VICTORIA CANO-SÁNCHEZ

victoria.cano@uib.cat / vcs.canosanchez@gmail.com

Last updated: January, 2026

ACADEMIC EMPLOYMENT

Post-doctoral fellow: **Universitat de les Illes Balears, UIB** (2025 — present)
BASLA Linguistics Research Group
Spanish, Modern and Classical Philology Department.

EDUCATION

Ph.D.:   **University of the Basque Country, Spain** (2020-2025)
International Ph.D. in Linguistics.
Supervisors: Dr. Mikel Santesteban and Prof. Itziar Laka.
Dissertation: *Age-related differences in language processing: Eye-tracking sentence reading patterns in Spanish. —* (*Cum Laude).*

M.Sc.:   **University of the Basque Country (UPV/EHU), Spain**
Theoretical and Experimental Linguistics.
Thesis: *On the interaction between syntax, semantics and working memory during sentence processing: an eye-tracking study. —* (Honors, 2019).

B.A.:   **University of Málaga (UMA), Spain**
Translation and Interpreting Studies. — (Honors, 2016).

OTHER ACADEMIC DEGREES

M.A.:   **University of Córdoba (UCO), Spain**
Specialization in: Legal Translation.
Current GPA: Honors (average grade). All coursework completed.
Thesis: in progress. Expected completion: June 2026.

M.A.:   **University of Alicante (UA), Spain**
Teacher Training for Compulsory Secondary Education,
Baccalaureate, Vocational Training and Language Instruction. — (Honors, 2017).

Prof. Music Studies: Conservatory "Guitarrista José Tomás" of Alicante, Spain
Specialization: clarinet major; piano complementary.
3/6 years completed. Years attended: 2006-2010.

Elem. Music Studies: Conservatory "Guitarrista José Tomás" of Alicante, Spain
Specialization: clarinet. 4/4 years completed. Years attended: 2002-2006.

PRE DOCTORAL RESEARCH STAYS

Sept–Oct.2024: Universitat Oberta de Catalunya: Health Sciences department (Barcelone, Spain).
Oct.–Dec.2022: Institut für Romanische Sprachen und Literaturen: Romance Lab, Goethe University (Frankfurt, Germany).
Sept–Oct.2022: Potsdam Research Institute for Multilingualism, University of Potsdam (Berlin, Germany).

AWARDS AND SCHOLARSHIPS

2025:   Recipient of the AJL Conference Travel Grant for the 39th AJL Conference (€150).
2025:   Selected on a competitive basis for the participation in the 8th edition of the ILCB Summer School. *Institute of Language, Communication and the Brain,* Aix-Marseille University.
2023:   Best talk in the Arts and Humanities area award at the International Multidisciplinary Symposium for Ph.D. Students (CIMED) at San Cristóbal de La Laguna, Tenerife (Spain) (€120).
2022:   Academic Excellence Scholarship for Master Studies at the University of Córdoba (UCO), Spain: Awarded a 99% tuition waiver for outstanding master's performance. Regional Government of Andalusia, Spain (€889).
2019-2025: Ph.D. fellowship (FPI; PRE2019-0896691)-(€60,500), Ministry of Science, Innovation and Universities (Spain). Includes: additional independent funding for national/international research stays (€6,250).
2017-2018: Teaching assistant fellowship (Tours, France), Ministry of Science, Innovation and Universities (Spain).
2016-2017: Mobility Program *Single Call* fellowship (Asia-Oceania, Ibero-America and North America) from the University of Málaga. Destination: University of Calgary, Canada (granted; declined).
2014-2015: Erasmus + fellowship (Brussels, Belgium), European Union.

MANUSCRIPTS AND PUBLICATIONS

3. **Cano-Sánchez, V.**, Laka, I., Foucart, A. & Santesteban, M. (*in prep.).* Word anticipation across the lifespan: evidence from natural reading.

