

Burcu Arslan

Istanbul, Turkey
barslan18@ku.edu.tr

EDUCATION

Ph.D., Cognitive Psychology

Koç University, Istanbul, Turkey

- 3.93/4.00 cumulative GPA
- Thesis advisor: Assoc. Prof. Tilbe Gökşun

September 2018 – July 2023

Bachelor of Arts, Psychology

Boğaziçi University, Istanbul, Turkey

- 3.58/4.00 cumulative GPA

September 2012 - June 2017

Erasmus Program

Autonoma de Madrid University, Madrid, Spain

September 2016 - January 2017

RESEARCH INTERESTS

Bilingualism, multimodal language, speech disfluency, gesture.

RESEARCH EXPERIENCE

Language and Cognition Lab

Graduate Research Assistant

Koç University, Istanbul, Turkey

Supervisor: Assoc. Prof. Tilbe Gökşun

September 2017 - Present

Baby and Child Development Lab

Research Assistant

Boğaziçi University, Istanbul, Turkey

Supervisor: Prof. Dr. Feyza Çorapçı

January 2018 – September 2018

PUBLICATIONS & PRESENTATIONS

PUBLICATIONS

Peer-Reviewed Journal Articles

Arslan, B., Ng, F., Gökşun, T., & Nozari, N. (2023). Trust my gesture or my word: How do listeners choose the information channel during communication?. *Journal of Experimental Psychology: Language, Memory, and Cognition*. Advance online publication. <https://doi.org/10.1037/xlm0001253>

Arslan, B., Aktan-Erciyes, A., & Gökşun, T. (2023). Multimodal language in bilingual and monolingual children: Gesture production and speech disfluency. *Bilingualism: Language and Cognition*. 1-13. <https://doi.org/10.1017/S1366728923000196>

Arslan, B., & Göksun, T. (2022). Aging, Gesture Production, and Disfluency in Speech: A comparison of younger and older adults. *Cognitive Science*, 47(2), e13098. <https://doi.org/10.1111/cogs.13098>

Arslan, B., & Göksun, T. (2021). Aging, Working Memory, and Mental Imagery: Understanding gestural communication in younger and older adults. *Quarterly Journal of Experimental Psychology*, 74(1), 29-44. <https://doi.org/10.1177/1747021820944696>

Sürmeli, A., Tolunay, T., Yasin, Y., [and 16 others, including **Arslan, B.**] (2019). Child health, parasites and lower socioeconomic status: outcomes of a long-term screening, intervention and training study by health volunteers in rural Nepal. *Acta Tropica*, 202, 105263. <https://doi.org/10.1016/j.actatropica.2019.105263>

Manuscripts under review

Arslan, B., Göksun, T., & Akçay, Ç. (under revision). Does source reliability moderate the survival processing effect?: The role of linguistic markers as reliability cues.

Arslan, B., Avcı, C., Yılmaztekin, A., & Göksun, T. (under review). Do bilingual adults gesture when they are disfluent?: Understanding gesture-speech interaction across first and second languages.

Peer-Reviewed Conference Proceedings

Avcı, C., **Arslan, B.**, & Göksun, T. (2022). Gesture and Speech Disfluency in Narrative Context: Disfluency Rates in Spontaneous, Restricted, and Encouraged Gesture Conditions. In J. Culbertson, A. Perfors, H. Rabagliati & V. Ramenzoni (Eds.), *Proceedings of the 44th Annual Conference of the Cognitive Science Society* (pp. 1912-1917). Austin, TX: Cognitive Science Society. <https://escholarship.org/uc/item/6xg8p5rd>

Arslan, B., & Göksun, T. (2020). Understanding multimodal communication: Gesture production and disfluency in speech. *Proceeding of the 7th Gesture and Speech in Interaction (GeSpIn) Conference*. Stockholm, Sweden.

PRESENTATIONS

Oral presentations

Arslan, B., Avcı, C., & Göksun, T. (2022, July). *Do gestures facilitate speech production?: Understanding contextual and individual differences.* The talk given at the 9th Conference of the International Society for Gesture Studies (ISGS), Chicago, The United States.

Arslan, B., & Göksun, T. (2021, September). *Cognitive processes associated with gesture production and speech disfluency.* The talk given at the 6th National Experimental-Cognitive Psychology Symposium (Virtual Symposium), Ankara, Turkey.

