

# Esti Blanco-Elorrieta

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Updated: January, 2024

## ACADEMIC EMPLOYMENT

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- Assistant Professor:** **New York University** (2023 - )  
Department of Psychology  
Department of Neural Science
- Post-doctoral fellow:** **Harvard University** (2020 – 2023)  
Cognitive Neuropsychology Lab (PI: Alfonso Caramazza)  
Department of Psychology

## EDUCATION

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- Ph.D.:** **New York University** (2015 – 2020)  
Psychology (Supervisor: Liina Pykkänen)  
Thesis: *Towards an ecologically valid neuroscience of bilingualism.*
- Harvard University** (research fellow, 2018 – 2019)  
Psychology (Supervisor: Alfonso Caramazza)
- M.Sc.:** **Basque Center on Cognition, Brain and Language** (Honors, 2013)  
Cognitive Neuroscience of language.
- B.A.:** **University of Deusto** (Honors, 2012)  
Basque philology and Linguistics

## AWARDS AND SCHOLARSHIPS

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- 2021:** Glushko dissertation award: Cognitive Science Society.
- 2021:** NYU-wide Outstanding dissertation award in the basic sciences.
- 2021:** Graduate School of Arts and Sciences: Outstanding dissertation award.
- 2020:** Ben Barres fellowship for post-doctoral research.
- 2020:** Coons/Leibowitz graduate student teaching award.
- 2019:** Forbes 30 under 30 in Science.
- 2019:** Martin Braine Fellowship in Psychology.
- 2018:** Dingwall Foundation Award in the Cognitive, Clinical, and Neural Foundations of Language.
- 2018:** New York University: Dean's Student Travel Award.
- 2017:** Society of the Neurobiology of Language: Predoctoral fellow merit award.
- 2017:** Woodcock Institute Award for the advancement of neurocognitive research.
- 2016:** Helmsley Fellowship for cross-disciplinary research.
- 2016:** New York University: Dean's Student Travel Award.
- 2015:** Neurobiology of Language Conference: Travel Award.
- 2015:** New York University: MacCracken Fellowship for doctoral studies.
- 2014:** La Caixa Foundation: fellowship for graduate studies in North America (4% success rate).
- 2012:** BCBL: academic scholarship (awarded to the 5% most promising incoming students).

- 2011:** Basque Government fellowship for undergraduate research projects.  
**2010:** University of Deusto: Dean's fellowship for undergraduate research projects.  
**2008:** Basque Government: Distinguished Academic scholarship (top 1% students graduating high school in the country).

## FUNDING

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### **Influence of multilingualism on brain plasticity and development (\$27,140)**

**Funding Agency:** NYU (type: Mega-grants initiative award)

**Award Period:** January 2024 - January 2025 // **Role:** PI

### **Language-specific and language-general mechanisms in bilingual aphasic individuals (\$1,003,338)**

**Funding Agency:** NIH/NIDCD (type: K99/R00, 1K99DC019973-01)

**Award Period:** June 2022 - May 2027 // **Role:** PI

### **ATOM (Adaptations to Multilingualism) (68.365,00 €).**

**Funding Agency:** Ministry of Science (type: PID2021-124399NA-I00).

**Award Period:** September 2022 – September 2025 // **Role:** Advisory team

## MANUSCRIPTS AND PUBLICATIONS

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21. Baus, C., Millan, I., Chen, X. J., & **Blanco-Elorrieta, E.** (2024). Exploring Language Comprehension through Cortical Tracking: the bilingual test case. *Neurobiology of Language*, 1-28.
20. Abdullah, L., Valdez, D., **Blanco-Elorrieta, E.**, (2023). ¿Cómo qué, cómo qué? cómo qué? Single-language echolalia in a bilingual female with Progressive Supranuclear Palsy: A case report. *Archives of Clinical Neuropsychology*, 38(7), 1482-1482.
19. Zhu, J., **Blanco-Elorrieta, E.**, Sun, Y., Szakay, A., & Sowman, P. (2022). Natural vs. forced language switching: free selection and consistent choices eliminate significant performance costs and cognitive demands in the brain. *NeuroImage*, 247, 188797.
18. **Blanco-Elorrieta, E.\***, Hauptman, M.\*, & Pylkkänen, L. (2021). Inflection across categories: Tracking abstract morphological processing in language production with MEG. *Cerebral Cortex*, 309.
17. **Blanco-Elorrieta, E.** & Caramazza, A. (2021). On the need of theoretically guided approaches to possible bilingual advantages: an evaluation of the potential loci in the language and executive control systems. *Neurobiology of Language*, 1-16.
16. Honari-Jahromi, M., Chouinard, B., Fyshe, A., **Blanco-Elorrieta, E.**, & Pylkkänen, L. (2021). Neural representation of words within phrases: Temporal evolution of color-adjectives and object-nouns during simple composition. *Plos One*, 16(3), e0242754.
15. **Blanco-Elorrieta, E.** & Caramazza, A. (2021). A common selection mechanism at each linguistic level in bilingual and monolingual language production. *Cognition*, 104625.

