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EDUCATION

Ph. D.: Psychology: Cognition and Perception (2015 – Present).

Institution: New York University.

Supervisor: Liina Pylkkänen.

M.Sc.: Cognitive Neuroscience of language (2013).

Institution: Basque Center on Cognition, Brain and Language (BCBL).

Dissertation: An alternative explanation for asymmetric switch-costs in unbalanced bilinguals.

Supervisors: Jon Andoni Duñabeitia and Clara Martin.

B.A.: Basque philology and Linguistics (honors) (2012).

Institution: University of Deusto.

Other Courses:

Summer Course: Genetics & Neurobiology of Language Course. Cold Spring Harbor Laboratories (2016).

Summer University: German language and literature. Westfälische Wilhems-Universität. Münster, Germany (2011).

Summer University: German language and literature. Heinrich-Heine Universität. Düsseldorf, Germany (2010).

MANUSCRIPTS AND PUBLICATIONS

Blanco-Elorrieta, E., Gwilliams, L., Marantz, A., & Pylkkänen, L. (in prep.). Neural bases of perceptual adaptation to foreign accents.

Blanco-Elorrieta, E., Emmorey, K., & Pylkkänen, L. (in prep.). Turning a language "off" is cognitively effortful, but turning a language "on" is not: MEG evidence from bimodal language switching.

Blanco-Elorrieta, E., Kastner, I., Emmorey, K., & Pylkkänen, L. (submitted). A shared neurobiology for building phrases in signed and spoken language.

Blanco-Elorrieta, E., Ferreira, V.S., Del Prato, P., & Pylkkänen, L. (2017). The priming of basic combinatory responses in MEG. *Cognition.*

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.

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.

Blanco-Elorrieta, E. & Pylkkänen, L. (2016). Composition of complex numbers: Delineating the computational role of the left anterior temporal lobe. *NeuroImage*, 124*, 194 - 203.*

Blanco-Elorrieta, E. & Pylkkänen, L. (2015). Brain bases of language selection: MEG evidence from Arabic-English bilingual language production. *Frontiers in Human Neuroscience, 9.*

Pylkkänen, L., Bemis, D.K. & **Blanco-Elorrieta, E**. (2014). Building phrases in language production: An MEG study of simple composition. *Cognition*, 133, 371-384.

ORAL PRESENTATIONS

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. Talk presented at the Society for the Neurobiology of Language Annual Conference 2017, Baltimore, USA.

Blanco-Elorrieta, E. (2017). Bilingual language switching in the lab vs. in the wild: The spatio-temporal dynamics of adaptive language control. Talk presented at the Summer school on Bilingualism and Multilingualism. Barcelona, Spain.

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. Talk presented at the 2016 Amlap Conference in Bilbao, Spain.

Blanco-Elorrieta, E. (2016). Brain bases of bilingual language selection and switching: Evidence from production and comprehension. Invited talk at the Graduate Center of the City University of New York (CUNY), New York, USA.

Blanco-Elorrieta, E., Ferreira, V.S., Del Prato, P., & Pylkkänen, L. (2016). The priming of basic combinatory responses in MEG. Talk presented at the 29th Annual CUNY Conference on Human Sentence Processing, Florida, USA.

Blanco-Elorrieta, E. & Pylkkänen, L. (2015). Switch mechanisms revealed by MEG: What is special about language switching? Talked presented at the Neuroscience of Language Workshop 2015, Abu Dhabi, UAE.

Blanco-Elorrieta, E. & Pylkkänen, L. (2015). Bilingual language control: domain general in production but not comprehension? Evidence from MEG. Talk presented at the 5th Linguistics in the Gulf Conference 2015, Doha, Qatar.

Blanco-Elorrieta, E. & Pylkkänen, L. (2015). Brain bases of language selection: MEG evidence from Arabic-English bilingual language production. Talk presented at the NYUAD Annual Research Conference 2015, Abu Dhabi, U.A.E.

POSTER PRESENTATION

Blanco-Elorrieta, E., Ferreira, V.S., Del Prato, P., & Pylkkänen, L. (2016). The priming of basic combinatory responses in MEG. Poster presented at the Society for the Neurobiology of Language Annual Conference 2016, London, UK.