2. Benaiges-Saura, K.*, **Cano-Sánchez, V.*** & Santesteban, M. (*under review*). Prediction in Basque-Spanish bilinguals: Eye tracking evidence and working memory effects across typological distance. *co-authorship; same degree of contribution. *Bilingualism: Language and Cognition.*

1. **Cano-Sánchez, V.,** Laka, I. & Santesteban, M. (*under review*).Lexical strength, syntactic strain: Predictive processing in healthy aging. *Journal of Language, Cognition and Neuroscience.*

CONFERENCE PRESENTATIONS

18. **Cano-Sánchez, V.,** Laka, I., Foucart, A. & Santesteban, M. (2025). Eye-tracking the aging mind: predictive processing and cognitive decline. Talk at the *XXXIX Asociación de Jóvenes Lingüistas* (AJL), Vitoria-Gasteiz, (Basque Country), 1st-3rd October 2025.

17. **Cano-Sánchez, V.,** Laka, I., Foucart, A. & Santesteban, M. (2025). Real time word anticipation across the lifespan: age-related differences. Poster at the *17th Annual Meeting of the Society for the Neurobiology of Language (SNL)*, Washington (EE.UU), 12th-14th September 2025.

16. Santesteban, M., Laka, I., Foucart, A. & **Cano-Sánchez, V.** (2025). Exploring predictive processing and cognitive decline in aging: an eye-tracking approach. Talk at the *XVII Symposium of Psycholinguistics (ISP),* Barcelone (Spain), 26th -28th May 2025.

15. **Cano-Sánchez, V.,** Laka, I., Foucart, A., & Santesteban, M. (2025). Eye-tracking predictive processing and cognitive decline. Poster at the *38th Annual Conference on Human Sentence Processing (HSP),* Maryland (EE.UU), 27th-29th March 2025.

14. **Cano-Sánchez, V.,** Laka, I., & Santesteban, M. (2025). Agreement attraction and cognitive load in the aging-brain: eye-tracking evidence from Spanish. Poster at the *38th Annual Conference on Human Sentence Processing (HSP),* Maryland (EE.UU), 27th-29th March 2025.

13. **Cano-Sánchez, V.**, Laka, I., & Santesteban, M. (2025). Age-related vulnerability and cognitive load on agreement errors: insights from an eye-tracking study in Spanish. Talk at the *LIII Simposium de la Sociedad Española de Lingüística (SEL 2025)*, Salamanca, Castilla y León (Spain), 2oth-23rd January 2025.

12. **Cano-Sánchez, V.**, Laka, I., Reifegerste, J. & Santesteban, M. (2024). Age-related differences in agreement processing: insights from an eye-tracking study. Talk at the *AMLaP-Asia* conference, Singapore (Asia), 5th-7th December 2024.

11. **Cano-Sánchez, V.**, Laka, I., y Santesteban, M. (2024). Age-related decline in agreement resolution: an eye-tracking study in Spanish. Talk at the *Sociedad Española de Psicología Experimental (SEPEX),* Almería, Andalucía (Spain), 23rd-25th October 2024.

10. **Cano-Sánchez, V.,** Laka, I., Lago, S., Reifegerste, J. & Santesteban, M. (2024). Aging increases agreement errors: eye-tracking older and younger adults. Poster at the *Architectures and Mechanisms of Language Processing* (AMLaP), Edinburgh (Scotland), 5th-7th September 2024.

9. **Cano-Sánchez, V.,** Laka, I. & Santesteban, M. (2024). Aging effects in prediction and agreement processing. Talk at the *Workshop on Language processing in Aging,* Vitoria-Gasteiz, Basque Country, 23rd May 2024.

8. **Cano-Sánchez, V.**, Laka, I., Lago, S., Reifegerste, J. & Santesteban, M. (2023). Eyetracking agreement and attraction effects in the aging brain: A Subject-verb agreement comprehension study in Spanish. Poster at the *XVI International Symposium of Psycholinguistics (ISP),* Vitoria-Gasteiz, Basque Country, 31st-2nd June 2023.

7. **Cano-Sánchez, V.**, Laka, I. & Santesteban, M. (2023). Eye tracking agreement processing and attraction errorsin aging: A Subject-Verb agreement study in Spanish. Talk at *the International Multidisciplinary Symposium for PhD Students (CIMED)*, San Cristóbal de La Laguna, Tenerife (Spain), 22nd-24th March 2023.

6. **Cano-Sánchez, V.**, Laka, I., Lago, S., Reifegerste, J. & Santesteban, M. (2022). Eye tracking subject-verb agreement attraction errors in the bilingual aging brain. Poster at the *Workshop on L2 Sentence and Discourse Processing*, Cologne (Germany) 18th November 2022.

