S. (2021). Clustering and switching in verbal fluency across varying degrees of cognitive control demands: Evidence from healthy bilinguals and bilingual patients with aphasia. *Neurobiology of Language*, 2, 532-557.
- Grasemann, U.†, **Peñaloza, C.** †, Dekhtyar, M., Miikkulainen, R., & Kiran, S. (2021). Predicting language treatment response in bilingual aphasia using neural network-based patient models. *Scientific Reports*, 11, 10497.
- Peñaloza, C.**, Scimeca, M., Gaona, A., Carpenter, E., Mukadam, N., Gray, T., Shamampant, S., & Kiran, S. (2021). Telerehabilitation for word retrieval deficits in bilinguals with aphasia: Effectiveness and reliability as compared to in-person language therapy. *Frontiers in Neurology*, 12, 598.
- Peñaloza, C.**, Dekhtyar, M., Scimeca, M., Carpenter, E., Mukadam, N., & Kiran, S. (2020). Predicting treatment outcomes for bilinguals with aphasia using computational modelling: Study protocol for the PROCoM randomized controlled trial. *BMJ Open*, 10:e040495.
- Varkanitsa, M., **Peñaloza, C.**, Charidimou, A., Caplan, D., & Kiran, S. (2020). White matter hyperintensities predict response to language treatment in poststroke aphasia. *Neurorehabilitation and Neural Repair*, 34(10), 945-953.
- Carpenter, E., Rao, L., **Peñaloza, C.**, & Kiran, S. (2020). Verbal fluency as a measure of lexical access and cognitive control in bilinguals with aphasia. *Aphasiology*, 34(11), 1341-1362.
- Peñaloza, C.**, Barrett, K., & Kiran, S. (2019). The influence of prestroke proficiency on poststroke lexical-semantic performance in bilingual aphasia. *Aphasiology*, 34(10), 1223-1240.
- Tort-Merino, A., Olives, J., Leon, M., **Peñaloza, C.**, Valech, N., Grönholm-Nyman, P., Martínez-Lage, P., Fortea, J., Molinuevo, J. L., Sánchez-Valle, R., Laine, M., Rodríguez-Fornells, A., & Rami, R. (2019). Tau protein is associated with longitudinal memory decline in healthy subjects: The need for an early detection of subtle cognitive changes. *Journal of Alzheimer Disease*, 70(1), 211-225.
- Peñaloza, C.**, Grasemann, U., Dekhtyar, M., Miikkulainen, R., & Kiran, S. BiLex: A computational approach to the effects of age of acquisition and language exposure on bilingual lexical access. (2019). *Brain and Language*, 195, 104643.
- Peñaloza, C.** & Kiran, S. (2017). Neuroimaging evidence in the treatment of bilingual/multilingual adults with aphasia. *Perspectives of the ASHA Special Interest Groups*, 2(2), 126-131.
- Ripollés, P., Biel, D., **Peñaloza, C.**, Kaufmann, J., Marco-Pallares, J., Noesselt, T., & Rodríguez-Fornells, A. (2017). Strength of temporal white matter pathways predicts semantic learning success. *Journal of Neuroscience*, 37(46), 11101-11113.
- Peñaloza, C.**, Mirman, D., Cardona, P., Juncadella, M., Martin, N., Laine, M., & Rodríguez-Fornells, A. (2017). Cross-situational word learning in aphasia. *Cortex*, 93, 12-27.
- Tort-Merino, A., Valech, N., **Peñaloza, C.**, Grönholm-Nyman, P., León, M., Olives, J., Estanga, A., Ecay, M., Fortea, J., Martínez-Lage, P., Molinuevo, J.L., Laine, M., Rodríguez-Fornells, A., Rami, L. (2017). Early detection of learning difficulties when confronted with novel information in preclinical Alzheimer's disease stage 1. *Journal of Alzheimer's Disease*, 58(3), 855-870.
- Peñaloza, C.**, Mirman, D., Tuomiranta, L., Benetello, A., Heikius, I., Järvinen, S., Majos, M., Cardona, P., Juncadella, M., Laine, M., Martin, N., & Rodríguez-Fornells, A. (2016). Novel word acquisition in aphasia: Facing the word-referent ambiguity of natural language learning contexts. *Cortex*, 79, 14-31.
- Peñaloza-Salazar, C.**, Gutiérrez-Maldonado, J., Ferrer-García, M., Caqueo-Úrizar, A., Reverter-Guimeso, A., Macías-Cajal, Y.; Amela-Huemes, D. & Perales-Sosa, S. (2016). Cognitive Mechanisms Underlying Armoni: A Computer-assisted cognitive training program for individuals with intellectual disabilities. *Anales de Psicología*, 32, 115-124.
- Peñaloza, C.**, Benetello, A., Tuomiranta, L., Heikius, I., Järvinen, S., Majos, M., Cardona, P., Juncadella, M., Laine, M., Martin, N., & Rodríguez-Fornells, A. (2015). Speech segmentation in aphasia. *Aphasiology*, 29, 724-743.
- Peñaloza, C.**, Rodríguez-Fornells, A., Rubio, F., De Miquel, M.A., & Juncadella, M. (2014). Language recovery and evidence of residual deficits after nonthalamic subcortical stroke: A 1-year follow-up study. *Journal of Neurolinguistics*, 11, 16-30.
- Caqueo-Úrizar, A., Gutiérrez-Maldonado, J., Ferrer-García, M., **Peñaloza-Salazar, C.**, Richards-Araya, D., & Cuadra-Peralta, A. (2011). Attitudes and burden in relatives of patients with schizophrenia in a middle income country. *BMC Family Practice*, 12, 101.

