

# Miran Oh

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## RESEARCH INTEREST

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

## EDUCATION

- 2016 – (present) University of Southern California  
Department of Linguistics  
Ph.D. Candidate (ABD) in Linguistics  
Advisor: Dani Byrd
- 2018 University of Southern California  
M.A. in Linguistics
- 2015 – 2016 Stony Brook University, New York  
Department of Linguistics  
Ph.D. program in Linguistics
- 2013 – 2015 Ewha Womans University, South Korea  
Department of English Language and Literature  
M.A. in Linguistics  
Advisor: Eunjin Oh
- 2009 – 2013 Ewha Womans University, South Korea  
B.A. in English Language and Literature
- 2011 – 2012 University of California at Davis  
Exchange student

## REFEREED PUBLICATIONS

- M. Oh, & D. Byrd (2019). Syllable-internal corrective focus in Korean. *Journal of Phonetics*, 77, 100933.
- M. Oh, & 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.

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## CONFERENCE PRESENTATIONS

- 2020 M. Oh. Prosodic modulation and the role of the segmental gestural molecule. *Laboratory Phonology 17*, Vancouver, Canada.
- 2020 M. Oh, D. Byrd. Gestural coordination in nasal onsets, codas, and geminates. *Acoustical Society of America (ASA) 179th Meeting*, Chicago, IL.
- 2019 M. Oh, D. Byrd. Oral-velum actions in the articulation of nasal juncture geminates and singletons. *Acoustical Society of America (ASA) 178th Meeting*, San Diego, CA.
- 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.
- 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.
- 2019 M. Oh, D. Byrd. The prosody of corrective focus and its domain in Korean. *Acoustical Society of America (ASA) 177th Meeting*, Louisville, KY.
- 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.
- 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.
- 2017 M. Oh. Onset effects on a tautosyllabic vowel: Implications for weight. *The 25th Manchester Phonology Meeting (25mfm)*, Manchester, UK.
- 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).
- 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.
- 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.
- 2014 M. Oh. Perception of English liquid loans in Korean: An OT analysis on the distinct patterns of /ɾ/ & /l/. *The 9th International Workshop on Theoretical East Asian Linguistics*, Nantes, France (did not attend).

## 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 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 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 analysis for sociophonetic experiments on interactive speech
- 2013 – 2014      Student assistant, *English Lounge (tutoring center), Ewha Womans University*  
- Tutored students and coordinated meetings and tutoring schedules

## TEACHING EXPERIENCE

### TEACHING ASSISTANT

- University of Southern California  
Fall 2019 & Spring 2020      TA for CORE 103 The Process of Change in Science: Human Speech in the Thematic Option Honors Program  
Instructor: Dani Byrd
- Fall 2017 & Spring 2019      TA for LING 115 Language and Society  
Instructor: Mary B. Washburn (Spring 2019), Andrew Simpson (Fall 2017)
- Spring 2018      TA for LING 285 Human Language and Technology  
Instructor: Mary B. Washburn
- Stony Brook University  
Spring 2016      TA (& Substitute teacher) for LIN 301 Phonology  
Instructor: Michael Becker
- Fall 2015      TA for LIN 201 Phonetics  
Instructor: Marie Huffman

## TEACHING TRAINING

- Nov 2018 Certificate of Completion, Center for Excellence in Teaching  
Future Faculty Teaching Institute, USC  
Fall 2017 Practicum for Teaching the Liberal Arts: Linguistics (LING 593), USC

## SERVICE

- 2020 Reviewer, Speech Prosody  
2019 Reviewer, The Korean Society of Speech Sciences  
2018 – 2020 Student Council Member, *Acoustical Society of America (ASA)*  
- Speech Communication Technical Committee representative  
2019 – 2020 President, *Korean Graduate Student Association, USC*  
2019 – 2020 Colloquium Organizer, *Graduate Students in Linguistics, USC*  
2018 – 2019 Treasurer, *Korean Graduate Student Association, USC*  
2017 – 2020 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*

## HONORS AND AWARDS

- 2018 – 2020 ASA Student Council Representative, *Acoustical Society of America*  
2017 – 2020 Graduate Student Affiliate, *Korean Studies Institute, USC*  
2016 Ph.D. Fellowship in the Social Sciences, *Dornsife College, USC*  
Aug 2015 Graduate School Award for Dissertation with Highest Honors, *Ewha Womans Univ.*  
2012 Honors Scholarship, Dean's List, *Ewha Womans University*  
2009 – 2014 Scholarship, *Ewha Womans 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++, SPSS, LATEX  
Language Korean (Native); English (Fluent); French (Intermediate)