Esti Blanco-Elorrieta

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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

Ad hoc reviewer for: *NeuroImage*; *Brain and Language; Language, Cognition and Neuroscience*; *Journal of Cognitive Psychology; Journal of Neurolinguistics.*

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

Student volunteer at Society for the Neurobiology of Language, Annual Conference (2012).

Student volunteer at Workshops on Biscayan Basque. Basque Academy of the Language (May 2008, 2009, 2010, 2011).

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).