Caqueo-Urizar, A., Ferrer-García, M., Toro, J., Gutiérrez-Maldonado, J., **Peñaloza, C.**, Cuadros-Sosa, Y., & Gálvez-Madrid, M. J. (2011). Associations between sociocultural pressures to be thin, body distress, and eating disorder symptomatology among Chilean adolescent girls. *Body Image*, 8, 78-81.

Gutiérrez-Maldonado, J., Letosa, A., Rus, M., & **Peñaloza, C.** (2009). The assessment of attention deficit hyperactivity disorder in children using continuous performance tasks in virtual environments. *Anuario de Psicología*, 40, 223-236.

Gutiérrez-Maldonado, J., Magallón, E., Rus, M., & **Peñaloza, C.** (2009). Virtual reality exposure therapy for school phobia. *Anuario de Psicología*, 40, 211-222.

† Shared first authorship.

▪ BOOK CHAPTERS

Scimeca, M., & **Peñaloza, C.** Aphasia in bi-/multi-lingual language users. To appear in: Hatchard, R., Ryan, B., & Wallace, S. E. *Routledge International Handbook of Aphasia*. Routledge, UK.

Peñaloza, C., Miikkulainen, R., Grasemann, U., & Kiran, S. Computational approaches to bilingualism. To appear in: Altarriba, J., & Heredia, R. R. *An Introduction to Bilingualism: Principles and Processes* (Third Edition). Routledge, UK.

Calleja, M., Ferrer, J., **Peñaloza, C.** & Saborido, R. (2024). Desarrollo de competencias diagnósticas en estudiantes de ciencias de la salud mediante el uso de pacientes virtuales basados en inteligencia artificial. In: J. Rodríguez Góngora (Ed.). *Claves para una educación del siglo XXI* (pp. 533-542). Madrid: Dykinson.

Peñaloza, C., & Kiran, S. (2019). Recovery patterns in multilingual aphasia. In: J. W. Schwieter, (Ed.), *The Handbook of the Neuroscience of Multilingualism* (pp. 553-571). New Jersey: Wiley-Blackwell Publishing.

Peñaloza, C. (2017). Capacidad residual de aprendizaje de lenguaje en personas con afasia crónica. [Residual language learning abilities in people with chronic aphasia] In: Roth, E. (Ed.), *Hacia el Medio Siglo de la Psicología en Bolivia* (pp. 57-88). La Paz: Plural Editores.

▪ INVITED TALKS

Peñaloza, C. (2025). The interplay between language and memory systems supporting verbal learning in aphasia: Current evidence and clinical implications. NeuroPsychoLinguistics Research Group Seminars. Faculty of Psychology. University of Geneva. Geneva, Switzerland. Invited talk.

Peñaloza, C. (2025). Learning novel words as a window into language recovery in aphasia: From bench to clinical practice. Aphasia Clinics Symposium. Institute of Brain and Behavior Rotterdam, The Netherlands. Invited talk.

