

# Pedro Tiago Martins, PhD

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(last update: November 26, 2020)

## Education

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<b>PhD, Cognitive Science and Language</b> ( <i>Excellent Cum Laude</i> )	2020
University of Barcelona, Spain	
Supervisors: Cedric Boeckx & Bridget D. Samuels	
Committee: Faustino Dieguez, Andrea Ravignani and Adriano Lameira	
<b>MSc, Brain and Language</b>	2015
Pompeu Fabra University, Spain	
Supervisors: Luca Bonatti & Juan Manuel Toro	
<b>MA, Cognitive Science and Language</b>	2013
University of Barcelona, Spain	
Supervisor: Cedric Boeckx	
<b>BA, Language Sciences</b>	2011
University of Porto, Portugal	

## Additional Education

<b>Language and Music in Cognition Spring School</b>	2019
University of Köln, Germany	
<b>EGG - Central and Eastern European Summer School in Generative Grammar</b>	
University of Wrocław, Poland	2012
University of South Bohemia, České Budějovice, Czech Republic	2011

## Grants & Awards

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<b>Best Video — What are Complex Systems?</b> (with T. O'Rourke, S. Sturm, A. Andirkó)	June 19, 2018
UBICS Day 2018, University of Barcelona	
<b>PhD Fellowship (Bolsa de Doutoramento)</b>	2017→
Fundação para a Ciência e a Tecnologia (FCT), Portugal	
<b>Student Support Grant (Ajuts de suport a la formació)</b>	April–June, 2013
Generalitat de Catalunya, Spain	
<b>Travel stipend for “Features” Workshop at Tromsø on Oct–Nov 2013</b>	June 2013
University of Tromsø, Norway	
<b>Best Poster Presentation – 2<sup>nd</sup> prize</b> (with J. Veloso)	September 1, 2012
45 <sup>th</sup> Annual Meeting of the Societas Linguistica Europæa, University of Stockholm, Sweden	
<b>Erasmus Grant</b>	September 2010–July 2011
For 1-year stay abroad at the University of Helsinki, Finland	
<b>Integration into Research Grant (BII – Bolsa de Iniciação à Investigação)</b>	2008–2009
Fundação para a Ciência e a Tecnologia (FCT), Portugal	
<b>Various travel grants/aids awarded by home institution</b>	
University of Barcelona	2012–2019
Pompeu Fabra University	2016
University of Porto	2009–2011

