

# Matías Guzmán Naranjo

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CV

## Education

- 2008–2012 **BA German Philology**, *Universidad Nacional de Colombia*, Bogotá.  
2012–2014 **MA Allgemeine Sprachwissenschaft**, *Westfälische Wilhelms-Universität Münster*, Münster.  
2014–2017 **PhD General Linguistics**, *Universität Leipzig*, Leipzig.

## Languages

- Spanish Native  
English C1-C2  
German C1-C2  
Russian A1-A2

## MA Thesis

- Title **La alternación Inacusativa-Pronominal de los verbos psicológicos en español: Un análisis cuantitativo-construccional.**  
Supervisors **Prof. Dr. Bernard Hurch, Prof. Dr. Volker Noll.**  
Grade **1.0.**

## PhD Thesis

- Title **Analogy in formal grammar..**  
Supervisors **Prof. Dr. Doris Schönefeld, Prof. Dr. Olivier Bonami, Prof. Dr. Martin Haspelmath.**  
Grade **Suma cum laude.**

## Work experience

- 2021- **Posdoc, Eberhard Karls Universität Tübingen.**  
2019-2021 **Posdoc, Université de Paris, LLF.**  
2017-2019 **Wissenschaftliche Mitarbeite, Heinrich Heine Universität Düsseldorf.**

## Taught courses

- 2021 **Word and Paradigm Morphology**, *Universität de Tübingen.*  
2021 **Morphologie avancée**, *Université de Paris.*

- 2020 **Morphologie avancée**, *Université de Paris*.
- 2018 **An introduction to syntactic theory in HPSG**, *Heinrich Heine Universität Düsseldorf*.
- 2016 **Class on basic corpus linguistic techniques**, *Universität Leipzig*.
- 2015 **An introduction to corpus linguistic methods**, *Westfälische Wilhelms-Universität Münster*.

## Books

- 2019 **Analogical classification in formal grammar**, Langsci Press.

## Book chapters

- 2018 **Gender encoding on hybrid nouns in Bosnian / Croatian / Serbian: Experimental evidence from ellipsis.**, *In: Advances in formal Slavic linguistics 2016: <http://langsci-press.org/catalog/book/189>*, [with Zorica Puškar and Andrew Murphy].

## Edited volumes

- 2016 **Replicative Processes in Grammar. Vol 93. of LinguistischeArbeitsberichte(LAB)**, *Universität Leipzig*, [With: Katja Barnickel, Johannes Hein, Sampson Korsah, Andrew Murphy, Ludger Paschen, Zorica Puškar and Joanna Zaleska.].

## Journal Publications

- 2021 **Coding efficiency in nominal inflection: Expectedness and type frequency effects**, *Linguistic Vanguard. Volume 7, number s3.*, [With: Laura Becker].
- 2020 **Psych predicates in European languages. A parallel corpus study**, *STUF - Language Typology and Universals. Volume 73, number 4.*, [With: Laura Becker].
- 2020 **Analogy, complexity and predictability in the Russian nominal inflection system**, *Morphology 30, p. 219-262.*
- 2017 **Resolving unexpected case concord in German A-N-N compounds**, *The Journal of Comparative Germanic Linguistics 20.2.*, [With: Katja Barnickel], <https://link.springer.com/article/10.1007/s10828-017-9089-x>.
- 2017 **The se-ra alternation in Spanish subjunctive**, *Corpus Linguistics and Linguistic Theory 13.1.*, <https://www.degruyter.com/view/j/cllt.ahead-of-print/cllt-2015-0017/cllt-2015-0017.xml>.
- 2013 **La subjetivización del de que en el español de Colombia**, *Linguamatica 5.2*.

## Peer Reviewed Proceedings papers

- 2021 **Multiple alignments of inflectional paradigms**, *Proceedings of the Society for Computation in Linguistics (SCiL). Vol. 4*, [With: Sacha Beniamine].