Peñaloza, C. (2025). Novel word learning ability in aphasia: Underlying mechanisms and insights for language rehabilitation. Research round table, Department of Communication Science and Disorders, University of Pittsburgh, PA, USA. Online invited talk.

Peñaloza, C. (2024). Beyond the language processing system: Novel word learning in aphasia and its relevance for language therapy. Science of Aphasia Conference. Geneva, Switzerland.

Peñaloza, C. (2024). Language impairment and recovery in bilingual speakers with aphasia. Student session 2: Comparing language impairment in monolinguals and bilinguals: Post-stroke aphasia vs. Progressive Aphasia. Organized by the International Neuropsychological Society INS Student Liaison Committee. Global Neuropsychology Conference. Porto, Portugal.

Peñaloza, C. (2023). Language learning in aphasia: Current evidence and implications for language therapy (Invited Keynote). Workshop: progress in the diagnosis and treatment of post-stroke aphasia. University of Malaga. Malaga, Spain.

Peñaloza, C. (2021). My path to a scientific career in cognitive neuroscience (virtual talk). Annual “Brain Buzz” virtual speaker series. Brown Brain Bee (student-led organization focused on neuroscience education outreach for high school students in Rhode Island) at Brown University. Providence, RI, USA.

Peñaloza, C. (2021). Developing a scientific career (round table virtual talk). Sociedad Científica de Investigación e Intervención en Psicología PSIICO [Scientific Society of Psychological Research and Intervention]. Universidad Católica Boliviana San Pablo. La Paz, Bolivia.

Peñaloza, C. (2020). Alteraciones de lenguaje y su recuperación en personas monolingües y bilingües con afasia: Hacia un modelo predictivo. [Language disorders and their recovery in monolinguals and bilinguals: Towards a predictive model] (virtual conference). Sociedad Científica de Investigación e Intervención en Psicología PSIICO [Scientific Society of Psychological Research and Intervention]. Universidad Católica Boliviana San Pablo. La Paz, Bolivia.

Peñaloza, C. (2019). Computational modeling of lexical access deficits and treatment outcomes in bilingual aphasia. Clinical forum at MultiLing, Center for Multilingualism in Society Across the Lifespan. Department of Linguistics and Scandinavian Studies, University of Oslo. Oslo, Norway.

■ CONFERENCE TALKS

Matić Škorić, A. †, Pourquié, M., Norvik, M., Kuvač Kraljević, J., Gram Simonsen, H., Martínez-Ferreiro, S., Fyndanis, V., Munarriz Ibarrola, A., Soroli, E., Pak-Hin Kong, A., Anjum, J., MK, N., Sze, W.P., Salmons, I., Gavarró, A., Rofes, A., Grima, R., Python, R., Alyahya, R. S. W., Kambanaros, M., Garraffa, M., Selvi-Balo, S., Biedermann, B., Renvall, K., Taiebina, M., Biran, M., Areej, A., Tokac-Scheffer, S. D., Ezzedine, N., Hallowell, B., Keulen, S., Goral, M., **Peñaloza, C.**, Arslan, S. (2025). Setting a research agenda for the assessment and treatment of aphasia in minority languages. Science of Aphasia Conference. Copenhagen, Denmark.

Peñaloza, C. †, Jacobs, B., Olivé, G., Rico Pons, I., Rodríguez-Fornells, A. (2025). Assessing discourse macro and micro-structural properties and their white matter neural correlates in Spanish speakers with aphasia. Science of Aphasia Conference. Copenhagen, Denmark.

Jacobs, B., Olivé, G., Rico Pons, I., Rodríguez-Fornells, A., **Peñaloza, C.** † (2025). Development of a Main Concept checklist to assess discourse informativeness in Spanish speakers with aphasia. Nordic Aphasia Conference. Uppsala, Sweden.

Cruz, L. †, Casas, L., Rico, I., Rojo, N., Gascón, J., Campdelacreu, J., Reñé, R., Cerda-Company, X., **Peñaloza, C.** (2025). Assessing the effects of bilingualism on cognition in mild cognitive impairment: A comparison of age of onset and verbal fluency between bilinguals and monolinguals. 15th International Symposium on Bilingualism. Donostia-San Sebastián, Spain.