# Publications

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## Papers

- [1] **Martins, P. T.**; Boeckx, C. 2020. Vocal learning: Beyond the continuum. *PLoS Biology* 18(3): e3000672 doi: [10.1371/journal.pbio.3000672](https://doi.org/10.1371/journal.pbio.3000672)
- [2] Zanella, M.; Vitriolo, A.; Andirko, A.; **Martins, P. T.**; Sturm, S.; O'Rourke, T.; Laugsch, M.; Malerba, N.; Skaros, A.; Trattaro, S.; Germain, P.; Mihailovic, M.; Merla, G.; Rada-Iglesias, A.; Boeckx, C.; Testa, G. 2019. Dosage analysis of the 7q11.23 Williams region identifies BAZ1B as a major human gene patterning the modern human face and underlying self-domestication. *Science Advances* 5(12). doi: [10.1126/sciadv.aaw7908](https://doi.org/10.1126/sciadv.aaw7908)
- [3] **Martins, P.T.**; Boeckx, C. 2019. Language evolution and complexity considerations: The no half-Merge fallacy. *PLoS Biology* 17(11): e3000389. doi: [10.1371/journal.pbio.3000389](https://doi.org/10.1371/journal.pbio.3000389)
- [4] **Martins, P. T.** 2019. Progress overlooked (Comment on “The Siege of Paris”, Berwick & Chomsky 2019). *Inference: International Review of Science* 4(4). url: [inference-review.com/letter/progress-overlooked](https://inference-review.com/letter/progress-overlooked). [Includes reply by Berwick & Chomsky]
- [5] **Martins, P. T.**; Marí, M.; Boeckx, C. 2018. *SRGAP2* and the gradual evolution of the modern human language faculty. *Journal of Language Evolution* 3(1): 67–78. doi: [10.1093/jole/lzx020](https://doi.org/10.1093/jole/lzx020).
- [6] Theofanopoulou, C.; Gastaldon, S., O'Rourke, T.; Samuels, B. D.; **Martins, P. T.**; Delogu, F.; Alamri, S.; Boeckx, C. 2017. Self-domestication in *Homo sapiens*: Insights from comparative genomics. *PLoS ONE* 12(10), e0185306. doi: [10.1371/journal.pone.0185306](https://doi.org/10.1371/journal.pone.0185306).
- [7] Samuels, B.D.; **Martins, P.T.**; Boeckx, C. 2017. Linguistic knowledge by descent: an evolutionary approach to stress typology. *Journal of the Phonetic Society of Japan*. [Special issue: Excavating phonetic/phonological fossils in language: current trends in evolutionary linguistics] 21(1): 71–78. doi: [10.24467/onseikenkyu.21.1\\_71](https://doi.org/10.24467/onseikenkyu.21.1_71)
- [8] Smailović, J.; Žnidaršič, M.; Valentinčič, A.; Lončarski, I.; Pahor, M.; **Martins, P. T.**; Pollak, S. (2017). Automatic Analysis of Annual Financial Reports: A Case Study. *Computación y Sistemas*, 21(4): 809–818. doi: [10.13053/CyS-21-4-2863](https://doi.org/10.13053/CyS-21-4-2863).
- [9] **Martins, P. T.**; Boeckx, C. 2016. What we talk about when we talk about biolinguistics. *Linguistics Vanguard* 2(1). doi: [10.1515/lingvan-2016-0007](https://doi.org/10.1515/lingvan-2016-0007)
- [10] Theofanopoulou, T.; **Martins, P. T.**; Ramirez, J.; Zhang, E.; Castillo, G.; Shi, E.; Alamri, S.; Martinez-Alvarez, A.; Leivada, E. 2015. Neurological foundations of language: Emerging perspectives. *Llengua, Societat i Comunicació* 13: 4–11. doi: [10.1344/LSC2015.13.2](https://doi.org/10.1344/LSC2015.13.2)
- [11] **Martins, P. T.**; Boeckx, C. 2014. Attention Mechanisms and the Mosaic Evolution of Speech. *Frontiers in Psychology* 5 (1463). doi: [10.3389/fpsyg.2014.01463](https://doi.org/10.3389/fpsyg.2014.01463)
- [12] Boeckx, C.; Leivada, E; **Martins, P. T.** 2013. Language and Complexity Considerations: A Biolinguistic Perspective. *Llengua, Societat i Comunicació* 11: 20–26.

## Book Chapters

- [13] **Martins, P. T.**; Boeckx, C. 2018. Language evolution: Insisting on making it a mystery or turning it into a problem? In Saint-Germier, P. (Ed.) *Language, Evolution and Mind Essays in Honour of Anne Reboul*. London: College Publications, 161–169. (reprint of [17])
- [14] **Martins, P. T.** 2017. There is no place for markedness in biologically-informed phonology. In Samuels, B. D. (ed.) *Beyond markedness in formal phonology*. Amsterdam: John Benjamins, 219–232. doi: [10.1075/la.241.09mar](https://doi.org/10.1075/la.241.09mar)
- [15] Boeckx, C.; **Martins, P. T.**; Leivada, E. 2017. Biolinguistics. In I. Roberts and A. Ledgeway (Eds.). *The Cambridge Handbook of Historical Syntax*. Cambridge: Cambridge University Press, 629–641. doi: [10.1017/9781107279070](https://doi.org/10.1017/9781107279070)
- [16] **Martins, P. T.**; Boeckx, C. 2016. Biolinguistics. In *Oxford research encyclopedia of linguistics*. Oxford/New York: Oxford University Press. doi: [10.1093/acrefore/9780199384655.013.20](https://doi.org/10.1093/acrefore/9780199384655.013.20)

- [17] **Martins, P. T.**; Boeckx, C. 2016. Language evolution: insisting on making it a mystery or turning it into a problem?. In L. Dupuy, A. Grabizna, N. Foudon and P. Saint-Germier, (Eds.). *Papers dedicated to Anne Reboul*. Lyon. (reprinted as [13])
- [18] **Martins, P. T.**; Leivada, E.; Benítez-Burraco, A.; Boeckx, C. 2016. Biological Pluralism in service of biolinguistics. In K. Fujita & C. Boeckx (Eds.). *Advances in Biolinguistics: The Human Language Faculty and its Biological Basis*. London: Routledge, 153–169.

