Alexander MARTIN

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Positions held

2017–	Postdoctoral researcher University of Edinburgh

Education

2017	PhD in Cognitive Science "Biases in phonological processing & learning" École Normale Supérieure – PSL Research University
2014	Master's of Cognitive Science, *with highest honors* (rank 1st/52) Focus: *Experimental Linguistics* "An Investigation into the Functional Load of Phonological Features and Perceptual Correlates" EHESS · ENS · Université Paris Descartes
2012	Bachelor's of Language Sciences, *with highest honors* Focus: *Theoretical & Descriptive Linguistics* Université Paris Diderot
2012	Bachelor's of Applied Modern Languages, *with highest honors* Focus: *English & German, Civilization Studies* Université Paris Diderot

Publications

Submitted manuscripts

- **Martin, A.**, & S. Peperkamp (in revision). Sensitivity to phonetic naturalness in phonological rules: evidence from learning and consolidation with sleep.

- **Martin, A.**, A. Guevara-Rukoz, T. Schatz, & S. Peperkamp (in revision). Phonetic naturalness and the shaping of sound patterns: the role of learning bias and its transmission across generations.

Journal Articles

- **Martin, A.**, & S. Peperkamp (2017). Assessing the distinctiveness of phonological features in word recognition: prelexical and lexical influences. *Journal of Phonetics*, 62, 1–11.

- **Martin, A.**, & S. Peperkamp (2015). Asymmetries in the exploitation of phonetic features for word recognition. *The Journal of the Acoustical Society of America*, 137(4), EL303–EL314.

- Fort, M., **A. Martin**, & S. Peperkamp (2015). Consonants are more important than vowels in the bouba-kiki effect. *Language and Speech*, 58(2), 247–266.

Conference Proceedings

- Fort, M., A. Weiss, **A. Martin**, & S. Peperkamp (2013). Looking for the bouba-kiki effect in prelexical infants. In: S. Ouni, F. Berthommier & A. Jesse (eds.) *Proceedings of the 12th International Conference on Auditory-Visual Speech Processing*, INRIA, 71–76.

Presentations

Oral Presentations

- **Martin, A.**, M. van Heugten, R. Kager, & S. Peperkamp (2018). "Relating perception and production in contact-induced change". The 15th Old World Conference in Phonology (OCP 15), January 12th–14th, 2018, London, United Kingdom.

- White, J., R. Kager, T. Linzen, G. Markopoulos, **A. Martin**, A. Nevins, S. Peperkamp, K. Polgárdi, N. Topintzi, & R. van de Vijver (2017). "Preference for locality is affected by the prefix/suffix asymmetry: Evidence from artificial language learning". The 48th Annual Meeting of the North East Linguistic Society (NELS 48), October 27th–29th, 2017, Reykjavík, Iceland (presented by J. White).

- White, J., R. Kager, T. Linzen, **A. Martin**, A. Nevins, S. Peperkamp, K. Polgárdi, N. Topintzi, & R. van de Vijver (2017). "Preference for locality is affected by the prefix/suffix asymmetry: Evidence from artificial language learning". The 25th Manchester Phonology Meeting, May 25th–27th, 2017, Manchester, United Kingdom (presented by J. White).

- **Martin, A.**, M. van Heugten, R. Kager, & S. Peperkamp (2016). "Phonological emergence in Dutch: Relating perception and production in contact-induced change". Satellite workshop of LabPhon 15 on Marginal Contrasts, July 17th, 2016, Ithaca, New York.

- **Martin, A.** & S. Peperkamp (2016). "Coalescing sources of bias in perception: Lexical and prelexical influences on the processing of phonological features". The 15th Conference of Laboratory Phonology, July 13th–17th, 2016, Ithaca, New York.

- Guevara-Rukoz, A., **A. Martin**, & S. Peperkamp (2015). "The role of phonetic naturalness in shaping sound patterns". Workshop on modeling variability in speech, Stuttgart, Germany, October 1st–2nd, 2015 (co-presented with A. Guevara-Rukoz).

- **Martin, A.** (2015). "Similarity in the lexicon: A new measure of functional load & experimental evidence". 23rd Conference of the Student Organization of Linguistics in Europe (ConSOLE XXIII), Paris, France, January 7th–9th, 2015.