14. **Blanco-Elorrieta, E\*.,** Gwilliams, L\*., Marantz, A., & Pylkkänen, L. (2020). Adaptation to mis-pronounced speech: evidence for a prefrontal-cortex repair mechanism. *Nature Scientific Reports*, 11, 97.
13. **Blanco-Elorrieta, E.,** Ding, N., Pylkkänen, L., & Poeppel, D. (2020). Understanding requires tracking: Noise and knowledge interact in bilingual language comprehension. *Journal of Cognitive Neuroscience*. 32(10), 1975-1983.
12. Liu, H., Zhang, Y., **Blanco-Elorrieta, E.,** Hea, Y., Chen, B. (2019). Role of proactive control on subcomponents of language control: Evidence from trilinguals. *Cognition*, 194, 104055.
11. **Blanco-Elorrieta, E.,** & Pylkkänen, L. (2018). Ecological validity in bilingualism research and the bilingual advantage. *Trends in Cognitive Sciences*, 22(12), 1117-1126
10. **Blanco-Elorrieta, E.,** Emmorey, K., & Pylkkänen, L. (2018). Language switching decomposed through MEG and evidence from bimodal bilinguals. *Proceedings of the National Academy of Sciences*, 115(39), 9708-9713.
9. **Blanco-Elorrieta, E.,** Kastner, I., Emmorey, K., & Pylkkänen, L. (2018). Shared neural correlates for building phrases in signed and spoken language. *Nature Scientific Reports*, 8, 5492.
8. **Blanco-Elorrieta, E.** Emmorey, K., & Pylkkänen, L. (2017). Decoding Language Switching in the Bilingual Brain: evidence from simultaneous speech and sign production. *Cognitive Computational Neuroscience (CCN)*.
7. Fyshe, A., **Blanco-Elorrieta, E.** & Pylkkänen, L. (2017). The neural representation of concepts during composition. *Cognitive Computational Neuroscience (CCN)*.
6. **Blanco-Elorrieta, E.,** Ferreira, V.S., Del Prato, P., & Pylkkänen, L. (2017). The priming of basic combinatory responses in MEG. *Cognition*, 70, 49-63.
5. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2017). Bilingual language switching in the lab vs. in the wild: The spatio-temporal dynamics of adaptive language control. *The Journal of Neuroscience*, 37: 9022-9036.
4. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2016). Bilingual language control in perception vs. action: MEG reveals comprehension control mechanisms in anterior cingulate cortex and domain-general production control in dorsolateral prefrontal cortex. *The Journal of Neuroscience*, 36(2): 290 – 301.
3. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2016). Composition of complex numbers: Delineating the computational role of the left anterior temporal lobe. *NeuroImage*, 124, 194 - 203.
2. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2015). Brain bases of language selection: MEG evidence from Arabic-English bilingual language production. *Frontiers in Human Neuroscience*, 9.
1. Pylkkänen, L., Bemis, D.K. & **Blanco-Elorrieta, E.** (2014). Building phrases in language production: An MEG study of simple composition. *Cognition*, 133, 371-384.

## INVITED TALKS

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35. **Blanco-Elorrieta, E. (2024).** The neurobiology of bilingualism: insights from neuroimaging and neuropsychology. *Speech-Language-Hearing Sciences Colloquium*, The Graduate Center of CUNY, USA.
34. **Blanco-Elorrieta, E. (2024).** The neurobiology of bilingualism: insights from neuroimaging and neuropsychology. *Language and Communicative Disorders Speaker Series*, San Diego State University, USA.