## In Proceedings

- [19] Silvente i Font, S.; **Martins, P. T.**; Boeckx, C. 2020. Do Life Histories Shape Vocal Production Learning? A Bird-Based Approach. In A. Ravnani; C. Barbieri; M. Martins; M. Flaherty; Y. Jadoul; E. Lattenkamp; H. Little; K. Mudd; T. Verhoef (Eds.), *The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13)*. doi: [10.17617/2.3190925](https://doi.org/10.17617/2.3190925)
- [20] **Martins, P. T.**; Boeckx, C. 2020. Specifying the “Vocal” in Vocal Learning. In A. Ravnani; C. Barbieri; M. Martins; M. Flaherty; Y. Jadoul; E. Lattenkamp; H. Little; K. Mudd; T. Verhoef (Eds.). *The Evolution of Language: Proceedings of the 13th International Conference (EvoLang13)*. doi: [10.17617/2.3190925](https://doi.org/10.17617/2.3190925)
- [21] Veloso, J.; **Martins, P. T.**. 2018. O “Interjudge Agreement” como forma de validação de transcrições de amostras dialetais. In Veloso, J.; Guimarães, J.; Silvano, P.; Sousa-Silva, R. (Eds.). *A Linguística em Diálogo. Volume Comemorativo dos 40 Anos do Centro de Linguística da Universidade do Porto*. Porto: CLUP, 527–545.
- [22] **Martins, P. T.**; Boeckx, Cedric. 2018. Sound Production Learning and the Contiguity Hypothesis. In Cuskley, C.; Little, H.; Ravnani, A.; Flaherty, M.; McCrohon, L.; Verhoef (Eds.). *The Evolution of Language. Proceedings of the 12th International Conference on the Evolution of Language (EvoLang 12)*: 284–286. doi: [10.12775/3991-1.069](https://doi.org/10.12775/3991-1.069)
- [23] **Martins, P. T.** 2015. A Reemergência da Biolinguística. In *Textos Seleccionados do XXX Encontro da Associação Portuguesa de Linguística*. Braga: APL, 381–401.
- [24] Theofanopoulou, C.; Zhang, E. Q.; Alamri, S.; Castillo, G.; Shi, E. R.; **Martins, P. T.**; Martínez-Ferreiro, S.; Boeckx, C. 2015. Subcortical Structures and Language Disruption. *Stem-, Spraak- en Taalpathologie 20 [Science of Aphasia 2015]*: 169–171.
- [25] Rennicke, I; **Martins, P. T.** 2013. As realizações fonéticas de /R/ em português europeu: análise de um corpus dialetal e implicações no sistema fonológico. In: *Textos Seleccionados do XVIII Encontro da Associação Portuguesa de Linguística*. Coimbra: APL, 509–523.
- [26] Veloso, J; **Martins, P. T.** 2013. Arquivo Dialetal do CLUP. In: *Textos Seleccionados do XVIII Encontro da Associação Portuguesa de Linguística*. Coimbra: APL, 673–692.
- [27] Veloso, J.; **Martins, P. T.** 2011. Etimologia não é morfologia: produtividade e composicionalidade na formação e processamento dos “compostos morfológicos” do português. In: Costa, A.; I. Falé & Pilar Barbosa (Eds.). *Textos Seleccionados do XXVI Encontro da Associação Portuguesa de Linguística*. Lisbon: APL, 558-573;

## Reviews

- [28] **Martins, P. T.** 2014. The Bird is the Word (Review of “Birdsong, Speech, and Language: Exploring the Evolution of Mind and Brain” Ed. by Johan J. Bolhuis & Martin Everaert, 2013) *Biolinguistics* 8: 97–107;
- [29] **Martins, P. T.** 2012. Review of “Phonological Architecture: A Biolinguistic Perspective” (Bridget D. Samuels, 2011). *Linguística: Revista de Estudos Linguísticos da Universidade do Porto* 7: 209–216.