5. **Cano-Sánchez, V.**, Laka, I. & Santesteban, M. (2021). Eyetracking prediction and ungrammaticality detection in the healthy aging brain. Talk at the *Architectures and Mechanisms of Language Processing (AMLaP)*, Paris (France), 2nd-4th September 2021.

4. **Cano-Sánchez, V.**, Laka, I. & Santesteban, M. (2021). Predictability in the healthy aging brain: an eye-tracking study of sentence comprehension in older adult Spanish speakers. Poster at the *XV International Symposium of Psycholinguistics (ISP)*, Madrid (Spain), 22nd-25th June 2021.

3. **Cano-Sánchez, V.**, Laka, I. & Santesteban, M. (2021) Prediction and ungrammaticality detection: Young vs. old adults. Talk at the *International Online Workshop on Language in Healthy and Pathological Aging (Agelang),* online, 29th-30th April 2021.

2. **Cano-Sánchez, V.** & Santesteban, M. (2020). Eye tracking syntax, semantics and working memory during sentence processing. Poster at the *Cross-Language Interplay in a Bilingual Mind and Erasmus I-Brain event*, Moscow (Russia) 10th-12th December 2020.

1. **Cano-Sánchez, V.** & Santesteban, M (2019). On the interaction between syntax, semantics and working memory during sentence processing: An eye tracking study. Poster at the *6th Summer School on Bi- and Multilingualism*, Barcelone (Spain) 17th-20th, September 2019.

NATIONAL AND INTERNATIONAL SEMINARS (INVITED TALKS)

13. *Colloquium speaker.* The Brain Tracking Lab. Penn State University, EE.UU. (2026, January).
12. *Colloquium speaker.* Psycholinguistics of Mono- and Multilingualism Lab (PoMMLAb). University of Southern California (USC), EE.UU. (2025, November).
11. *Colloquium speaker.* Laboratory of Aging Bilingual (LAB). Psychiatry Department. University of California, San Diego (USCD), EE.UU. (2025, November).
10. *Colloquium speaker.* Bilingualism and Second Language Acquisition Lab (BASLA). University of the Balearic Islands (UIB), Spain. (2025, October).
9. *Colloquium speaker. Talks on Formal Linguistics: HiiT SemLing.* Vitoria-Gasteiz, Basque Country. (2025, October).
8. *Colloquium speaker.* Iker UMR5478. "Centre de Recherche sur la langue et les textes basques". Bayonne, France. (2025, July).
7. *Colloquium speaker*. *NeuroADaS Lab seminar series, eHealth Center: Health Sciences department.* Universitat Oberta de Catalunya. Barcelone, Spain. (2024, October).
6. *Colloquium speaker. GRECIL Lab seminar series, eHealth Center: Health Sciences department.* Universitat Oberta de Catalunya. Barcelone, Spain. (2024, October).
5. *Colloquium speaker. Linguistics department: Permanent linguistics seminar series.* University of Málaga, Málaga, Spain. (2024, April).
4. *Invited speaker. Linguistics department: Senior Learning Center seminar series.* University of Málaga, Spain. (2024, April).
3. *Colloquium speaker. Gogo Elebiduna Research Group seminar series: Lifelong Learning Program for Seniors.* University of the Basque Country, Guipúzcoa, Spain. (2022, April).
2. *Colloquium speaker. Psycholinguistics colloquium.* Institut für Romanische Sprachen und Literaturen, Goethe University, Frankfurt, Germany. (2022, December).
1. *Colloquium speaker. Gogo Elebiduna Research Group seminar series* (regular seminars). Vitoria-Gasteiz, Basque Country. (September 2020-July 2025).

TEACHING

2025-2026: Spanish instructor, International Center for Spanish Studies (CIEE) from the UIB.
Spring 2023: Psycholinguistics teaching adjunct lecturer, University of the Basque Country (UPV/EHU).
2017-2018: Spanish teaching assistant, Ministry of Education, France.

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

2025–present Member, Spanish Society of Linguistics (SEL).

2024–present Member, Spanish Society of Young Linguistics (AJL).

2024–present Member, Society for Neurobiology of Language (SNL).