33. **Blanco-Elorrieta, E. (2023).** Multilingualism and gender in the research world. *Invited Speaker* at the 2025-2029 Strategic Plan Development Workshop. University of Mondragon, Basque Country.
32. **Blanco-Elorrieta, E. (2023).** What is the bilingual brain? *Plenary Talk*, Architectures and Mechanisms for Language Processing AMLaP Conference, Donostia-San Sebastian, Basque Country.
31. **Blanco-Elorrieta, E. (2023).** The neural bases of bilingualism in the wild. *Keynote Speaker*, XVI International Symposium of Psycholinguistics, Vitoria-Gasteiz, Basque Country. (Available [here](#)).
30. **Blanco-Elorrieta, E. (2023).** Perspectives on Multilingualism: An Interdisciplinary Roundtable. *Keynote Speaker*, NYUAD Research Institute, New York, USA. (Available [here](#)).
29. **Blanco-Elorrieta, E. (2023).** Bilingualism, brain damage and rehabilitation. *Colloquium*, Donostia International Physics Center, Donostia-San Sebastian, Basque Country. (Available [here](#)).
28. **Blanco-Elorrieta, E. (2022).** Mapping cortical lesions and communicative deficits in bilingual aphasia. *Dementia and Alzheimer in Low and Middle Income Countries*, Nairobi, Kenya.
27. **Blanco-Elorrieta, E. (2022).** Towards a more diverse cognitive neuroscience of language. *Cognitive Sciences Program Weekly Speaker Series*, Dartmouth University, USA.
26. **Blanco-Elorrieta, E. (2022).** Towards a more inclusive neurobiology of language. *Psychology Department Seminar*, New York University, USA.
25. **Blanco-Elorrieta, E. (2022).** Towards a more inclusive neurobiology of language. *Cognitive Science Seminar*, Johns Hopkins University, USA.
24. **Blanco-Elorrieta, E. (2022).** Towards a more inclusive neurobiology of language. *Language and Cognitive Science Seminar*, Delaware University, USA.
23. **Blanco-Elorrieta, E. (2022).** Towards a more inclusive neurobiology of language. *Princeton Neuroscience Institute Seminar Series*, Princeton University, USA.
22. **Blanco-Elorrieta, E. (2022).** The bilingual brain. *Neuroscience Research Research Seminar Series*, University of Texas Rio Grande Valley, USA.
21. **Blanco-Elorrieta, E. (2022).** Towards an inclusive neurobiology of language. *Cognitive Area Talk*, University of Michigan, Ann Arbor, USA.
20. **Blanco-Elorrieta, E. (2022).** Gender non-conformity, inclusivity, and academia. *Intersectional Experiences in Academia*, University of Oslo, Norway.
19. **Blanco-Elorrieta, E. (2021).** Language-specific and language-general neural mechanisms in bilingual aphasic patients. *Aphasia Community Group*, Boston University, USA.
18. **Blanco-Elorrieta, E. (2021).** Towards an inclusive neurobiology of language. *Language and Brain Colloquium*, University of Florida, USA.
17. **Blanco-Elorrieta, E. (2021).** Towards an ecologically valid neurobiology of bilingualism. *Department of Language Science Colloquium*, University of California Irvine, USA.
16. **Blanco-Elorrieta, E. (2021).** Towards and ecologically valid neurobiology of bilingualism. *Plenary speaker: Young Scholar Speaker Series*, Pennsylvania State University, USA.