Munarriz-Ibarrola, A. †, Pourquié, M., Alyahya, R. S. W., Anjum, J., Arslan, S., Fyndanis, V., Grima, R., Kambanaros, M., Martínez-Ferreiro, S., Taiebina, M., Norvik, M. I., **Peñaloza, C.**, Python, G., Rickard-Liow, S. J., Soroli, E., Sze, W. P. Dilara Scheffer, S. & The Multilingual Aphasia Practice (Map) Group (Collaboration of Aphasia Trialists Working Group 2) (2025). Common practices and current challenges for speech and language therapists working with multilingual people with aphasia: Results from an online international survey. Contributed ISB15 Symposium. Aphasia in multilingual individuals: research, assessment and treatment. 15th International Symposium on Bilingualism. Donostia-San Sebastián, Spain.

Russell-Meill, M.†, Carpenter, E., Marte, M., Scimeca, M., **Peñaloza, C.**, Kiran, S. (2025). Measuring therapy success in bilingual aphasia: Generalization patterns following semantic feature-based treatment. ASHA. 2024 American Speech-Language and Hearing Association Convention. Seattle, Washington, USA.

Scimeca, M. †, Carpenter, E., Marte, M. J., Russell, M., **Peñaloza, C.**, & Kiran, S. (2024). Assessing assessment in bilingual aphasia: Towards cultural-linguistic equity in clinical testing. Clinical Aphasiology Conference, Hawaii, USA.

Carpenter, E. †, Grasemann, U., Scimeca, M., Marte, M. J., Russell, M., **Peñaloza, C.**, Mikkulainen, R., & Kiran, S. A randomized control trial examining the predictive power of computational simulations on language improvement outcomes in Spanish-English bilingual adults with aphasia. Clinical Aphasiology Conference, Hawaii, USA.

Carpenter, E. †, Grasemann, U., Scimeca, M., Marte, M. J., Russell, M., **Peñaloza, C.**, Mikkulainen, R., & Kiran, S. (2024). Simulating therapy-induced recovery in bilingual aphasia via computational modeling and machine learning approaches. World Conference for Neurorehabilitation, Vancouver, Canada.

Varkanitsa, M. †, **Peñaloza, C.**, Falconer, I., Charidimou, A., Kiran, S. (2023). Brain health and aphasia recovery: The role of cerebral small vessel disease and integrity of functional networks. 61st Annual Meeting of the Academy of Aphasia, Reading, UK.

Martínez-Ferreiro, S. † & The Multilingual Aphasia Practice Group (2023). Perspectivas globales sobre formación y prácticas logopédicas con personas multilingües con afasia. XXXIII Congreso Internacional de la Asociación Española de Logopedia, Foniatría y Audiología e Iberoamericana de Fonoaudiología AELFA-IF. Santander, Spain.

Peñaloza, C.[†], Casas, L., Rico, I., Rojo, N., Gascón, J., Campdelacreu, J., Reñé, R. (2023). Is bilingualism related to delayed onset and cognitive-linguistic change in mild cognitive impairment? Evidence from verbal fluency tasks. 52nd Clinical Aphasiology Conference, Atlantic City, NJ, USA.

Peñaloza, C.[†], Grasemann, U., Dekhtyar, M., Miikkulainen, R., & Kiran, S. (2023). Lexical access in bilingual aphasia: A computational modeling approach to impairment and treatment-induced recovery. 7th Learning and Plasticity Meeting. Äkäslompola, Finland.

Peñaloza, C.[†] & Rodríguez-Fornells, A. (2023). The potential benefits of new word learning in the recovery of language functions after stroke. 7th Learning and Plasticity Meeting. Äkäslompola, Finland.

Scimeca, M.[†], Carpenter, E., Marte, M., Combs, A., Falconer, I., Gray, T., Shamapant, S., **Peñaloza, C.**, & Kiran, S. (2022). Telerehabilitation for language deficits in Spanish-English individuals with post-stroke aphasia. 12th World Congress for Neurorehabilitation Vienna, Austria.