- 2019 **Analogy-based Morphology: The Kasem number system**, *Proceedings of the 26th International Conference on Head-Driven Phrase Structure Grammar, September, 2019, University of Bucharest, Romania*. Pages 26–41 <http://web.stanford.edu/group/cslipublications/cslipublications/HPSG/2019/hpsg2019-guzmannaranjo.pdf>.
- 2018 **Quantitative Word Order Typology with UD**, *Proceedings of the 17th International Workshop on Treebanks and Linguistic Theories (TLT 2018), December 13–14, 2018, Oslo University, Norway*. Issue 155. 91-104. <http://www.ep.liu.se/ecp/article.asp?issue=155&article=010&volume=>, [with Laura Becker].
- 2015 **Quantitative evidence, collostructional analysis and lexical approaches to argument structure.**, In: *Proceedings of the Fourteenth International Workshop on Treebanks and Linguistic Theories (TLT14)*. 83–92. [http://tlt14.ipipan.waw.pl/index.php/download\\_file/view/17/152/](http://tlt14.ipipan.waw.pl/index.php/download_file/view/17/152/).
- 2015 **Naturalness bias in palatalization: An experimental study**, *Nordlyd 42*, Working Papers: <http://septentrio.uit.no/index.php/nordlyd/article/view/3737> [with Joanna Zaleska].

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### Other Proceedings papers

- 2016 **The structure of hybrid nouns in Bosnian/Croatian/Serbian: Experimental evidence from ellipsis.**, In: *Proceedings of FDSL 12*: <http://home.uni-leipzig.de/muellerg/igra2/publikationen/Murphy-Puskar-GuzmanNaranjo2017.pdf>, [with Zorica Puškar and Andrew Murphy].
- 2015 **Unifying everything: Integrating quantitative effects into formal models of grammar.**, In: *Proceedings of the 6th Conference on Quantitative Investigations in Theoretical Linguistics*: <https://publikationen.uni-tuebingen.de/xmlui/handle/10900/67216>.

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### Working papers

- 2016 **Closing by repetition: A formal account of replicative mechanisms in closing sequences**, In K. Barnickel, M. Guzmán Naranjo, J. Hein, S. Korsah, A. Murphy, L. Paschen, Z. Puškar, J. Zaleska (eds.). *Replicative Processes in Grammar. Vol 93. of Linguistische Arbeitsberichte (LAB), Universität Leipzig*, pp. 377-398, Working Papers: [http://www.uni-leipzig.de/~asw/lab/lab93/LAB93\\_13\\_guzman\\_paschen.pdf](http://www.uni-leipzig.de/~asw/lab/lab93/LAB93_13_guzman_paschen.pdf) [with Ludger Paschen].
- 2014 **The se-ra alternation in Spanish subjunctive**, In A. Assmann, S. Bank, D. Georgi, T. Klein, P. Weisser and E. Zimmermann (eds.). *Topics at InfL. Vol 92. of Linguistische Arbeitsberichte (LAB), Universität Leipzig*, Working Papers: [http://www.uni-leipzig.de/~asw/lab/lab92/LAB92\\_04\\_guzman-naranjo.pdf](http://www.uni-leipzig.de/~asw/lab/lab92/LAB92_04_guzman-naranjo.pdf).

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### (Co-)organized events

- 2019 **Computer Linguistic Poster session, DGFS, Bremen 2019.**

- 2017 **ConSOLE XXV, Leipzig 2017**, [Together with: Joana Zaleska, Andrew Murphy, Zorica Puškar, Ludger Paschen, Johannes Hein, Sampson Korsah, Siri Gjersøe, Laura Becker, Yuriy Kushnir, Jude Nformi].  
<http://conference.uni-leipzig.de/console25/>

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## Invited Talks

- 2019 **Analogical blocks in inflectional morphology**, Berlin, 12/2019.  
2019 **Analogy-based Morphology**, Barcelona, 05/2019.  
2017 **Analogy in formal grammar. On the Kasem number system**, Düsseldorf, 03/2017.  
2016 **Quantitative effects and formal models of grammar**, Frankfurt, 06/2016.  
2016 **Quantitative effects and formal models of grammar**, Paris Diderot, 02/2016.

