

Miran Oh

University of Southern California, Department of Linguistics
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RESEARCH INTEREST

Phonetics, Speech Production and Articulation, Computational Linguistics,
Prosody, Speech Imaging

EDUCATION

- 2016 – (present) University of Southern California, *California, United States*
In progress: Doctorate of Philosophy in Linguistics (GPA 4.0) – Chair: Dani Byrd
- May 2018 University of Southern California, *California, United States*
M.A. in Linguistics
- 2015 – 2016 Stony Brook University, *New York, United States*
Ph.D. program in Linguistics (GPA 4.0)
- Aug 2015 Ewha Womans University, *Seoul, Korea*
M.A. in English Language and Literature (Linguistics; GPA 4.21/4.3) – Chair: Eunjin Oh
- Feb 2013 Ewha Womans University, *Seoul, Korea*
B.A. in English Language and Literature
- 2011 – 2012 University of California, Davis, *California, United States*
Exchange Program

RESEARCH EXPERIENCE

- May 2019 – Aug 2019 Research assistant, for Shrikanth S. Narayanan, *Ming Hsieh Department of Electrical and Computer Engineering*, and Dani Byrd, *Department of Linguistics, USC*
- Worked on image/video analysis with MRI videos
- May 2018 – Dec 2018 Research assistant, for Dani Byrd *Department of Linguistics, USC*
- Analyzed speech data addressing the effect of prosodic modulation on internal linguistic organizations
- Designed and conducted experiments investigating dynamics and coordination of speech materials
- May 2018 – Aug 2018 Research assistant, for Shrikanth S. Narayanan, *Ming Hsieh Department of Electrical Engineering, USC*
- Worked on image/video analysis with MRI videos
- Designed experiments and collected real-time MRI video data to understand complex linguistic configurations
- May 2017 – Dec 2017 Research assistant, for Shrikanth S. Narayanan, *Ming Hsieh Department of Electrical Engineering, USC*
- Developed an object tracking tool for analyzing human vocal tract MRI videos (w/ MATLAB)
- Collected real-time MRI data for Speech Production and Articulation kNowledge (SPAN) group projects

- Sep 2014 – Aug 2015 Research assistant, advised by Eunjin Oh, *Department of English Language and Literature, Ewha Womans University*
- Data collection and data analysis for socio-phonetic experiments on interactive speech communication
- 2013 – 2014 Student assistant, *English Lounge (tutoring center), Ewha Womans University*
- Tutored students and coordinated meetings and tutoring schedules

TEACHING EXPERIENCE

- Fall 2019 Teaching assistant, CORE 103 The Process of Change in Science: Human Speech in the Thematic Option Honors Program, *USC*
- Led weekly lab sessions (Instructor: Dani Byrd)
- Spring 2019 Teaching assistant, LING 115 Language and Society, *USC*
- Led weekly lab sessions (Instructor: Mary B. Washburn)
- Nov 2019 Certificate of Completion, *Center for Excellence in Teaching, USC*
- Participated in the Future Faculty Teaching Institute
- Spring 2018 Teaching assistant, LING 285 Human Language and Technology, *USC*
- Led weekly lab sessions (Instructor: Mary B. Washburn)
- Fall 2017 Teaching assistant, LING 115 Language and Society, *USC*
- Led weekly lab sessions (Instructor: Andrew Simpson)
- Spring 2016 Teaching assistant, LIN 301 Phonology, *Stony Brook University*
- Led weekly lab sessions, substitute teacher (Instructor: Michael Becker)
- Fall 2015 Teaching assistant, LIN 201 Phonetics, *Stony Brook University*
- Led weekly lab sessions (Instructor: Marie Huffman)

REFEREED PUBLICATIONS

- M. Oh, and D. Byrd. (to appear). Syllable-internal corrective focus in Korean. *Journal of Phonetics*.
- M. Oh, and Y. Lee (2018). ACT: An Automatic Centroid Tracking tool for analyzing vocal tract actions in real-time magnetic resonance imaging speech production data, *Journal of the Acoustical Society of America – Express Letter*, 144(4), EL290-EL296.
- M. Oh (2016). The influence of power relations on English L1 and L2 speakers' oral requests. In *Proceedings of Speech Prosody 2016*, Boston, MA (pp. 965-969).
- M. Oh (2015). Lonely negative words in English and Korean, *English Language and Linguistics*, Journal of the ELSOK (English Linguistics Society of Korea), 21(2), 83-100.
- M. Oh (2014). A corpus study of overpassivization in Korean EFL learners' writings, *Korean Journal of Applied Linguistics*, 30(3), 179-196.
- M. Oh (2014). Adaptation of English liquid loans in Korean: An OT analysis on the distinct patterns of /r/ and /l/, *Language Research*, 50(2), 387-410.