Sze, W. P.[†], **Peñaloza, C.**, Kambanaros, M., Norvik, M. I., Arslan, S., Soroli, E., Martínez-Ferreiro, S., Pourquié, M., Munarriz-Ibarrola, A., Grima, R., Fyndanis, V., Rickard-Liow, S. J., Python, G., & The Multilingual Aphasia Practice (MAP) Group (Collaboration of Aphasia Trialists: Working Group 2) (2022). Developing an international survey to investigate the current practices and challenges faced by speech and language pathologists (SLPs) working with bi/multilingual clients with aphasia. Research Update Meeting of the British Aphasiology Society. Newcastle, England.

Abdollahi, F.[†], Scimeca, M., **Peñaloza, C.**, & Kiran, S. (2021). Confronting health disparities for Hispanic bilinguals with aphasia. American Speech-Language-Hearing Association's ASHA Convention. Washington, D.C., USA.

Scimeca, M.[†], **Peñaloza, C.**, Gaona, A., Carpenter, E., Mukadam, N., Gray, T., Shamapant, S., & Kiran, S. (2021). A telerehabilitation protocol for word retrieval impairment in bilingual aphasia: Implementation and insights. American Speech-Language-Hearing Association's ASHA Convention. Washington, D.C., USA.

Scimeca, M.[†], **Peñaloza, C.**, Kiran, S. (2021). The influence of multilevel factors on semantic-feature based naming outcomes in bilingual aphasia. 59th annual meeting of the Academy of Aphasia, Philadelphia, PA, USA.

Peñaloza, C.[†], Scimeca, M., Gaona, A., Carpenter, E., Mukadam, N., Gray, T., Shamampant, S., & Kiran, S. (2021). Assessing the effectiveness and reliability of teletherapy for word retrieval deficits in bilinguals with aphasia. British Aphasiology Society Conference. Newcastle, England.

Peñaloza, C.[†], Grasemann, U., Dekhtyar, M., Miikkulainen, R., & Kiran, S. (2018). A computational approach to healthy bilingual naming and naming impairment in aphasia. The bilingual brain: A lifelong perspective. Symposium of the 10th annual meeting of the Society for the Neurobiology of Language. Quebec, Canada.

Peñaloza, C.[†], Grasemann, U., Dekhtyar, M., Miikkulainen, R., & Kiran, S. (2018). A computational account of naming in healthy bilinguals and naming impairment in bilinguals with aphasia. 48th Clinical Aphasiology Conference, Austin, TX, USA.

Peñaloza, C.[†] (2010). The use of virtual reality to change cognitions in chronic pain patients. International forum on health care and information & communication technology. Barcelona, Spain.

Peñaloza, C.[†] (2006). Neuropsychological assessment of cognition in schizophrenia. First neuropsychology symposium in Bolivia. La Paz, Bolivia.

[†] Presenting author at conference.

■ DEPARTMENTAL TALKS

Peñaloza, C. (2019). Language recovery and prediction of treatment outcomes in people with aphasia. Neurovascular conference series, Boston Medical Center, Boston, MA, USA.

Peñaloza, C. (2018). Statistical segmentation and novel word learning in aphasia. Speech, Language, and Hearing Sciences Research Colloquium Series, Boston University. Boston, MA, USA.

Peñaloza, C., Mirman, D., Martín, N., Laine, M., & Rodríguez-Fornells, A. (2017). New word learning under referential ambiguity in aphasia. Aphasia Research Laboratory Symposium, Boston, MA, USA.

Peñaloza, C. (2016). New word learning in aphasia. Braintrain Seminar Series, Abo Akademi University, Turku, Finland.

Peñaloza, C., Cardona, P., Juncadella, M., Mirman, D., Laine, M., Martin, N., & Rodríguez-Fornells, A. (2015) Word segmentation and learning in chronic aphasia. Neurology Seminars, Hospital Universitario de Bellvitge, L' Hospitalet de Llobregat, Spain.

Peñaloza, C. (2010). TICS and disability: how far can we get? Meetings on technology and disability. Barcelona, Spain.

▪ SCIENTIFIC OUTREACH

Peñaloza, C. & Sierpowska, J. (2015). The reading brain. Conference series for the brain awareness week. L' Hospitalet de Llobregat, Spain.

▪ MEDIA COVERAGE

Peñaloza, C. (2021). Bilingual people with language loss due to stroke can pose a treatment challenge-computational modeling may help clinicians treat them. *The Conversation US* ([Link to article](#)).

