LING 251: Phonology-Morphosyntax Interface
UCLA, Fall 2023

Instructor: Sam Zukoff
Contact: samzukoff@ucla.edu, samzukoff@gmail.com
Office: Campbell 2210B
Lecture: Thursdays 1:00pm–3:50pm in Campbell 2122A
Office hours: By appointment
Course website: BruinLearn

Course Description

There is widespread disagreement about how much of morphology is actually morphology, i.e. governed by an autonomous grammatical module, as opposed to just an extension of the syntax, or just an extension of the phonology, or just the interface between the two. This course will explore the idea that core functions of "morphology" are to be best understand as phonology-morphosyntax interface phenomena. The focus of the course will be two wide-ranging empirical phenomena: **allomorphy/exponence** and **morpheme ordering/linearization**. These will be used as grounds for teasing apart what kinds of information (e.g. syntactic, morphosyntactic, phonological, lexical, etc.) the grammar needs access to — and crucially, *when* — in order to properly generate the sorts of patterns and interactions that are attested in natural language.

We will largely be comparing two types of approaches, which we might describe as: (i) ***morphology in the phonology***, where constraints relating to morphology interact transparently with phonological constraints in an output-oriented evaluation; vs. (ii) ***phonology in the morphology/morphosyntax***, where (certain) phonological information is directly visible to the morphological computation, but resolved via subcategorization rather than constraint interaction. This comparison will bear on major questions about grammatical architecture, including serial vs. parallel derivation, transparency vs. opacity, modularity vs. non-modularity, rules vs. constraints, and more.

The morphosyntactic aspects of this course will primarily be couched in Distributed Morphology (DM), but we will frequently be comparing this to unorthodox derivatives of DM, and indeed alternative frameworks. The phonological aspects of this course will be couched in Optimality Theory (OT) and its derivatives. One goal of the course is to think more carefully about how these two theories can and must interact.

Prerequisites

Graduate coursework in phonology and syntax.

Requirements

- Two puzzle presentations throughout the quarter
- Final paper
- Weekly readings and in-class participation

In Week 5, everyone will present a puzzle relating to allomorphy/exponence. In Week 10, everyone will present a puzzle relating to morpheme order/linearization. These can be data-focused, and you don't need to have an analysis fully worked out (though of course you can). I'm envisioning us working through the puzzles as a group. Your final paper can be based on one (or, if relevant, both) of your puzzles, though it doesn't have to be.

Schedule and Readings

All readings will be posted on BruinLearn.

Part I: Allomorphy			
Week 0	9/28	Introduction to allomorphy	Carstairs-McCarthy (1988), Nevins (2011), Bonet & Harbour (2012)
Week 1	10/5	Phonologically-conditioned allomorphy	Paster (2009), Bonet, Lloret, & Mascaró (2007), Mascaró (2007)
Week 2	10/12	Cyclic spellout and structure-conditioned allomorphy	Gouskova & Bobaljik (2020), Bobaljik (2000), Deal & Wolf (2017)
Week 3	10/19	Suppletion and containment; Bracketing paradoxes	Bobaljik (2012, 2015), Smith et al. (2019), Newell (2019)
Week 4	10/26	Puzzle presentations; Level ordering	Kiparsky (1982), Fabb (1988), Stanton & Steriade (2014)
Part II: Morpheme order			
Week 5	11/2	The Mirror Principle and Cyclic Concatenation	Baker (1985), Rice (2000, 2011), Embick (2007)
Week 6	11/9	Templatic morphology and parallel alternatives to Cyclic Concatenation	Zukoff (2023a,b), Hyman (2003), Ryan (2010), McCarthy & Prince (1993)
Week 7	11/16	Mobile affixation	Kim (2010), Zukoff (2021)
Week 8	11/23	*No class – Happy Thanksgiving!*	
Week 9	11/30	Infixation	Kalin (2022), Yu (2007)
Week 10	12/7	Puzzle presentations; Phonologically-conditioned affix order	Paster (2009) [again], Benz (2018)

References

Baker, Mark. 1985. The Mirror Principle and Morphosyntactic Explanation. *Linguistic Inquiry* 16(3):373–415.

Benz, Johanna. 2018. Phonologically Conditioned Affix Order. Talk Presented at Atelier de Phonologie SFL (Structures Formelles Du Langage), CNRS/Paris 8, February 21, 2018. https://www.johannabenz.com/uploads/1/2/1/3/121373044/parispcao.pdf.

Bobaljik, Jonathan David. 2000. The Ins and Outs of Contextual Allomorphy. In Kleanthes K. Grohmann & Caro Struijke (eds.), *University of Maryland Working Papers in Linguistics 10*, 35–71. College Park, MD: University of Maryland, Department of Linguistics.

———. 2012. *Universals in Comparative Morphology: Suppletion, Superlatives, and the Structure of Words*. Cambridge, MA: MIT Press.

———. 2015. Suppletion: Some Theoretical Implications. *Annual Review of Linguistics* 1(1):1–18. doi:10.1146/annurev-linguist-030514-125157.

Bonet, Eulàlia & Daniel Harbour. 2012. Contextual allomorphy. In Jochen Trommer (ed.), *The Morphology and Phonology of Exponence*, 195–235. Oxford: Oxford University Press.

