

Kyle Gorman

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Research assistant professor, Center for Spoken Language Understanding, Oregon Health & Science University, 2013–current.

RESEARCH

Phonology and phonetics; language acquisition; speech and language technology

EDUCATION

Postdoctoral researcher, Center for Spoken Language Understanding, Oregon Health & Science University, Portland, OR, 2013.

Doctor of Philosophy, Linguistics, University of Pennsylvania, Philadelphia, PA, 2013.

Visiting student, Information Sciences Institute, University of Southern California, Marina del Rey, CA, 2009.

Bachelor of Arts, Linguistics (with highest departmental distinction), University of Illinois at Urbana-Champaign, Urbana, IL, 2006.

PEER-REVIEWED ARTICLES

Real-time trends in the Texas English vowel system: F2 trajectory in GOOSE as an index of a variety's ongoing delocalization (with L. Hinrichs & A. Bohmann). *Rice Working Papers in Linguistics* 4, 2013.

Prosodylab-Aligner: A tool for forced alignment of laboratory speech (with J. Howell & M. Wagner). *Journal of the Canadian Acoustical Association* 39(3): 192-193, 2011.

Cross-derivational feeding is epiphenomenal (with J. Fruehwald). *Studies in the Linguistic Sciences* 2011: 36–50, 2011.

ARTICLES IN REVIEW

Uh and *um* in children with autism spectrum disorders or language impairment (with L. Olson, A. Presmanes Hill, R. Lunsford, P. Heeman, and J. van Santen).

Memory in language-impaired children with and without autism (with A. Presmanes Hill, J. van Santen, B. Langhorst, & E. Fombonne).

When language fails: On productivity and paradigmatic gaps (with C. Yang, J. Preys & M. Borowczyk).

CHAPTERS

Quantitative analysis (with D.E. Johnson). R. Bayley, R. Cameron & C. Lucas (ed.), *The Oxford Handbook of Sociolinguistics*, 214–240, 2013.

PROCEEDINGS PAPERS

Discriminative pronunciation model for dialectal speech recognition (with M. Lehr & I. Shafran). In *Proceedings of INTERSPEECH*, 1458–1462, 2014.

Revisiting frequency and storage in morphological processing (with C. Lignos). *Proceedings of the 48th annual meeting of the Chicago Linguistic Society*, 447–461, 2012.

Rhotacism in Latin. In *Proceedings of the 48th annual meeting of the Chicago Linguistic Society*, 279–293, 2012.

A program for phonotactic theory. In *Proceedings of the 47th annual meeting of the Chicago Linguistic Society*, 79–93, 2011.

The consequences of multicollinearity among socioeconomic predictors of negative concord in Philadelphia. In M. Lerner, ed., *U. Penn Working Papers in Linguistics 16.2: Selected papers from NWAV 38*, 66–75, 2010.

Perception of disfluency: Language differences and listener bias (with C. Lai, J. Yuan & M. Liberman). In *Proceedings of INTERSPEECH*, 2345–2348, 2007.

TECHNICAL REPORTS

Hierarchical regression for language research. University of Pennsylvania IRCS Technical Report 09-02, 2009.

REVIEWS

Brown 2010, *Gitksan phonotactics*. *eLanguage*. URL <http://elanguage.net/blogs/booknotices/?p=2530>.

Baerman et al. 2010 (ed.), *Defective paradigms: Missing forms and what they tell us*. *Linguist List* 22.2894, 2011.

TEACHING

Natural Language Processing, Oregon Health & Science University.

Research Programming (with A. Kain), Oregon Health & Science University.

Guest lecturer, Special topics in empirical research methods, Oregon Health & Science University.

TA, Introduction to Linguistics, University of Pennsylvania.

TA, Writing Systems, University of Pennsylvania.

INVITED TALKS

McGill University, 5/10/14.

University of Connecticut, Storrs, 10/16/13.

University of Oregon, 4/2/13.

Reed College, 1/31/13.

Oregon Health & Science University, 6/13/12.

University of Chicago, 10/14/11.

Hunter College, 9/9/11.

New York University, 3/4/11.

University of California, Santa Cruz, 2/10/11.

Concordia University, 2/4/11.