15. **Blanco-Elorrieta, E. (2021).** Bilingualism and Cognitive Reserve and Resilience. *NIH National Institute on Aging's Virtual Workshop*, USA.
14. **Blanco-Elorrieta, E. (2020).** The true bilingual advantage. *TEDx Talk*, Tarragona, Spain.
13. **Blanco-Elorrieta, E. (2020).** Towards and ecologically valid neurobiology of bilingualism. *MIT*, Cambridge, USA.
12. **Blanco-Elorrieta, E. (2020).** Bilingualism: questions, answers, and future directions. *Dartmouth University*, New Hampshire, USA.
11. **Blanco-Elorrieta, E. (2020).** Bilingualism, language and cognition. *Meet the author series*, Linguistics Department, NYU, USA.
10. **Blanco-Elorrieta, E. (2020).** Bilingual speech comprehension. *Mesgarani lab*. Columbia University, New York, USA.
9. **Blanco-Elorrieta, E. (2020).** Growth in times of crisis. *Entre cuatro paredes*. Expatriados & Co., New York, USA.
8. **Blanco-Elorrieta, E. (2020).** The Neurobiology of Multilingualism. *Linguistics Colloquium*. Cornell University, USA.
7. **Blanco-Elorrieta, E. (2019).** The challenges of understanding bilingual speech in noise. *British Academy for Cognitive Neuroscience*. University of Cambridge, UK.
6. **Blanco-Elorrieta, E. (2018).** The neurobiology of bilingualism: Insight from MEG. *The bilingual mind seminars*. University of the Basque Country, Basque Country.
5. **Blanco-Elorrieta, E. (2018).** The neurobiology of bilingualism: Insight from MEG. *Language and Cognition Colloquium*. Harvard University, USA.
4. **Blanco-Elorrieta, E. (2018).** The neurobiology of bilingualism: insight from MEG. *Psychology Cognitive Brown Bag*. University of California San Diego (UCSD), USA.
3. **Blanco-Elorrieta, E. (2017).** The neurocognition of bilingualism. *Young Leaders of the Americas Initiative*, New York, USA.
2. **Blanco-Elorrieta, E. (2017).** Bilingual language switching in the lab vs. in the wild: The spatio-temporal dynamics of adaptive language control. *Summer school on Bilingualism and Multilingualism*, Barcelona, Spain.
1. **Blanco-Elorrieta, E. (2016).** Brain bases of bilingual language selection and switching: Evidence from production and comprehension. *Neurolinguistics Supper Colloquium*. Graduate Center of the City University of New York, New York, USA.

## CONFERENCE TALKS

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7. **Blanco-Elorrieta, E.** Emmorey, K., & Pylkkänen, L. (2018). Task switching decomposed: MEG evidence from bimodal language switching. Cognitive Neuroscience Society (CNS), Boston, USA.

6. **Blanco-Elorrieta, E.** Emmorey, K., & Pylkkänen, L. (2017). Turning a language “off” is cognitively effortful, but turning a language “on” is not: MEG evidence from bimodal language switching. Society for the Neurobiology of Language (SNL) Annual Conference, Baltimore, USA.
5. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2016). While language-switching in the lab localizes in anterior cingulate cortex, comprehending code-switches in the wild engages the auditory cortex: MEG evidence from Arabic-English bilinguals. 22<sup>nd</sup> AMLaP Conference in Bilbao, Basque Country.
4. **Blanco-Elorrieta, E.,** Ferreira, V.S., Del Prato, P., & Pylkkänen, L. (2016). The priming of basic combinatory responses in MEG. 29<sup>th</sup> CUNY Conference on Sentence Processing, Florida, USA.
3. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2015). Switch mechanisms revealed by MEG: What is special about language switching?. Neuroscience of Language Workshop, Abu Dhabi, UAE.
2. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2015). Bilingual language control: domain general in production but not comprehension? Evidence from MEG. Linguistics in the Gulf, Doha, Qatar.
1. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2015). Brain bases of language selection: MEG evidence from Arabic-English bilingual language production. NYUAD Research Conference, Abu Dhabi.