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. Poster presented at the Society for the Neurobiology of Language Annual Conference 2016, London, UK.

Blanco-Elorrieta, E., Ferreira, V.S., Del Prato, P., & Pylkkänen, L. (2016). The priming of basic combinatory responses in MEG. Poster presented at the Cognitive Neuroscience Society (CNS) annual meeting in New York City, USA.

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. Poster presented at the 29th Annual CUNY Conference on Human Sentence Processing, Gainesville, USA.

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 Annual Conference 2015, Chicago, USA.

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 Annual Conference 2015, Chicago, USA.

Oseki Y., Gwilliams, L., Gaston, P., **Blanco-Elorrieta, E.,** Pykkänen, L. & Marantz, A. (2015). Neural dynamics of morphological and phrasal composition. Society for the Neurobiology of Language Annual Conference 2015, Chicago, USA.

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 Annual Conference, Amsterdam, The Netherlands.

Martin, C.D., **Blanco-Elorrieta, E.,** & Duñabeitia, J.A. (2013). An alternative explanation to asymmetrical switch-costs in unbalanced bilinguals. Annual Psychonomics Conference, Toronto, Canada.

Blanco-Elorrieta, E., Martin, C.D., & Duñabeitia, J.A. (2013). Language switching is more than switching languages. Poster presentation at the Basque Center on Cognition, Brain and Language, Donostia-San Sebastian.

GRANTS AND AWARDS

2017:	Society of the Neurobiology of Language predoctoral fellow merit award.
2017:	Woodcock Institute Grant Research Award ($9,951).
2016:	Helmsley Fellowship for cross-disciplinary research ($2,350).
2016:	New York University, Dean's Student Travel Grant.
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 (~$75,000 per year, dependent on tuition fees).
2012:	Basque Center on Cognition, Brain and Language: waiver of M.Sc. tuition fees.
2011:	Basque Government: grant for undergraduate research projects (€3,300).
2010:	University of Deusto: grant for undergraduate research projects (€3,000).
2008:	Basque Government: Distinguished Academic scholarship (waiver of first year University matriculation fees).

TEACHING

Teaching assistant:

2017:   Psychology: *Cognition.* Teaching assistant for Prof. Bob Rehder (Undergraduate).

2016:   Psychology and Linguistics: *Neural Bases of Language.* Teaching assistant for Prof. Liina Pylkkänen (Graduate and Undergraduate).

Guest lectures:

2017:   Invited guest lecturer: *Cognition.* Lecture on language and cognition.

2016:   Invited guest lecturer: *Neural Bases of Language.* Lecture on the neurobiology of bilingualism.

2016:   Invited guest lecturer: *Neural Bases of Language.* Lecture on perceptual attunement.

RESEARCH POSITIONS

2013- 2015:   Research assistant.
Institution: New York University Abu Dhabi (Neuroscience of Language Lab).
Supervisors: Alec Marantz and Liina Pylkkänen.

2012 – 2013:   Research assistant.
Institution: Basque Center on Cognition, Brain and Language (BCBL).

2011 - 2012:   Research assistant.
Institution: University of Deusto (Tesitek Linguistics Research Group).
Supervisor: Rosa Miren Pagola.

ADDITIONAL POSITIONS

2010- 2011:   Multimedia Manager Assistant.

Institution: Azkue Foundation.

2007-2010:   Basque language instructor.

Institution: AEK Coordinator of Literacy and Basque Promotion.

ACADEMIC SERVICE

a) Ad hoc reviewer for:

Journals:

NeuroImage; Brain and Language; Language, Cognition and Neuroscience; Journal of Cognitive Psychology; Journal of Neurolinguistics.

Grants:

Polish Ministry of Science and Higher Education, Polish National Centre for Research and Development.

b) Student Representative. Undergraduate linguistics student body (2008 –2012).

LANGUAGES

Basque: Native speaker. Certificate of Proficiency in Basque (EGA).

Spanish: Native speaker.

English: Cambridge Certificate of Proficiency in English (CPE), 113 internet Based Test TOEFL.

German: Upper Intermediate (B2 European Framework of Reference).

Galician: Elementary (A2 European Framework of Reference).

French: Elementary (A1 European Framework of Reference).