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## Talks and Poster Presentations

- 2020 **Distributional assessment of derivational semantics**, *SLE. Online, August 2020*, [With Olivier Bonami].  
2020 **Inflection class and semantic analogies**, *International Morphology Meeting. Vienna, January 2020*.  
2019 **The role of morphology in gender assignment in French**, *ISMO. Paris, November 2019*, [With Olivier Bonami and Delphine Tribout].  
2019 **Word-order correlations revisited: gradient instead of canonical orders**, *13th Conference of the Association for Linguistic Typology, Pavia, September 2019*, [With Laura Becker].  
2019 **Analogy-based Morphology in HPSG: The Kasem number system**, *26 International Conference on Head-Driven Phrase Structure Grammar, Bucharest, July 2019*.  
2018 **Quantitative word order typology with UD**, *Treebanks and Linguistic Theory. Oslo, December 2018*, [With Laura Becker].  
2018 **Word order correlations from a quantitative perspective**, *Grammar and Corpora. Paris, November 2018*, [With Laura Becker].  
2018 **A clustering method for tree family induction for Tree Adjoining Grammars**, *Grammar and Corpora. Paris, November 2018*, [With Laura Kallmeyer and Simon Petitjean].  
2018 **Proportional analogies in typed systems**, *EW-HPSG. Frankfurt, June 2018*.  
2018 **Proportional analogies in typed systems**, *International Morphology Meeting. Budapest, May 2018*.  
2017 **Gender mismatches with NP ellipsis in Bosnian/Croatian/Serbian**, *Resolving Conflicts Across Borders Conference / SinFonIJA 10, Dubrovnik, 10/2017*, [With Zorica Puškar and Andrew Murphy].  
2017 **Testing the Form-Frequency Hypothesis in case systems**, *SLE, Zürich, 9/2017*, [With Laura Becker].

- 2017 **Quantitative methods in African linguistics - Predicting plurals in Hausa**, *ACAL*, 04/2017, [With Laura Becker].
- 2017 **Coding asymmetries, frequency and predictability: The case of *to* vs *from***, *DGFS*, 3/2017, [With Laura Becker].
- 2016 **The structure of hybrid nouns in Serbian: Evidence from mismatches under NP ellipsis**, *FDSL*, 12/2016, [With Andrew Murphy and Zorica Puškar], [Statistical analysis].
- 2016 **Overabundance as hybrid inflection. Quantitative evidence from Czech**, *GAC*, 11/2016, [With Olivier Bonami].
- 2016 **Psych predicates from a cross-linguistic perspective**, *SWL*, 08/2016, [With Laura Becker].
- 2016 **Psych predicates from a cross-linguistic perspective**, *Olinco*, 06/2016, [With Laura Becker].
- 2016 **Comparing Naive Discriminative Learning, Sublexicon Phonotactics, and Analogical Learning**, *Olinco*, 06/2016, [With Elena Pyatigorskaya].
- 2016 **Clicks in interaction from a cross-linguistic perspective: A construction-based approach**, *ConSOLE XXIV*, 01/2016, [With Ludger Paschen].
- 2015/2016 **Unifying everything: Unifying everything: Integrating quantitative effects into formal models of grammar**, *ConSOLE XXIV*, 01/2016.
- 2015/2016 **Unifying everything: Unifying everything: Integrating quantitative effects into formal models of grammar**, *QITL6*; 11/2015.
- 2015 **Probing the naturalness bias in learning stress - A cross-linguistic study**, *ConSOLE XXIII*; 01/2015, [With Joanna Zaleska].
- 2014 **Naturalness bias in palatalization: an experimental study**, *Palatalization Conference, Tromso*; 12/2014, [With Joanna Zaleska].
- 2014 **No need for rules in the -ez/-eza Spanish nominalization**, *PALC, Łódź, Poland*; 11/2014.
- 2014 **Conference Paper: The -se/-ra alternation in Spanish imperfect subjunctive**, *CSDL 2014, Santa Barbara*; 11/2014.
- 2013 **Quantitative Analysis of the Unaccusative-Pronominal Alternation**, *Quantitative approaches in corpus linguistics and psycholinguistics: Word order and constituent order, Paris, France*; 10/2013.

## Academic stays abroad

03-04.2016 **Research stay at University Paris 7.**

## Grants

09-2018 **NVIDIA grant for Titan Xp.**

## General interests

Main interests **Typology, morphology, corpus linguistics.**

Secondary interests **Computational linguistics, HPSG.**

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## IT and other skills

Advance **R language, Scheme/Racket, (Bayesian) Statistics, Data Visualization, Corpus methods, L<sup>A</sup>T<sub>E</sub>X.**

Intermediate **STAN, (R)C++, Julia, NLP.**