EDITED VOLUMES

University of Pennsylvania Working Papers in Linguistics, vol. 15.2: Selected papers from NWAV 37 (with L. MacKenzie), 2010.

University of Pennsylvania Working Papers in Linguistics, vol. 14.2: Selected papers from NWAV 36, 2008.

SELECTED CONFERENCE TALKS

LingSync and ProsodyLab-Aligner: Tools for linguistic fieldwork and experimentation (with A. Bale, J. Coon, M. Wagner, and J. Dunham). Tutorial, Annual meeting of the LSA, Portland, 2015.

Children's use of disfluencies distinguishes ASD and language impairment (with S. Bedrick, R. Lunsford, P. Heeman, L.A. Olson, G. Keepers, E. Fombonne, and J. van Santen). International Meeting for Autism Research, Atlanta, 2014.

Breaking up is easy to do: Evidence for decomposition in regular and irregular forms (with C. Lignos). Annual meeting of the LSA, Minneapolis, 2014.

Measures of education and participation in regional sound change (with H. Prichard). Annual meeting of the LSA, Minneapolis, 2014.

Nonce word repetition as a window into the nature of developmental language impairments. Institute on Development & Disability Conference, Oregon Health & Science University, 2013.

LOT/THOUGHT in a TRAP? Low vowel correlations in North American English. *New Ways of Analyzing Variation* 41, Indiana University Bloomington, 2012.

Productivity and paradigmatic gaps (with C. Yang, J. Preys & M. Borowczyk). 43rd meeting of the North East Linguistics Society (acceptance rate < 10%).

Structural and accidental phonotactic gaps. 30th meeting of the West Coast Conference on Formal Linguistics (acceptance rate < 15%).

The subtleties of frequency in morphological processing (with C. Lignos). 25th CUNY Conference on Human Sentence Processing, City University of New York.

Accidental phonotactic gaps and English syllable contact. Mid-Atlantic Colloquium on Speech, Language and Learning, Johns Hopkins University, 2011. Annual meeting of the LSA, Portland, 2012. 5th Northeast Computational Phonology Meeting, Yale University, 2011. 47th annual meeting of the Chicago Linguistic Society, University of Chicago, 2011. Cognitive Science Graduate Student Conference, University of Delaware, 2011.

Word vs. rule frequencies in irregular acquisition (with D. Faber, E. Bergelson & C. Yang). 36th annual Boston University Conference on Language Development, 2011. Annual meeting of the LSA, Portland, 2012.

The learning of inflections, and inflectional gaps, from sparse data. Annual meeting of the LSA, Pittsburgh, 2011.

A boho in SoHo: Emerging specificity in English templatic hypocoristics (with L. MacKenzie). Annual meeting of the LSA, San Francisco, 2009.

The acoustics of [voice] in infant-directed speech and implications for phonological learning (with C. Narayan & D. Swingley). 33rd annual Boston University Conference on Language Development, 2008. Annual meeting of the LSA, Chicago, 2008.

Automatic detection of turn-taking cues in spontaneous speech based on prosodic factors (with J. Cole, M. Hasegawa-Johnson & M. Fleck). Annual meeting of the LSA, Anaheim, 2007.

SOFTWARE

Prosodylab-Aligner: user-friendly automated forced alignment, with support for model training. URL <http://prosodylab.org/tools/aligner/>

Optimized implementation of SWIPE', the most accurate pitch tracking algorithm. URL <http://csee.ogi.edu/~gormanky/c/swipe/>

REFEREEING

Cognitive Science

Language

Language Variation & Change

Journal of Linguistics

Lingua

National Science Foundation

Association for Computational Linguistics

GRANT SUPPORT

NIH (NIDCD) 1R21DC014099-01: Co-construction of lexica in primary progressive aphasia (M. Fried-Oken, PI).

NIH (NIDCD) R01DC012033-03, Computational characterization of language use in autism (J. van Santen, PI).

FELLOWSHIPS

Dean's Summer Fellowship, University of Pennsylvania, 2011.

Benjamin Franklin Fellowship, University of Pennsylvania, 2006–2011.

IGERT Fellowship, University of Pennsylvania, 2006–2011.

Eight travel grants, University of Pennsylvania, 2006–2011.

OTHER

Erdős number: 4