

DAVID P MEDEIROS

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CURRICULUM VITAE

EDUCATION:

August 2012: Ph.D. in Linguistics, University of Arizona

Dissertation: *Economy of Command*

Advisor: Andrew Carnie

Specialization in Syntax, with a minor in Semantics

May 2000, B.S. in Mathematics (Minor in Spanish), University of Arizona

EMPLOYMENT:

2013-2015 & 2017: Adjunct Instructor at the University of Arizona

- LING/PHIL 211: Meaning in Language & Society (online; Spring 2017)
- ENGL/LING 322: The Structure & Meaning of Words (online; Spring 2017)
- LING 696a: Topics in Syntax & Semantics (Spring 2015)
- LING 300: Introduction to Syntax (Fall 2012, Spring 2013 & Spring 2014)
- LING 178: The Mathematics of Language & Linguistics (Spring 2013)

2014-2015: Post-doctoral researcher at the University of Arizona.

2004-2012: Graduate Assistant/Associate at the University of Arizona.

- Instructor of Record
 - INDV 101: Mind, Self, & Language (Fall 2009 & Fall 2010)
 - LING 201: Introduction to Linguistics (Summer 2008)
 - LING/PHIL 211: Meaning in Language & Society (Spring 2011 & Spring 2012).
- Graduate Research Assistant
 - Aided a faculty committee developing curriculum for a new class, LING 178: The Mathematics of Language & Linguistics (Spring 2004)
 - Assisted Jennifer Croissant on the NSF project “Virtual Values and Academic Work: Research, Service, and Teaching,” (Spring 2009)
 - Assisted Dr. Andrew Carnie in developing a new edition of his Syntax textbook and related instructional materials (Summer 2011).
- Graduate Teaching Assistant
 - INDV 101: Mind, Self, & Language
 - LING 300: Introduction to Syntax
 - LING 322: The Structure & Meaning of English Words
 - LING/PHIL 211: Meaning in Language & Society
 - LING/SLAT 403/503: Foundations of Syntactic Theory

AWARDS AND FELLOWSHIPS:

UA Excellence Graduate Fellow in the Social Sciences, Spring 2010.

PUBLICATIONS:

2018. "ULTRA: Universal Grammar as a Universal Parser." *Frontiers In Psychology*, section Language Sciences, Research Topic *Approaches to Language: Data, Theory, and Explanation*. Ed. Gallego, Angel.
<https://doi.org/10.3389/fpsyg.2018.00155>

To appear. David P. Medeiros & Massimo Piattelli-Palmarini. "The Golden Phrase: Steps to the Physics of Language." In Gallego, Angel J. and Roger Martin, eds., *Language, Syntax, and the Natural Sciences*. Cambridge University Press.

2016. David P. Medeiros, Thomas G. Bever & Massimo Piattelli-Palmarini. "Many important language universals are not reducible to processing or cognition." Reply to Christianen, Morten H., and Nick Chater, "The Now-or-Never Bottleneck: A Fundamental Constraint on Language." *Behavioral and Brain Sciences* 39 (2016) 42-43.

2012. *Economy of Command*. PhD Dissertation, University of Arizona Linguistics Department.

2008. "Optimal growth in phrase structure." *Biolinguistics* 2.2-3: 152-195.

2006. Carnie, Andrew & David Medeiros. *Syntax: Instructor's Handbook*. Oxford: Blackwell Publishers.

2005. Carnie, Andrew & David Medeiros. "Tree maximization and the Extended Projection Principle." *Coyote Working Papers in Linguistics* 14: 51-55.

WORK IN PREPARATION:

"Stack sorting: Universal 20 and the Final-Over-Final Constraint."

CONFERENCE PRESENTATIONS & INVITED TALKS:

2017. "ULTRA: Universal Grammar as universal parser." *Arizona Linguistics Circle 11*, University of Arizona, Tucson, AZ, October 21.

2017. "Universal Grammar, universal parsing, and Universal 20." *Department of Spanish and Portuguese Linguistics Colloquium*, University of Arizona, Tucson, AZ, September 15.

2017. "One grammar, many orders: The ULTRA Model." *Linguistics Department Colloquium*, University of Arizona, Tucson, AZ, April 28.

2017. "ULTRA and the Physics of Language." *Physics of Language Workshop*, University of Arizona, Tucson, AZ, April 22.

2017. "The ULTRA Model and Universal 20." (Poster, with Ryan Walter Smith)

- Linguistic Society of America*, Austin, TX, January 6.
2016. “ULTRA: Lexical items as processes, not atoms; Syntax as timing, not geometry.” Plenary talk, *Linguistics Conference at the University of Georgia-Athens 3*, Athens, GA, October 7.
2016. “Queue Left, Stack-sort Right: Syntactic structure without Merge.” *Physics of Language Symposium*, Sophia University, Tokyo, March 5.
2012. “Steps to the Physics of Language.” with Massimo Piatelli-Palmarini. *Arizona State University Cognitive Science Conclave*, Tempe, AZ, December 8.
2012. “Generalized Syntactic Recurrence; Growth, Dimensionality, and Factorization.” *Arizona State University/University of Arizona Linguistics Symposium*, Tucson, AZ, April 21.
2012. “Movement as tree-balancing: an account of Greenberg’s Universal 20.” *Linguistic Society of America*, Portland, OR, January 7.
2011. “X-bar Structure and the Golden String.” *Workshop on Complex Systems in Linguistics*, University of Southampton, UK, September 5.
2010. “Displacement as structural optimization: motivating roll-up movement.” *Arizona Linguistics Circle 4*, University of Arizona, Tucson, AZ, October 17.
2008. “Projection as an epiphenomenon of optimal packing.” *Ways of Structure Building*, University of the Basque Country, Vitoria-Gasteiz, Spain, November 14.
2008. “Economy of command: X-Bar and displacement as optimal packing solutions.” *Arizona Linguistics Circle Conference 2*, University of Arizona, Tucson, AZ, November 1.
2006. “A labeling account of pied-piping with inversion.” *Linguistic Society of America*, Albuquerque, NM, January 6.

SERVICE:

Secretary, Arizona Linguistics Circle, 2006 – 2007.

Organizer, Arizona Syntax Salon, Fall 2005 – 2006.

Reviewer for Arizona Linguistics Conference 1, 2007.

Reviewer for *Biolinguistics*, 2010-2013.

Reviewer for Gallego, Á. J. (Ed.). (2012). *Phases: Developing the Framework* (Vol. 109). De Gruyter Mouton.

Reviewer for *Language Under Discussion*, 2017.

Student Organizer, 1st Organizational Meeting of the International Network in Bilingualism, February 2008.

Supervisor for Ray Daniels' internship project in the Human Language Technology Master's program, Spring 2016.

REFERENCES:

Thomas Bever, Regents' Professor of Cognitive Science, Linguistics, and Psychology, University of Arizona. tgb@email.arizona.edu (520) 626-6366

Andrew Carnie, Professor of Linguistics and Dean of the Graduate College, University of Arizona. carnie@email.arizona.edu (520) 621-7815

Noam Chomsky, Laureate Professor of Linguistics and Agnese Nelms Haury Chair, University of Arizona. noamchomsky@email.arizona.edu (520) 621-6897

Heidi Harley, Professor of Linguistics, University of Arizona.
hharley@email.arizona.edu (520) 626-3554

Massimo Piattelli-Palmarini, Professor of Cognitive Science, Linguistics, and Philosophy, University of Arizona. massimo@email.arizona.edu (520) 626-6913