## POSTER PRESENTATIONS

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19. Silva, B., Pirela-Alvarez, R., Maestre, G., & **Blanco-Elorrieta, E.,** (2022). Mapping cortical lesions and communicative deficits in bilingual aphasia. Dementia and Brain Aging in Low/Middle Income Countries Conference. Nairobi, Kenya.
18. **Blanco-Elorrieta, E.,** Hauptman, M., Pylkkänen, L. (2020). Planning production: Morphological, semantic, and syntactic representations. Society for the Neurobiology of Language. Virtual Conference
17. Lang, B., Gwilliams, L., **Blanco-Elorrieta, E.,** and Marantz, A. (2020). Do bilinguals better discriminate novel vowel contrasts? Neural correlates of perceptual assimilation using MEG decoding. Society for the Neurobiology of Language. Virtual Conference.
16. **Blanco-Elorrieta, E.,** Hauptman, M., Pylkkänen, L. (2020). Planning production: Morphological, semantic, and syntactic representations. Cognitive Neuroscience Society (CNS) Conference, Boston, USA.
15. **Blanco-Elorrieta, E.,** Gwilliams, L., Pylkkänen, L., & Maranz, A. (2019). Prefrontal cortex aids adaptation to accented speech. Society for the Neurobiology of Language Conference, Helsinki, Finland.
14. **Blanco-Elorrieta, E.,** Gwilliams, L., Pylkkänen, L., & Maranz, A. (2019). Prefrontal cortex aids adaptation to accented speech. Cognitive Neuroscience Society (CNS) Conference, San Francisco, USA.
13. **Blanco-Elorrieta, E.,** Ding, N., Pylkkänen, L., & Poeppel, D. (2018). The impoverished comprehension of non-native speech in noise. Society for Neuroscience (SfN) Annual Conference, San Diego, USA.
12. **Blanco-Elorrieta, E.,** Ding, N., Pylkkänen, L., & Poeppel, D. (2018). The impoverished comprehension of non-native speech in noise. Society for the Neurobiology of Language (SNL) Annual Conference, Quebec City, Canada.
11. **Blanco-Elorrieta, E.** Emmorey, K., & Pylkkänen, L. (2018). Task switching decomposed: MEG evidence from bimodal language switching. Cognitive Neuroscience Society (CNS) Annual Conference, Boston, USA.

10. **Blanco-Elorrieta, E.** Emmorey, K., & Pylkkänen, L. (2017). Decoding Language Switching in the Bilingual Brain: evidence from simultaneous speech and sign production. Cognitive Computational Neuroscience (CCN), New York, USA.
9. Fyshe, A., **Blanco-Elorrieta, E.** & Pylkkänen, L. (2017). The neural representation of concepts during composition. Cognitive Computational Neuroscience (CCN), New York, USA.
8. **Blanco-Elorrieta, E.**, Ferreira, V.S., Del Prato, P., & Pylkkänen, L. (2016). The priming of basic combinatory responses in MEG. Society for the Neurobiology of Language (SNL) Annual Conference, London, UK.
7. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2016). While language-switching in the lab localizes in anterior cingulate cortex, comprehending code-switches in the wild begins in auditory cortex: MEG evidence from Arabic-English bilinguals. Society for the Neurobiology of Language (SNL) Conference, London, UK.
6. **Blanco-Elorrieta, E.**, Ferreira, V.S., Del Prato, P., & Pylkkänen, L. (2016). The priming of basic combinatory responses in MEG. Cognitive Neuroscience Society (CNS) Conference, New York, USA.
5. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2016). Bilingual language control in perception vs. action: MEG reveals comprehension control mechanisms in anterior cingulate cortex and domain-general production control in dorsolateral prefrontal cortex. 29<sup>th</sup> Annual CUNY Conference on Human Sentence Processing, Gainesville, USA.
4. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2015). Switching in perception vs. action revealed by MEG: Reactive control in the ACC and proactive control in the dorsolateral PFC. Society for the Neurobiology of Language (SNL) Annual Conference, Chicago, USA.
3. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2015). Composition of Complex Numbers: Delineating the computational role of the left anterior temporal lobe. Society for the Neurobiology of Language (SNL) Annual Conference, Chicago, USA.
2. Oseki Y., Gwilliams, L., Gaston, P., **Blanco-Elorrieta, E.**, Pylkkänen, L. & Marantz, A. (2015). Neural dynamics of morphological and phrasal composition. Society for the Neurobiology of Language (SNL) Annual Conference, Chicago, USA.
1. **Blanco-Elorrieta, E.** & Pylkkänen, L. (2014). Brain bases of language selection: MEG evidence from Arabic-English bilingual language production. Society for the Neurobiology of Language (SNL) Annual Conference, Amsterdam, The Netherlands.

## TEACHING

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### Teaching Instructor (NYU):

Spring 2023: Undergraduate Cognition

### Teaching Assistant (NYU):

Spring 2019: Psychology and Linguistics: *Neurolinguistics*. (Graduate and Undergraduate).

Fall 2018: Psychology: *Introduction to Psychology*. (Undergraduate).

Spring 2018: Psychology: *Cognition* (Undergraduate).

Spring 2017: Psychology: *Cognition* (Undergraduate).

Fall 2016: Psychology and Linguistics: *Neural Bases of Language*. (Graduate and Undergraduate).