2024–present Member, Spanish Society of Experimental Psychology (SEPEX).

2024–2025 Member, International Society to Advance Alzheimer's Research and Treatment (ISTAART).

2021–2023 Member, Albert Costa Network on the effects of the foreign language related to acculturation (ACELERA).

ADVISING AND MENTORING

Undergraduate thesis

2025-2026   Gemma Salmerón Pardillo (co-supervised with Prof. Pedro Guijarro-Fuentes; UIB collaboration grant in Linguistics).

ACADEMIC SERVICE

a) Ad hoc journal reviewer: Journal of Cognition (2023).

b) Conference reviewer: International Symposium of Psycholinguistics (2023); 1st Workshop on Language Processing in Aging (2024); Human Sentence Processing, HSP (2026).

c) Conference organization:
XVI International Symposium of Psycholinguistics (2023); Workshop on Language Processing in Aging (2024); Spanish Young Linguists Association (AJL, because of its Spanish acronym *Asociación de Jóvenes Lingüistas*) (2025); Assisted in the organization of NOCropDeP 2025 conference, (UIB).

d) Scientific committee:
XVI International Symposium of Psycholinguistics (2023); 1st Workshop on Language Processing in Aging (2024).

e) Academic evaluation and Quality Assurance:
DELE (Official Spanish Language Exams of the Instituto Cervantes): supervisor (2025); European evaluator for QA of Joint Programs: Spanish evaluator of the ANECA-VERIFICA & ANECA-MONITOR programs - Arts & Humanities committee (2025); Spanish national evaluator of the ANECA-ACREDITA programs (2022).

SCIENTIFIC OUTREACH

2025:   Article published at *Archiletras: Journal of Language*. Bi-monthly scientific magazine (available here in Spanish).

2025:   Opinion article. *Alicante plaza*. "El idioma secreto del cerebro adulto: ¿anticipamos el lenguaje en la vejez? (Available here in Spanish).

2024:   Participation in the 2024 edition of the *Bilingual Mind* and *She Mentoring* physical stands for *The Week of Science, Technology and Innovation* organized by the University of the Basque Country.

2024:   "Unlocking the adult brain: a *look* at that predictive machine" outreach talk at *The Week of Science, Technology and Innovation* (zientzia club-monologue) organized by the University of the Basque Country (Spain) (available here in Spanish).

2024:   Participation in the online edition of the *She Mentoring* campaign at *The European Researchers' Night.*

2023:   Participation in the 2023 edition of the *Bilingual Mind* and *She Mentoring* physical stands for *The Week of Science, Technology and Innovation* organized by the University of the Basque Country.

2023:   Finalist at the *3 minutes thesis* competition at *The Science Week* of the Nebrija University, Madrid, (available here in Spanish. Minute: 46:27 onwards).

2023:   "The aging brain: a *predictive machine* with "gains and losses" outreach talk at *The Week of Science, Technology and Innovation* organized by the University of the Basque Country, Basque Country (Spain).

2023:   Talk at the III Doctoral Conference of the UPV/EHU-Sustainable Development Goals (SDGs)_EHU Agenda-Planeta i3 Group.

2023:   Cano-Sánchez, V. & Fuente-García, P. (2023). Can older adults anticipate words *better* than

younger adults? (outreach article). *Mapping Ignorance*, Basque Country (Spain) (available here in English).

2023: Fuente-García, P. & Cano-Sánchez, V. (2023) Bilingualism and cognitive reserve: unlocking the benefits of multilingualism (outreach article). *Mapping Ignorance*, Basque Country (Spain) (available here in English).

2022: "Female scientists you could run into the street" outreach video for the *She Mentoring* campaign at *The Week of Science, Technology and Innovation* organized by the University of the Basque Country (available here in Spanish).

2021: "The stroop effect" outreach video for *The Week of Science, Technology and Innovation* organized by the University of the Basque Country (available here in Spanish).

MEDIA COVERAGE

2026: Article published at *Mujeres ConCiencia*. Magazine *Cátedra de Cultura científica* from the UPV/EHU University (available here in Spanish).

2025: Article published at the local newspaper *Diario Información* (Alicante, Spain): "The *myth* of growing older" (available here in Spanish).