## Others

- [30] **Martins, P. T.**. 2014. Interview with Marc Hauser. *(Inter)views on Biolinguistics*. Biolinguistics Initiative Barcelona: Barcelona. [ptmartins.info/papers/interviewhauser.pdf](http://ptmartins.info/papers/interviewhauser.pdf)
- [31] Boeckx, C.; Veloso, J.; **Martins, P. T.** 2011. Interview with Professor Cedric Boeckx. *elingUP* 3(1): 1-29;

- [32] Brandão de Carvalho, J.; Veloso, J.; Silva, F.; **Martins, P. T.** 2010. Entrevista com o Professor Joaquim Brandão de Carvalho. *elingUP* 2(1): 3-10;
- [33] Lacerda, F; Veloso, J. **Martins, P. T.** 2009. Entrevista com o Professor Francisco Lacerda. *elingUP* 1(1): 1-17.
- [34] **Martins, P.T.** 2010. A Importância do Acesso Livre. *elingUP* 2(1): 1-2.

## Talks & Posters

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### Invited

- [1] **Martins, P. T.** *All-or-nothing tells us little about language evolution*. Center for Language Evolution, University of Edinburgh, UK. May 26, 2020
- [2] **Martins, P. T.**; Boeckx, C. *Vocal Learning Contiguum*. Unifying Vocal Learning. Lorentz Center, Leiden, The Netherlands. September 9–13 (poster)
- [3] **Martins, P. T.** *An Evolutionary Contiguum Hypothesis for Sound Production Learning*. 'Tokyo Conference on Evolving Linguistics – Where does Phonology Fit in?', University of Tokyo, Japan. March 7, 2018

### Conference presentations (peer-reviewed)

- [1] **Martins, P. T.**; Boeckx, C. *Specifying the "Vocal" in Vocal Learning*. Evolang XIII. Brussels, Belgium. April 17–20, 2020
- [2] Silvente i Font, S.; **Martins, P. T.**; Boeckx, C. *Do life histories shape vocal production learning? A bird-based approach*. Evolang XIII. Brussels, Belgium. April 17–20, 2020 (poster)
- [3] O'Rourke, T.; Andirkó, A.; Sturm, S.; **Martins, P. T.**; Moriano, J.; Silvente i Font, S.; Rumbo i Roig, M.; Boeckx, C. *Complex interactions among language subcomponents*. UBICS Day 2019. University of Barcelona, June 18, 2019 (poster)
- [4] Zanella M.; Vitriolo, A; Andirkó, A.; **Martins, P. T.**; Sturm, S.; O'Rourke, T.; Laugsch, M.; Malerba, N.; Skaros, A.; Trattaro, S.; Germain, P.-L.; Merla, G.; Rada-Iglesias, A.; Boeckx, C.; Testa, G. *7q11.23 syndromes reveal BAZ1B as a master regulator of the modern human face and validate the self-domestication hypothesis*. EMBL Symposium: Reconstructing the Human Past - Using Ancient and Modern Genomics. Heidelberg, Germany. March 30 – April 3
- [5] **Martins, P. T.**; O'Rourke, T.; Andirkó, A.; Sturm, S.; Boeckx, C. *A hypothesis concerning how the evolution of prosociality impacted vocal learning*. Inaugural workshop of the Center for the Interdisciplinary Study of Language Evolution (ISLE). University of Zurich, Switzerland. March 4–5, 2019
- [6] **Martins, P. T.**; O'Rourke, T.; Andirkó, A.; Sturm, S.; Boeckx, C. *Glutamatergic modulation of vocal learning circuits through the dopaminergic projections of the Periaqueductal Gray*. Language and Music in Cognition: Integrated Approaches to Cognitive Systems. Spring School. Institute of Musicology, Universität zu Köln, Germany. February 2–8, 2019 (poster)
- [7] Samuels, B.; **Martins, P. T.**; O'Rourke, T.; Andirkó, A.; Alamri, S.; Theofanopoulou, C.; Boeckx, C. *Rethinking neoteny and neuroplasticity in language evolution*. Workshop: 'New Directions in Language Evolution Research', 51<sup>st</sup> Annual Meeting of the Societas Linguistica Europæa. Tallin, Estonia. August 29 – September 1, 2018
- [8] Andirkó, A.; Sturm, S.; O'Rourke, T.; **Martins, P. T.**; Boeckx, C. *The Symbolic Species?* UBICS Day 2018. University of Barcelona, June 19, 2018. (poster)
- [9] Alamri, S.; Muñoz, A.; O'Rourke, T.; **Martins, P. T.**; Boeckx, C. *The biocognitive 'guns, germs, and steel' underlying Homo sapiens' unique material culture*. Workshop: 'The 'stuff' of language: how should archaeology inform language origins studies?', Evolang XII. Toruń, Poland. April 16, 2018
- [10] **Martins, P. T.**; Boeckx, C. *Sound production learning and the Contiguum Hypothesis*. Evolang XII. Toruń, Poland. April 16–19, 2018