▪ PARTICIPATION IN CONFERENCE ORGANIZATION AND OTHER SCHOLAR EVENTS

2025 12th Novi Sad workshop in Psycholinguistic, Neurolinguistic and Clinical Linguistic Research (PNCLR 12) Faculty of Philosophy, University of Novi Sad. Member of the Scientific Committee: Ad hoc abstract reviewer. Novi Sad, Serbia.

2025 XVII International Symposium of Psycholinguistics ISP. Member of the Scientific Committee: Reviewer of communications. Barcelona, Spain.

2024 11th Novi Sad workshop in Psycholinguistic, Neurolinguistic and Clinical Linguistic Research (PNCLR 11) Faculty of Philosophy, University of Novi Sad. Member of the Scientific Committee: Ad hoc abstract reviewer. Novi Sad, Serbia.

2022 Collaboration of Aphasia Trialists Virtual Events. Co-chair of the Early Stage Researcher- Junior Stage Researcher (ESR-JSR) Discussion Forum. Virtual meeting.

International Neuropsychological Society Mid-year conference. Co-chair of the Hispanic Neuropsychological Society HNS-sponsored symposium: Across cultures and languages: neuropsychological assessment of patients with focal and neurodegenerative disease. Barcelona, Spain.

2021 American Speech, Language and Hearing Association ASHA Annual Convention. Member of the Language Disorders in Adults Topic Committee. Washington, DC, United States.

2nd Latino's and Alzheimer's Symposium: Addressing disparities in risk, early detection and care. Moderator of session: Strategies for care and support. Alzheimer's Association. Boston, MA, United States.

▪ CONFERENCE POSTERS

Calvo, L.[†], Feixas, G., Narváez, J. F., Rico Pons I., Castañeda C., Paipa, A., **Peñaloza, C.** (2025). A brief immersive training intervention to facilitate self-knowledge and identity reconstruction after acquired brain injury: A case study. Organization for Psychological Research into Stroke-OPSYRIS Annual Meeting. The University of Manchester. Manchester, UK. [Travel Award].

Peñaloza, C.[†], Varkanitsa, M., Charidimou, A., Roukens, V., Dacosta-Aguayo, V., Bermudo-Gallaget, A., Erickson, K.I., Mataró, M. The moderating role of cerebral small vessel disease on the association between lifestyle and emotional wellbeing in healthy adults. 78a Jornada de Primavera de la Societat Catalana de Neuropsicologia SCNPS: Neuropsicologia al llarg del cicle vital. Barcelona, Spain.

Montuori, M.[†], Escoté, A., Villanueva, A., Rico Pons, I., Paipa, A., **Peñaloza, C.** (2025). Anomia treatment targeting cognate words: Evidence from two bilingual people with aphasia. 78a Jornada de Primavera de la Societat Catalana de Neuropsicologia SCNPS: Neuropsicologia al llarg del cicle vital. Barcelona, Spain.

Calvo, L.[†], Feixas, G., Narváez, J. F., Rico Pons I., Castañeda C., Paipa, A., **Peñaloza, C.** (2025). Identity-focused immersive training to promote self-knowledge and identity reconstruction in acquired brain injury: Evidence from a case study. 78a Jornada de Primavera de la Societat Catalana de Neuropsicologia SCNPS: Neuropsicologia al llarg del cicle vital. Barcelona, Spain.