CONFERENCE PRESENTATIONS

- June 2019 M. Oh, D. Byrd. Focus-induced articulatory prominence on velum actions in nasal geminates. *Workshop on Prominence between Cognitive Functions and Linguistic Structures, satellite workshop at Phonetics and Phonology in Europe (PaPE)*, Bari, Italy.
- June 2019 M. Oh, D. Byrd, L. Goldstein, S. S. Narayanan. Vertical larynx actions and larynx-oral timing in ejectives and implosives. *3rd Phonetics and Phonology in Europe (PaPE)*, Lecce, Italy.
- May 2019 M. Oh, D. Byrd. The prosody of corrective focus and its domain in Korean. *Acoustical Society of America (ASA) 177th Meeting*, Louisville, KY.
- Nov 2018 M. Oh, D. Byrd, L. Goldstein, S. S. Narayanan. Enriching the understanding of glottalic consonant production: Vertical larynx movement in Hausa ejectives and implosives. *Acoustical Society of America (ASA) 176th Meeting*, Victoria, Canada.
- Dec 2017 M. Oh, A. Toutios, D. Byrd, L. Goldstein, S. S. Narayanan. Tracking larynx movement in real-time MRI data. *Acoustical Society of America (ASA) 174th Meeting*, New Orleans, LA.
- May 2017 M. Oh. Onset effects on a tautosyllabic vowel: Implications for weight. *The 25th Manchester Phonology Meeting (25mfm)*, Manchester, UK.
- Jun 2016 M. Oh. The influence of power relations on English L1 and L2 speakers' oral requests. In *Proceedings of Speech Prosody 2016*, Boston, MA (pp. 965-969).
- Jun 2015 M. Oh. Effects of onset on pitch and vowel duration. *The 9th Graduate Seminal of English Language and Literature Association of Korea (ELLAK)*, Seoul, Korea.
- Nov 2014 M. Oh. Sociophonetic variations of English "request" by Korean EFL learners. *The 9th International Conference of English Language and Literature Association of Korea (ELLAK)*, Seoul, Korea.
- Sep 2014 M. Oh. Perception of English liquid loans in Korean: An OT analysis on the distinct patterns of /r/ & /l/. *The 9th International Workshop on Theoretical East Asian Linguistics*, Nantes, France (did not attend).

HONORS AND AWARDS

- 2016 Ph.D. Fellowship in the Social Sciences, *Dornsife College of Letters, Arts and Sciences, USC*
- Aug 2015 Graduate School Award for Dissertation with Highest Honors, *Ewha Womans University*
- 2012 Honors Scholarship, Dean's List, *Ewha Womans University*
- 2009 – 2014 Scholarship, *Ewha Womans University*

SERVICE

- 2018 – 2020 Student Council Member, *Acoustical Society of America (ASA)*
- Speech Communication Technical Committee representative

2019 – 2020 President, *Korean Graduate Student Association, USC*
2018 – 2019 Treasurer, *Korean Graduate Student Association, USC*
2017 – 2019 Graduate Student Affiliate, *Korean Studies Institute, USC*
2017 – 2018 Event Coordinator, *Graduate Students in Linguistics, USC*
Oct 2016 Student volunteer, *Annual Meeting on Phonology, USC*
May 2016 Student volunteer, *Speech Prosody, Boston University*
Mar–Apr 2016 Student volunteer, *The 46th Linguistic Symposium on Romance Languages & the 30th Annual Symposium on Arabic Linguistics, Stony Brook University*

WORK EXPERIENCE

Interpreter

Jun 2014 Interpreter at 2014 Annual Congress of the International Society of Oncoplastic Endocrine Surgeons (ISOPES), *Busan, Korea*
Sep 2013 Interpreter at 2013 Dasan Conference on Photonic Nanostructure-Based Bio-Detection Technologies, *Seoul, Korea*
Aug 2013 Interpreter at the 35th World Federation of Master Tailors, *Seoul, Korea*

Volunteer Work

Mar–Jun 2012 Assisted teaching exchange students learning Korean, *Ewha Womans University*
2011 – 2012 Assisted teaching and tutored native English speakers learning Korean, *UC Davis*

PROFESSIONAL MEMBERSHIP

2017 – (present) Student Member, *Acoustical Society of America*
2016 – (present) Member, *Linguistic Society of America*

SKILLS

Technical MATLAB, Python, R, Praat, C++, HTML, CSS, SPSS, LATEX
Language Korean (Native); English (Fluent); French (Intermediate)