- [11] Smailović, J.; Žnidaršič, M.; Valentinčič, A.; Lončarski, I.; Pahor, M.; **Martins, P. T.**; Pollak, S. *Automatic Analysis of Financial Annual Reports: a Case Study*. 18th International Conference on Computational Linguistics and Intelligent Text Processing. Pázmány Péter Catholic University, Faculty of Information Technology and Bionics, Budapest, Hungary. April 17–23, 2017
- [12] Theofanopoulou, C.; O'Rourke, T.; Gastaldon, S.; Messner, A.; Samuels, B.; **Martins, P. T.**; Alamri, S.; Boeckx, C. *Paleogenomic evidence for self-domestication in Homo sapiens*. European Human Behavior and Evolution Association Annual Conference. École Normale Supérieure (ENS), Paris, France. April 6–8, 2017
- [13] Veloso, J.; **Martins, P.T.** *Fiabilidade da transcrição fonética de dados de variação: a utilização do "Interjudge Agreement" como forma de validação de transcrição de segmentos dúbios em amostras dialetais*. Colóquio dos 40 anos do CLUP. University of Porto, Portugal. November 24–25, 2016
- [14] **Martins, P. T.**; Toro, J. M.; Bonatti, L. *Generalizing rules over clicks: Preliminary results*. DuCog 2016. Center for Advanced Academic Studies (University of Zagreb), Dubrovnik, Croatia. April 28–May 1, 2016 (poster)
- [15] Alamri, S.; Zhang, E.; Theofanopoulou, C.; Castillo, G.; Shi, E.; **Martins, P. T.**; Martínez-Ferreiro, S.; Boeckx, C. *Implications of subcortical structures in Aphasia*. Academy of Aphasia 53rd Annual Meeting. Tucson, AZ, USA. October 18–20, 2015 (poster)
- [16] Zhang, E.; **Martins, P. T.**; Shi, E. *The multimodal origin of human speech*. Protolang 4. Rome Tre University, Italy. September 24–26, 2015
- [17] Theofanopoulou, C.; Zhang, E. Q.; Alamri, S.; Castillo, G.; Shi, E. R.; **Martins, P. T.**; Martínez-Ferreiro, S.; Boeckx, C. *Subcortical structures and language disruption*. 16 Science of Aphasia Conference. University of Aveiro, Portugal. September 17–22, 2015
- [18] **Martins, P. T.**; Samuels, B.; Boeckx, C. *What makes speech human-specific?* Biolinguistic Investigations on the Language Faculty. Instituto Universitario di Studi Superiori, Pavia, Italy. January 26–28, 2015
- [19] **Martins, P. T.** *A reemergência da biolinguística*. XXX Encontro Nacional da Associação Portuguesa de Linguística. University of Porto, Portugal. October 22–24, 2014
- [20] Leivada, E.; **Martins, P. T.**; Boeckx, C. *Biology and culture in the evolution of language: Addressing the gap*. "What made us human? Biological and cultural Evolution of Homo Sapiens" Workshop, International School of Ethology. Erice, Italy. October 14–19, 2014
- [21] Boeckx, C.; Leivada, E.; **Martins, P. T.**; Benítez-Burraco, A. *From the language-ready brain to full-fledged linguistic systems*. 11th International Conference on General Linguistics—Biological foundations of language, University of Navarra, Plamplona, Spain. May 21–23, 2014
- [22] Boeckx, C.; **Martins, P. T.**; Leivada, E. *Putting an End to Featuritis*. Features in phonology, morphology, syntax, and semantics: What are they?, University of Tromsø/CASTL, Norway. October 31–November, 2013
- [23] Boeckx, C.; Rosselló, J.; Martínez-Àlvarez, A.; **Martins, P. T.**; Leivada, E. *The role of the environment in the evolution of the language faculty*. Linguistic Sciences in the 21st Century: The Interdisciplinary Challenge - Beyond our primate inheritance: Neurobiological and evolutionary approaches to language, University of Cambridge, UK (poster). October 3–4, 2013
- [24] **Martins, P. T.** *Enhanced Motor Abilities as Speech Exaptations*. Linguistic Sciences in the 21st Century: The Interdisciplinary Challenge - Beyond our primate inheritance: Neurobiological and evolutionary approaches to language, University of Cambridge, UK (poster). October 3–4, 2013
- [25] **Martins, P. T.**; Leivada, E. *An Evolutionary Perspective on Language and Complexity*. Linguistic Sciences in the 21st Century: The Interdisciplinary Challenge - Beyond our primate inheritance: Neurobiological and evolutionary approaches to language, University of Cambridge, UK (poster). October 3–4, 2013
- [26] Leivada, E.; Boeckx, C.; Rosselló, J.; **Martins, P. T.**; Martínez-Àlvarez, A. *The evolution of the language faculty: why the environment was key*. 3rd Annual Meeting of the European Society for the Study of Human Evolution, University of Vienna, Austria (poster). September 19–21
- [27] **Martins, P. T.**, Leivada, E. 2013. *Language and the Evolution of Complexity*. 3rd Annual Meeting of the European Society for the Study of Human Evolution, University of Vienna, Austria (poster). September 19–21, 2013