## **Guest lectures & Summer schools:**

- 2024: *Graduate School of Linguistics (LOT)*. Week-long winter course on neurolinguistics (Radboud University).  
2022: *Linguistics and Cognitive Science*. Lecture on the neural bases of bilingualism (NYU).  
2020: *Cognitive Psychology*. Lecture on bilingualism and sign language cognition (Darmouth).  
2019: *Neural bases of Language*: Lecture on the neurobiology of bilingualism (NYU).  
2017: *Neurolinguistics*. Lecture on bilingualism and aging (Young Leaders of the Americas Initiative).  
2017: *Cognition*. Lecture on language and cognition (NYU).  
2016: *Neural Bases of Language*. Lecture on the neurobiology of bilingualism (NYU).  
2016: *Neural Bases of Language*. Lecture on the neural bases of perceptual attunement (NYU).

## **MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

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- 2020 – 2022 Accessibility and Diversity Committee, Society for the Neurobiology of Language  
2018 – 2021 Elected Board Member, Society for the Neurobiology of Language  
2016 – present Member, Society for Neuroscience  
2015 – present Member, Cognitive Neuroscience Society  
2014 – present Member, Society for the Neurobiology of Language

## **ADVISING AND MENTORING**

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### **PhD advisees:**

- 2023-present Jessica Chen, Maya Taliaferro (Psychology, NYU)

### **Undergraduate thesis:**

- 2022-2023 Alisa Ragassa (Psychology, Harvard)

### **NYU qualifying paper committee:**

- 2023 Jessica Goebbel (Linguistics, NYU)  
Hanxiao Lu (Psychology, NYU)

## **ACADEMIC SERVICE**

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**a) Journal editor:** *Frontiers in Language Sciences*

### **b) Ad hoc journal reviewer:**

Nature Reviews Psychology; Neurobiology of Language; Cognition; Scientific Reports; Human Brain Mapping; Proceedings of the National Academy of Sciences, PLOS Biology; PLOS One; Journal of Neuroscience; NeuroImage; Brain and Language; Language, Cognition and Neuroscience; Journal of Cognitive Psychology; Journal of Neurolinguistics, Bilingualism: Language and Cognition; Cerebral Cortex; Journal of Cognitive Neuroscience.

### **c) Ad hoc grant reviewer:**

National Science Foundation (NSF) – Linguistics and Developmental Sciences Program Panel; Polish Ministry of Science and Higher Education; Polish National Centre for Research and Development; Rochester Neuroscience Grant Program.



#### **d) Conference organization:**

Program committee (Society for the Neurobiology of Language annual meeting; 2020, 2021).

#### **e) Elected Representative:**

Society for the Neurobiology of Language (2019-2022); Linguistics student body (University of Deusto; 2008-2012).

## **SCIENTIFIC OUTREACH**

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- 2024: Outreach Talk at “Sin Fronteras” Educational in Madrid, Spain.
- 2023: Outreach Talk on Bilingualism and Child Development at Montessori School in Williamsburg, NYC.
- 2023: Interview in La Mecanica del Caracol radio program on language policy ([here](#), in Spanish).
- 2023: Interview in El Diario Vasco newspaper on language evolution ([here](#), in Spanish).
- 2023: Interview on Berria newspaper about the prejudices around multilingualism ([here](#), in Basque).
- 2023: Podcast episode on the psychology, neuroscience and philosophy of multilingualism ([here](#), in English).
- 2023: ‘De ondas de sonido a significado’ Outreach talk at the University of the Basque Country.
- 2023: Radio program at EITB discussing the bilingual brain (available [here](#) in Spanish).
- 2023: ‘How Does the Bilingual Brain Process Language?’ Public talk at NYUAD Institute ([here](#), in English).
- 2023: ‘Como funciona el cerebro bilingüe?’ Talk at San Telmo Museum *NanoNeuro* series ([here](#), in Spanish).
- 2022: TV Interview on the effects on multilingualism on the brain in EITB (available [here](#), in Basque).
- 2022: Interview on multilingualism and language policies in El Español newspaper (available [here](#), in Spanish).
- 2022: Interview at ‘Gure artean’ podcast, EITB.
- 2021: Panelist and Organizer, Early Career Event, Society for the Neurobiology of Language.
- 2021: Speaker, Doctoral Student Welcome Event, New York University.
- 2021: TED en Español Podcast episode (available [here](#), in Spanish).
- 2021: Interview in Archiletras bi-monthly scientific magazine (available [here](#), in Spanish).
- 2021: Baipasa: weekly contribution to science radio program (available [here](#), in Basque).
- 2020: Interview in a TV episode of ‘The brain hunter’ (available [here](#), in Spanish).
- 2020: TED Talk in Spain, 2020 (available [here](#), in Spanish).
- 2020: Interview on the Neurobiology of multilingualism on COPE radio (available [here](#), in Spanish).
- 2020: Interview on the architecture of the multilingual brain in RTVE Spanish radio (available [here](#), in Spanish).
- 2019: ‘How to build a career in Science’ panelist; Young Leaders of the America Initiative (YLAI).
- 2019: ‘How does switching between languages impact your body?’ Inspire series by Euronews ([here](#) in English).