- Hjerling, J.[†], Lehtonen, M., **Peñaloza, C.**, Front, J., Haukkasalo, O., Junnila, K., Nora, R., Ylinen, J., Renvall, K. (2025). The effects of Verb Network Strengthening Treatment (VNeST) on treated verbs in four Finnish speakers with mild aphasia. Nordic Aphasia Conference. Uppsala, Sweden.
- Jacobs, B., Olivé, G., Rico Pons, I., Rodríguez-Fornells, A., **Peñaloza, C.**[†] (2025). Discourse informativeness in Spanish-speakers with chronic post-stroke aphasia. XVII International Symposium of Psycholinguistics. Barcelona, Spain.
- Brady, M.[†], Breitenstein, C., Martinez-Ferreiro, S., Dipper, L., Wallace, S. J., **Peñaloza, C.**, McMenamin, R., on behalf of the CATs Executive Committee (2024). The Collaboration of Aphasia Trialists: 10 years of challenges and achievements. 7th International Clinical Trials Methodology Conference (ICTMC) Edinburg, UK.
- Varkanitsa, M.[†], Mancini, S., Calabria, M., **Peñaloza, C.**, Wagner Rodriguez, C., Marques-Kiderle, S., Filella-Merce, J., Garcia-Hernandez, E., Rubio-Guerra, S., Selma, J., Garcia-Castro, J., Illán-Gala, I., Alcolea, D., Fortea, J., Lleó, A., Grasso, S., Santos-Santos, M.A. (2024). The Sant Pau Sentence Elicitation Task: A new tool to assess sentence production deficits in Spanish-speaking patients with Primary Progressive Aphasia. Academy of Aphasia. Nara, Japan.
- Russell-Meill, M. [†], Carpenter, E., Marte, M., Scimeca, M., **Peñaloza, C.**, Kiran, S. (2024). Assessing near and far transfer effects in bilingual aphasia following semantic feature-based treatment. Academy of Aphasia. Nara, Japan.
- Olivé, G., Cardona, G., Porto, M. F., Gerloff, A., Marques-Kiderle, S., Filella-Merce, J., Sala, I., Sánchez-Saudinós, M.B., Vaquero, L., **Peñaloza, C.**, Grasso, S., Bejanin, A., Illan-Gala, I., Fortea, J., Lleó, A., Gorno-Tempini, M. L., Rodríguez-Fornells, A., Santos-Santos, M. A. [†] (2024). Impaired word learning in Primary Progressive Aphasia. 2024 International Society for frontotemporal dementias (ISFTD). Amsterdam, The Netherlands.
- Varkanitsa, M., Mancini, S., Calabria, M., **Peñaloza, C.**, Wagner Rodriguez, C., Marques-Kiderle, S., Filella-Merce, J., Garcia-Hernandez, E., Rubio-Guerra, S., Selma, J., Garcia-Castro, J., Illán-Gala, I., Alcolea, D., Fortea, J., Lleó, A., Grasso, S., Santos-Santos, M.A.[†] (2024). Evaluation of sentence production in Spanish speakers with Primary Progressive Aphasia. International Society for frontotemporal dementias (ISFTD). Amsterdam, The Netherlands.
- Peñaloza, C.**[†], Varkanitsa, M., Charidimou, A., Dacosta-Aguayo, R., Erickson, K. I., & Mataró, M. (2024). Enlarged perivascular spaces: A neural biomarker moderating the association between cardiorespiratory fitness and cognition in neurotypical older adults. Global Neuropsychology Congress. Porto, Portugal.
- Taiebine, M.[†], Seckin, A., Norvik, M., **Peñaloza, C.**, Martínez-Ferreiro, S., Kambanaros, M., Fyndanis, V., Pourquié, M., Soroli, E., Munarriz-Ibarrola, A., Python, G., Grima, R., Ping, W., Alyahya, R., Tokaç-Scheffer, S., Javad, A and Multilingual Aphasia Practice (MAP) Group (CATs WG2) (2024). MAPping speech language therapists'/pathologists' (SLT/SLP) common practices with multilingual people with aphasia (mpwa) across the globe: Preliminary findings from an international web survey. Global Neuropsychology Congress. Porto, Portugal.
- Contreras, F.[†], Navarra, J., Elvira-García, W., Sierpowska, J., Rico, I., Paipa, A., **Peñaloza, C.** (2024). Comprehensive characterization of Foreign Accent Syndrome in a Catalan-Spanish bilingual speaker: A single case study. VII International Conference on Clinical Linguistics CILC 2024. Salamanca, Spain.
- Peñaloza, C.**[†], Sierpowska, J., Piai, V. (2023). Which language domains are assessed the most often in the first year after brain tumor surgery in Europe? Towards a (Neuro)psychological Toolbox for Brain Surgery Aftercare. 15th Annual meeting of the Society for the Neurobiology of Language, Marseille, France.
- Olivé Cadena, G. [†], Porto, M. F., Cardona, G., Gerloff, A., Marques-Kiderle, S., Vaquero, L., **Peñaloza, C.**, Illan-Gala, I., Lleó, A., Santos-Santos, M. A., Rodríguez-Fornells, A. (2023). Differences in word learning ability and subsequent memory performance between Primary Progressive Aphasia variants. 15th Annual meeting of the Society for the Neurobiology of Language, Marseille, France.
- Tessaro, B., Hameau, S., Brownsett, S., Simic, T., Nickels, L., Gilmore, N., **Peñaloza, C.**, Robson, H., & Salis, C.[†] (2023). Assessing cognition in aphasia: Defining the why, how and by whom from a multidisciplinary perspective. 61st Annual Meeting of the Academy of Aphasia, Reading, UK.
- Carpenter, E. A.[†], Marte, M., J., Scimeca, M., Russell, M., Falconer, I., **Peñaloza, C.**, Kiran, S. (2023). Factors influencing language impairment in bilingual aphasia. 61st Annual Meeting of the Academy of Aphasia, Reading, UK.