- [28] **Martins, P. T.** *Biolinguistics and Evo-Devo: Business as Usual?*. "What can an extended synthesis do for biolinguistics: On the needs and benefits of Evo-Devo-Logo" Workshop, International Conference on Evolutionary Patterns: Horizontal and Vertical Transmission in Micro- and Macroevolutionary Patterns of Biological and Sociocultural Evolution, Lisbon, Portugal. May 27–29, 2013
- [29] Boeckx, C.; Leivada, E.; Martínez-Álvarez, A.; **Martins, P. T.**; Rosselló, J. *On the Need of a New Concept: Syntactic Protolanguage*. Ways to Protolanguage 3, Wrocław, Poland. May 25–26, 2013
- [30] Leivada, E.; **Martins, P. T.** *(Biolinguistic) Primitives Lost in Translation*. 36th GLOW Colloquium - Workshop on Biolinguistics. Lund University, Sweden (poster). April 2–6, 2013
- [31] Benítez-Burraco, A; Martínez Álvarez, A; Leivada, E; **Martins, P. T.**; Boeckx, C. *Language and Laterality: A More Nuanced View*. Tarragona Laterality Conference, Institut Català de Paleoecologia Humana i Evolució Social, Tarragona, Spain (poster). February 11–13, 2013
- [32] Rennie, I.; **Martins, P. T.** *Algumas considerações sobre as realizações fonéticas de /R/ em português europeu*. XXVIII Encontro Nacional da Associação Portuguesa de Linguística, University of the Algarve, Portugal. October 25–27, 2012
- [33] Veloso, J.; **Martins, P. T.** *Tratamento linguístico e cartográfico de um conjunto de amostras dialetais do português europeu: primeiros resultados*. XXVIII Encontro Nacional da Associação Portuguesa de Linguística, University of the Algarve, Portugal. October 25–27, 2012
- [34] **Martins, P. T.**; Veloso, J. *Inter-judge agreement in transcribing dialectal data: a study of a corpus of dialectal Portuguese*. 45th Annual Meeting of the Societas Linguistica Europæa, Stockholm University, Sweden (poster; see Awards). August 29–September 1, 2012
- [35] Veloso, J.; **Martins, P. T.** *Etimologia não é Morfologia*. XXVI Encontro Nacional da Associação Portuguesa de Linguística, University of Porto, Portugal. October 21–23, 2010
- [36] **Martins, P. T.**; Veloso, J. *Evidências do nível morfológico em português*. III Jornadas de Estudos Pós-Graduados em Fonologia, University of Porto, Portugal. June 26, 2010
- [37] Veloso, J.; **Martins, P. T.** *Phonotactic Constraints and Word Demarcation in Romance*. CUNY Conference on the Word, New York, NY, USA (poster). January 14–15, 2010