## **(TRANS)GENDER ADVOCACY**

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- 2022: University of Oslo: Intersectional Experiences in Academia workshop. Panelist and workshop leader.
- 2021: Spanish ministry for Gender Equality: advisory committee.
- 2021: ‘Identity, language, and the future’ Twitch interview for ‘The Future Game’ (available [here](#), in Basque).
- 2021: Bayer pharmaceutical Latin-American branch: Pride event panelist.
- 2021: ‘Non-binary’ feature documentary on trans experience (available [here](#), English subtitles).
- 2020: ELA Basque Trade Union: Pride event panelist.
- 2020: National Organization of Gay and Lesbian Scientists and Technical Professionals: Speaker, career panel.
- 2020: Harvard Women in STEM Initiative, Mentor.

2019: The Lesbian, Gay, Bisexual & Transgender Community Center: Panelist, ‘Being trans\* in Academia.’

## MEDIA COVERAGE (selected)

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- 2023: Newspaper interview in *Diario Vasco* on language and evolution ([here](#), in Spanish).  
2023: Radio interview at *Radio Vitoria* on how the human brain processes language ([here](#), in Spanish).  
2023: Interview on *Nius Diario* on the myths around bilingualism and the brain ([here](#), in Spanish).  
2023: Interview in *The New York Times* on bilingualism and aging ([here](#), in English).  
2023: Interview in *Berria* newspaper on the bilingual brain ([here](#), in Basque).  
2023: Interview in *ARGIA* magazine on the bilingual brain ([here](#), in Basque).  
2020: ‘Bilingual individuals’ interview in *El Pais* newspaper (available [here](#), in Spanish)  
2020: ‘*Genius of a thousand languages*’ interview in *Deia* newspaper (available [here](#), in Spanish)  
2020: Interview on Multilingualism and being a Forbes Scientist, on EITB radio (available [here](#), in Basque)  
2020: ‘*How does one become a Forbes Scientist?*’ interview on ONDA CERO radio; [here](#) in Spanish)  
2019: Coverage and Interview in the *Inspire* series by Euronews (available [here](#) in English)  
2018: ‘*When we sign, we build phrases with similar neural mechanisms as when we speak*’ (American Association for the Advancement of Science, available [here](#) in English)  
2018: ‘*Uno stesso circuito per lingua parlata e lingua dei segni*’, *Le Scienze* magazine, available [here](#), in Italian)  
2018: ‘*Four amazing discoveries you probably didn’t hear about this week*’, NSF podcast, [here](#), in English)  
2018: ‘*How we turn on and off languages*’, *Science Daily* (available [here](#), in English)  
2017: ‘*Chatting makes it easy to switch languages*’, *Futurity* news (available [here](#), in English)  
2017: ‘*Is changing languages effortful for bilingual speakers?*’, *Science Daily* (available [here](#), in English)  
2016: ‘*Bilinguals are smarter than you think*’, *Khaleej Times* (available [here](#), in English).

## OTHER EDUCATION

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- Summer Course: Genetics & Neurobiology of Language Course. Cold Spring Harbor Laboratories (2016).  
Summer University: German language and literature. Westfälische Wilhelms-Universität. Münster, Germany (2011).  
Summer University: German language and literature. Heinrich-Heine Universität. Düsseldorf, Germany (2010).

## LANGUAGES

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**Basque/Spanish:** Native speaker. **English:** Near native. **German:** Conversational.