- Marte, M. J.[†], Carpenter, E. C., Scimeca, M., Russell, M., Falconer, I. B. **Peñaloza, C.**, Kiran, S. (2023). Predicting treatment responsiveness in bilingual aphasia: The role of dual language information. 61st Annual Meeting of the Academy of Aphasia, Reading, UK.
- Blankenheim, S.[†], **Peñaloza, C.**, Kiran, S., Varkanitsa, M. (2023). Semantic processing in bilingual people with aphasia: An eye-tracking study looking at semantic facilitation and interference. 61st Annual Meeting of the Academy of Aphasia, Reading, UK.
- Tessaro, B., Hameau, S.[†], Brownsett, S., Simic, T., Nickels, L., Gilmore, N., **Peñaloza, C.**, Robson, H., & Salis, C. (2023). Assessment of cognition in aphasia: An e-survey on conceptions, practices, and challenges. Science of Aphasia Conference 2023, Nice, France.
- Pourquié, M., Arslan, S., Dilara Tokaç-Scheffer, S., Grima, R., Fyndanis, V.[†], Kambanaros, M., Martínez-Ferreiro, S., Munarriz-Ibarrola, A., Norvik, M. I., **Peñaloza, C.**, Python, G., Soroli, E., Sze, W. P., Taiebine, M. & The Multilingual Aphasia Practice (MAP) Group. (2023). Global perspectives on speech and language therapy training and practices for multilingual people with aphasia. AMLAP Conference: Architectures and Mechanisms for Language Processing, San Sebastián, Spain.
- Arslan, S.[†], Fyndanis, V., Grima, R., Kambanaros, M., Martínez-Ferreiro, S., Munarriz-Ibarrola, A., Norvik, M. I., **Peñaloza, C.**, Pourquié, M., Python, G., Soroli, E., Sze, W. P., & The Multilingual Aphasia Practice (MAP) Group (2023). Insights from the Multilingual Aphasia Practices (MAP) survey on common practices and challenges for speech-language therapists working with multilingual speakers with aphasia. International Symposium on Bilingualism, ISB14, Sydney, Australia.
- Casas, L.[†], Rico, I., Cerda Company, X., Rojo, N., Gascón, J., Campdelacreu, J., Reñé, R., **Peñaloza, C.** (2023). Fluencia verbal en monolingües y bilingües con DCL: Un estudio comparativo longitudinal [Verbal fluency in monolinguals and bilinguals with mild cognitive impairment: A comparative longitudinal study]. XIV Congreso Nacional Neuropsicología – La Neuropsicología en la Sociedad: Avances e Innovación [XIV National Congress on Neuropsychology - Neuropsychology in Society: Advances and Innovation], 2023, Madrid, Spain.
- Peñaloza, C.**[†], Casas, L., Rico, I., Rojo, N., Gascón, J., Campdelacreu, J., Reñé, R. (2023). Longitudinal examination of the effects of bilingualism on MCI: Evidence from verbal fluency tasks. 8th Nordic Aphasia Conference: Comprehensive Aphasia Treatment: From Theory to Practice. Reykjavik, Iceland.
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▪ **LANGUAGES**

Spanish: native fluency.

English: TOEFL-IBT certificate of proficiency (Educational Testing Service ETS). Certificate of proficiency in the English language (Centro Boliviano Americano).

Catalan: Certificat de Nivell de Suficiència de Català C1 (Consorci per a la Normalització Lingüística).