## Others

- [38] Cafè Científic: *Què és allò que ens fa humans? [What makes us human?]*. Debate with David Comas and Mara Dierssen. Barcelona, Spain. May 22, 2014
- [39] **Martins, P. T.** *Roundtable discussion: Where to go from here?*. Comparative Biolinguistics: An Exploratory Workshop, Universitat de Barcelona, Spain. November 28–29, 2013
- [40] **Martins, P. T.**; Gil Pires, M. *O Arquivo Dialectal da FLUP/CLUP*. Sessão pública de divulgação dos resultados do trabalho desenvolvido pelos bolsistas BII, Center of Linguistics of the University of Porto, Portugal. November 25, 2009
- [41] **Martins, P. T.**; Gil Pires, M. *Fonotáticas: Primeira Apresentação do Projecto Arquivo Dialectal da FLUP/CLUP*. II Jornadas de Estudos Pós-Graduados em Fonologia, Faculdade de Letras da Universidade do Porto, Portugal. April 19, 2009
- [42] Cunha, A.; **Martins, P. T.**; Oliveira, A. Pinto, F. *JAVALI: Julgamentos de Valor Acerca da Variação Linguística: População do Porto*. Percepção e Apreciação das Variações Sociolectais e Dialectais no Português Europeu Contemporâneo, University of Porto, Portugal. December 21, 2007

# Science Communication

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## Writing

- [1] [¿Cómo evolucionó la cara humana? El síndrome de Williams nos aporta pistas](#). *The Conversation*. January 12, 2020. (with A. Andirkó, A. Vitriolo, C. Boeckx, and G. Testa) [Spanish]
- [2] It's not about cats. *Babel: The Language Magazine* 26. February, 2019. (with S. Sturm, T. O'Rourke, and C. Boeckx)
- [3] [Qué es la vida? El futuro de la biología, 75 años después de Schrödinger](#). *The Conversation*. October 2, 2018. (with A. Andirkó, S. Sturm, T. O'Rourke, and C. Boeckx) [Spanish]

## Radio

- [1] [Buscando la Base Biologica del Lenguaje](#). *Principio de Incertidumbre (Canal Extremadura)*. March 3, 2020. [Spanish]

## Participation in Projects

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<b>Globularity and the emergence of the language-ready brain</b> Ministerio de Economía y Competitividad (PI: Cedric Boeckx)	December 2018–September 2019
<b>Logodiversity: On the nature of linguistic unity and diversity</b> Fundació Bosch i Gimpera/European Commission (PI: Cedric Boeckx) (Research Assistant)	June, 2013–June, 2014
<b>Arquivo Dialetal do CLUP</b> Center of Linguistics of the University of Porto (PI: João Veloso) Expansion of project below. First version available at <a href="http://cl.up.pt/arquivo/">cl.up.pt/arquivo/</a>	September, 2010→
<b>Fonotáticas: Arquivo Dialectal da FLUP/CLUP</b> Center of Linguistics of the University of Porto (PI: João Veloso) Database of recordings of European Portuguese	September, 2008–June, 2010

## Research Groups & Other Affiliations

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<b>University of Barcelona Institute of Complex Systems</b>	2017→
<b>Cognitive Biology of Language Group</b> (Main research group)	2012→
<b>Center for Brain and Cognition (Pompeu Fabra University)</b>	2015
<b>Center of Linguistics of the University of Porto</b> (Collaborator, Phonology Group)	2008→