2025: Article published at the local newspaper *La Verdad* (Murcia, Spain): "The memory of Cristóbal, so-known as 'Caíllo', inspires his granddaugther's dissertation" (available here in Spanish).

2025: Interview at radio esRADIO Valencia: "Language processing" (available here in Spanish).

2025: Radio interview at RADIO EUSKADI "La mecánica del caracol: Lenguaje y envejecimiento" (available here in Spanish. Min: 24.16)

2025: Radio interview at ONDA CERO Bizkaia, "Más de uno" (available here in Spanish. Min: 11:54-18:08).

2024: Interview on *Senior Class* magazine. Coverage page of the outreach article: How does our brain age? Magazine Nº 5, Spring, 2024.

2023: Radio interview at ONDA CERO Vitoria, *La Brújula de Euskadi* (available here in Spanish. Min: 4 onwards).

ADDITIONAL ACADEMIC TRAINING (SELECTION)

2025: EEG workshop by Dr. Royle (Université de Montréal) and Dr. Steinhauer (McGill University), UIB.

2025: 8th edition of the ILCB Summer School. Aix- Marseille University.

2025: Workshop on Bayesian Statistics. *Iker UMR5478 Research Center,* Bayonne, France.

2025: Statistics for linguists: Mixed-effects Models. University of the Basque Country (UPV/EHU).

2024: Summer school "Methods in Language Science". Expert track: Categorical & Multivariate data analysis with R, University of Ghent.

2024: Symposium: How we learn our first language(s). *Iker UMR5478 Research Center,* Bayonne, France.

2023: Eye-tracking and Advanced eye-tracking summer school (STEM), University of Lisbon.

2022: Eye-tracking methods course, University of the Basque Country (UPV/EHU).

2020: Quantitative methods for behavioral research, University of the Basque Country (UPV/EHU).

2019: 6th Barcelona Summer School on Bilingualism and Multilingualism, Pompeu Fabra University.

TECHNICAL SKILLS

Programming: Excel, Word, Adobe (Illustrator, InDesign), R (R Markdown), E-Prime, Experiment Builder, Tobii studio.
Data acquisition and analysis: Praat, Checkvocal, Eye-tracking, behavioral methods, EEG (basic notions).
Online experiments: (PennController) IbexFarm, Gorilla.
Working knowledge: Python, MATLAB, LaTeX.

LANGUAGES

Catalan/Spanish: Native speaker. **English/French:** C1 (CAE, Cambridge & DALF, Alliance Française).
Italian: C1 (CELI 4, Università di Perugia). **German:** basic notions (A2). **Basque**: beginner-currently enrolled (AEK). **Teaching Qualification for Instruction in Catalan (**CCEV/Order 17/2013, DOCV 7006/18.04.2013) - successful completion of professional training modules for teaching in Catalan in multilingual educational settings.

PARTICIPATION IN FINANCED RESEARCH PROJECTS

2022-2026 **Language attrition and final acquisition state, PID 2021-122127NB-100 (Researcher; 75.867€)**
Funding agency: Ministry of Science, Innovation and Universities, Spain.
Principal investigator: Prof. Pedro Guijarro-Fuentes.

2022-2025 **Cross-linguistic influence in language learning, processing and aging (CROSSLANGUAGING), PID2021-124056NB-100 (Research group member; 51.424€)**
Funding Agency: Ministry of Science, Innovation and Universities, Spain.
Principal investigators: Dr.Mikel Santesteban & Dr.Kepa Erdozia.

2022- 2025 **The Bilingual Mind IT1439-22 (Research group member; 173.000€)**
Funding Agency: Department of Education, Universities and Science, Basque Government.
Principal investigator: Prof. Itziar Laka Mugarza.

2019-2021 **Cross-Ling**: **Cross-linguistic activation effects in bilingual language processing and learning, PGC2018-097970-B-I00 (FPI fellowship researcher; 60.500€)**
Funding Agency*:* Ministry of Science, Innovation and Universities, Spain.
Principal Investigators: Dr.Kepa Erdozia & Dr.Mikel Santesteban*.*

2019-2021 **The Bilingual Mind IT1169-19 (Research group member; 202.300€).**
Funding Agency: Department of Education, Universities and Science, Basque Government.
Principal investigator: Prof. Itziar Laka Mugarza.