- Fort, M., A. Weiss, **A. Martin**, & S. Peperkamp (2013). "Looking for the bouba-kiki effect in prelexical infants". 12th International Conference on Auditory-Visual Speech Processing, Annecy, France, August 29th–September 1st, 2013 (presented by M. Fort).

Poster Presentations

- **Martin, A.**, M. van Heugten, R. Kager, & S. Peperkamp (2016). "Relating perception and proudction in contact-induced change". Workshop on Linking social effects in language processing to social effects in language evolution, September 15th–16th, 2016, Nijmegen, The Netherlands.

- Peperkamp, S. & **A. Martin** (2016). "Sleep-dependent consolidation in the learning of natural vs. unnatural phonological rules". The 15th Conference of Laboratory Phonology, July 13th–17th, 2016, Ithaca, New York.

- Fort, M., A. Weiss, **A. Martin**, & S. Peperkamp (2013). "Looking for the bouba-kiki effect in prelexical infants". Workshop on Infant Language Development, Donostia, Spain, June 20th–22nd, 2013 (presented by S. Peperkamp).

- Fort, M., A. Weiss, **A. Martin**, & S. Peperkamp (2013). "Looking for the bouba-kiki effect in prelexical infants". International Child Phonology Conference 2013, June 10th–12th, 2013, Nijmegen, The Netherlands (presented by M. Fort).

- Fort, M., **A. Martin**, & S. Peperkamp (2013). "Consonants are more important than vowels for the maluma-takete effect". The 11th International Symposium of Psycholinguistics, March 20th–23rd, 2013, Tenerife, Spain (co-presented with M. Fort).

Invited Talks

- Queen Mary University, LingLunch (February, 2018)

- Université Paris Diderot, LingLunch (October, 2016)

- Utrecht Univeristy, Experimental Linguistics Talks in Utrecht (ELiTU) (June, 2016)

Teaching (at the Department of Cognitive Science of the École Normale Supérieure)

Introduction to Phonology (with M. Giavazzi)
Fall term 2014, 2015, 2016 · 12-week graduate course

- Helped select and design course content
- Focus on rule-based and OT frameworks (main readings: Hayes, 2008 and Kager, 2004)
- Led section (2 hours per week)
- Gave various lectures
- Designed and graded all problem sets
- Prepared and graded midterm evaluation

Topics in Phonology (with A. Cristia)
Spring term 2015, 2016 · 12-week graduate course

- Collection of modules on various topics in phonology (i.a., tonal phonology, prosodic hierarchy, lexical organization)
- TA duties (e.g., mini-quiz preparation and grading, attendance)
- Taught module (two lectures) on *Evolutionary Phonology* (Blevins, 2004)
- Taught module (two lectures) on phonolexical structure (Itô & Mester, 2008; Albright, 2009)

Service Activities

- Co-creator of the `#barbarplots` initiative to raise awareness about data visualization techniques, including the associated Kickstarter which raised over 3,400€ (2016)

- Co-founder and treasuror of the DEC Life scientific and cultural association (2015–2016)

- Official translator (English/French) of the Department of Cognitive Science at the ENS (from 2015, paid service)

- Creation and organization of the Phonology Journal Club at the LSCP (with Yue Sun) (2014–2016)

- Coordination of the lab-wide Writing Group at the LSCP (2014–2015)

- Creation and organization of the department-wide Language Groups (2014–2016)

- Ad-hoc reviewing for *Linguistic Inquiry*, OCP, *Journal of Phonetics*

Grants & Awards

- Travel award to attend the BITSS Research Transparency and Reproducibility Training workshop (2017)

- Travel award to attend the 15th Conference of Laboratory Phonology, $400 (2016)

- PhD grant for "Life and Health Sciences" from PSL Research University (2014–2017)

- PhD grant offer from the *Cerveau, Cognition, Comportement* Doctoral School (declined)

In the Media

- Research featured in a popular science article in Scientific American: "Does an M Sound Round to You?" written by Anne Pycha (`http://www.scientificamerican.com/article/does-an-m-sound-round-to-you/h`) (November, 2015)

- Research featured in a popular science article from the newsmagazine Vice: "The Parts of Speech" written by Ben Richond (`motherboard.vice.com/read/the-parts-of-speech`) (April, 2015)