## Service

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### Reviewing

#### Journals

<i>Biolinguistics</i>	2013
<i>Frontiers in Psychology</i>	2015 (×2), 2019 (×2)
<i>Journal of Language Evolution</i>	2020
<i>Llengua, Societat i Comunicació</i>	2015
<i>PLoS Biology</i>	2019 (×2)
<i>Primates</i>	2020
<i>Royal Society Open Science</i>	2019 (×3)

#### Conferences

<i>Evolang</i>	2018, 2020 (×4)
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## Dissertation committees

José Felipe Ramirez-Contreras — MA, Cognitive Science and Language (University of Barcelona) November 2020  
Raül Gómez Buisan — MA, Cognitive Science and Language (University of Barcelona) November 2020

## Conference & Workshop Organization

### Main organizer/Committee

*Workshop on Lenneberg* September 29, 2017 (Barcelona)  
*Protolang 5* September 26–28, 2017 (Barcelona)

### Assistance

*Comparative Biolinguistics: An Exploratory Workshop* November 28–29, 2013 (Barcelona)  
*ICREA International Symposium on Biolinguistics* October 1–12, 2012 (Barcelona)  
*Introduction to Biolinguistics* November 8, 2011 (Porto)  
*ENAPL* 2009 (Lisbon), 2010 (Porto)  
*ACBLPE* 2011 (Porto)  
*QUID NOVI?* 2009 (Porto), 2010 (Porto), 2011 (Porto)

## Teaching

### Guest lectures and tutelage of MA students (University of Barcelona)

Interdisciplinary applications of linguistic Concepts (570515)  
Vocal Learning across species Fall 2018, Fall 2019  
Philosophy of Biology Fall 2015

### Introduction to $\LaTeX$ (with Oriol Borrega)

Short course taught at the University of Barcelona (4 sessions) Spring 2013

## Editorship

Co-founding Editor (with João Veloso and Fátima Silva) of **elingUP** 2009–2011  
Open-access electronic journal devoted to the work of students of the University of Porto.

## Proofreading, Revising, Indexing, Typesetting (Credited)

- [1] Freitas, M. J.; Santos, A. L. 2017. *A aquisição de língua materna e não materna: Questões gerais e dados do português*. Berlin: Language Science Press (proofreading, typesetting, indexing)
- [2] Bickerton, D. 2016. *Roots of Language* (Classics in Linguistics 3). Berlin: Language Science Press. (proofreading)
- [3] Kempas, I.; Bartens, A. 2011. *Johdatus portugalin kielen ääntämiseen: Portugali ja Brasilia*. Seinäjoki: Seinäjoen korkeakoulukirjasto. (revising)

## Translation

Translation and revision for the University of Porto of their **Moodle** *e-learning* platform, from English into European Portuguese.

## Other Schools Attended

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**Introduction to Natural Phonology** July 2009  
University of Porto, Portugal  
Taught by Miren Oñederra

**Electroencephalography for Linguists** May 2009  
University of Stockholm, Sweden  
Taught by Francisco Lacerda



## Professional Societies

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Central European Cognitive Science Association	2015→
Associação Portuguesa de Linguística	2013–2016
Association for Linguistic Typology	2012–2015
Societas Linguistica Europæa	2012–2015

## Technical Skills

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**Productivity:** Adobe CS, common office suites

**Speech analysis/synthesis:** PRAAT, MBROLA

**Audio recording, editing:** Reaper, Logic Pro, Audacity; end-user knowledge of sound recording techniques and equipment

**Programming, markup, typesetting, etc.:** good knowledge of UNIX shell (bash, zsh),  $\LaTeX$ , Python, R, git, HTML, CSS, Markdown

**OS:** MacOS, Linux, Windows

## Languages

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**Portuguese** (native)

**English** (proficient)

**Spanish** (advanced)

**Catalan** (fair)

**French, Italian** (reading)

**Slovenian, Finnish** (basic)

## Non-Academic Positions

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**Inbenta Technologies**, Barcelona, Spain  
(Computational Linguist)

January, 2013–December, 2015