Bonet, Eulàlia, Maria-Rosa Lloret & Joan Mascaró. 2007. Allomorph Selection and Lexical Preferences: Two Case Studies. *Lingua. International review of general linguistics. Revue internationale de linguistique générale* 117:903–927.

Carstairs-McCarthy, Andrew. 1988. Some Implications of Phonologically Conditioned Suppletion. In Geert E. Booij & Jaap van Marle (eds.), *Yearbook of Morphology 1988*, vol. 1, 67–94. Kluwer.

Deal, Amy Rose & Matthew Wolf. 2017. Outward-Sensitive Phonological ly Conditioned Allomorphy in Nez Perce. In Vera Gribanova & Stephanie S. Shih (eds.), *The Morphosyntax-Phonology Connection: Locality and Directionality at the Interface*, 29–60. New York: Oxford University Press. doi:10.1093/acprof:oso/9780190210304.001.0001.

Embick, David. 2007. Linearization and Local Dislocation: Derivational Mechanics and Interactions. *Linguistic Analysis* 33(3–4):303–336.

Fabb, Nigel. 1988. English Suffixation Is Constrained Only by Selectional Restrictions. *Natural Language & Linguistic Theory* 6(4):527–539.

Gouskova, Maria & Jonathan David Bobaljik. 2020. Allomorphy and Vocabulary Insertion. Ms., NYU & Harvard University. (Under review in the Handbook of Distributed Morphology, Cambridge University Press).

Hyman, Larry M. 2003. Suffix Ordering in Bantu: A Morphocentric Account. In Geert Booij & Jaap van Marle (eds.), *Yearbook of Morphology 2002*, 245–281. Kluwer.

Kalin, Laura. 2022. Infixes Really are (Underlyingly) Prefixes/Suffixes: Evidence from Allomorphy on the Fine Timing of Infixation. *Language* 98(4):641–682. doi:10.1353/lan.2022.0017.

Kim, Yuni. 2010. Phonological and Morphological Conditions on Affix Order in Huave. *Morphology* 20(1):133–163. doi:10.1007/s11525-010-9149-2.

Kiparsky, Paul. 1982. Lexical Morphology and Phonology. In I.-S. Yang (ed.), *Linguistics in the Morning Calm*, 3–91. Seoul: Hanshin.

Mascaró, Joan. 2007. External Allomorphy and Lexical Representation. *Linguistic Inquiry* 38(4):715–735.

McCarthy, John J. & Alan Prince. 1993. Generalized Alignment. In Geert Booij & Jaap van Marle (eds.), *Yearbook of Morphology 1993*, 79–153. Kluwer. doi:10.1007/978-94-017-3712-8˙4.

Nevins, Andrew. 2011. Phonologically Conditioned Allomorph Selection. In Marc van Oostendorp, Colin J. Ewen, Elizabeth Hume & Keren Rice (eds.), *The Blackwell Companion to Phonology*, vol. IV (Phonological Interfaces), 1–26. John Wiley & Sons, Ltd.

Newell, Heather. 2019. Bracketing Paradoxes in Morphology. In Rochelle Lieber (ed.), *Oxford Encyclopedia of Morphology* (Oxford Research Encyclopedia of Linguistics). Oxford: Oxford University Press. doi:10.1093/acrefore/9780199384655.013.589.

Paster, Mary. 2009. Explaining Phonological Conditions on Affixation: Evidence from Suppletive Allomorphy and Affix Ordering. *Word Structure* 2(1):18–37. doi:10.3366/E1750124509000282.

Rice, Keren. 2000. *Morpheme Order and Semantic Scope: Word Formation in the Athabaskan Verb*. Cambridge, UK: Cambridge University Press.

———. 2011. Principles of Affix Ordering: An Overview. *Word Structure* 4(2):169–200. doi:10.3366/word.2011.0009.

Ryan, Kevin M. 2010. Variable Affix Order: Grammar and Learning. *Language* 86(4):758–791.

Smith, Peter W., Beata Moskal, Ting Xu, Jungmin Kang & Jonathan David Bobaljik. 2019. Case and Number Suppletion in Pronouns. *Natural Language & Linguistic Theory* 37(3):1029–1101. doi:10.1007/s11049-018-9425-0.

Stanton, Juliet & Donca Steriade. 2014. Stress Windows and Base Faithfulness in English Suffixal Derivatives. Paper presented at mfm 22 Manchester, UK.

Yu, Alan C. L. 2007. *A Natural History of Infixation*. Oxford: Oxford University Press.

Zukoff, Sam. 2021. A Parallel Approach to Mobile Affixation in Huave. In Ryan Bennett, Richard Bibbs, Mykel Loren Brinkerhoff, Stephanie Rich, Nicholas Van Handel & Maya Wax Cavallaro (eds.), *Supplemental Proceedings of the 2020 Annual Meeting on Phonology*, 1–12. doi:10.3765/amp.v9i0.4910.

———. 2023a. The Mirror Alignment Principle: Morpheme Ordering at the Morphosyntax-Phonology Interface. *Natural Language & Linguistic Theory*. 41(1):399–458. doi:10.1007/s11049-022-09537-2.

———. 2023b. The Mirror Principle and Pseudo-cyclicity in Bantu Templatic Morphology. Talk Presented at UCLA Phonology Seminar, UCLA, May 31, 2023.