Arslan, B., & Göksun, T. (2020, September). *Understanding multimodal communication: Gesture production and disfluency in speech.* The talk given at the 7th Gesture and Speech in Interaction (GeSpIn) Conference (Virtual Conference), Stockholm, Sweden.

Poster presentations

Arslan, B., Avcı, C., Yılmaztekin, A., Yilmaz, F., Yürekli, M., Kaya, M., & Göksun, T. (2023, May). *Do bilinguals use gestures when they are disfluent?.* Poster presented at the 9th

International Symposium on Brain and Cognitive Science, hosted by Özyeğin University, Istanbul, Turkey.

Avcı, C., **Arslan, B.**, Ceylan, C., & Göksun, T. (2023, May). *How Does Gesture Restriction Affect Grammatical Complexity? Individual differences in Gesture and Speech Production*. Poster presented at the 9th International Symposium on Brain and Cognitive Science, hosted by Özyeğin University, Istanbul, Turkey.

Arslan, B., Aktan-Erciyes, A., & Göksun, T. (2022, September). *Tekdilli ve ikidilli çocuklarda multimodal iletişim: Konuşmanın akıcılığının bozulması ve jest üretimi*. Poster presented at the 3rd National Developmental Psychology Symposium, hosted by Koç University, Istanbul, Turkey.

Arslan, B., Aktan-Erciyes, A., & Göksun, T. (2022, May). *Multimodal communication in bilingual and monolingual children: Speech disfluency and co-speech gestures*. Poster presented at the 8th International Symposium on Brain and Cognitive Science (Virtual Symposium), hosted by Koç University, Istanbul, Turkey.

Arslan, B., Avcı, C., & Göksun, T. (2022, July). *Multimodal Communication in Virtual and Face-to-Face Settings: Gesture Production and Speech Disfluency*. Poster presented at the 44th Annual Conference of Cognitive Science Society, Toronto, Canada.

Ng, F., **Arslan, B.**, Göksun, T., Nozari, N. (2022, June). *Trust my gesture or my word? How do listeners choose the information channel during communication?* Poster presented at the 12th International Conference on Language Production (IWOLP). Pittsburgh.

Arslan, B., Göksun, T., & Akçay, Ç. (2021, July). *The effect of evidentiality markers on the survival processing effect*. Poster presented at the 43rd Annual Meeting of the Cognitive Science Society (Virtual Conference).

Arslan, B., Aktan-Erciyes, A., Avcı, C., Tezel, S., & Göksun, T. (2021, April). *Bilingualism and Disfluency in Children: Do gestures help?*. Poster presented at Society for Research in Child Development (SRCD) Biennial Meeting (Virtual Symposium).

Arslan, B., Avcı, C., Karbuz, C., Şentürk, Y., & Göksun, T. (2020, May). *Aging, Gesture Production, and Disfluency in Speech: A comparison of younger and older adults*. Poster presented at the 7th International Symposium on Brain and Cognitive Science (Virtual Symposium), hosted by Bilkent University, Ankara, Turkey.

Arslan, B., Caba, B., & Göksun, T. (2019, September). *Aging, Working Memory, and Mental Imagery: Understanding gestural communication in younger and older adults*. Poster presented at the 6th Gesture and Speech in Interaction (GeSpIn) Conference, Paderborn, Germany.

Arslan, B., Caba, B., & Göksun, T. (2019, September). *Yaşlanma, İşler Bellek, ve Zihinsel İmgeleme: Farklı yaş gruplarında jest kullanımını anlamak*. Poster presented at the 5th National Experimental-Cognitive Psychology Symposium, Istanbul, Turkey.

TEACHING EXPERIENCE (as teaching assistant)

Koç University, Department of Psychology

PSYC 201: Scientific Methods in Behavioral Sciences

Spring 2023

PSYC 453: Affective Neuroscience

Fall 2022

PSYC 521: Cognitive Development	Spring 2022
PSYC 614: Language and Thought	Fall 2021
PSYC 453: Cognitive Neuropsychology	Spring 2021
PSYC 521: Cognitive Development	Fall 2020
PSYC 301: Research Methods	Spring 2020
PSYC 206: Life-Span Development	Fall 2019
PSYC 348: Cognitive Science	Spring 2019
PSYC 205: Learning and Cognition	Fall 2018

SKILLS

Microsoft Office, ELAN, PsychoPy, SPSS, Jamovi, R

LANGUAGES

Turkish (mother tongue), English (fluent), Spanish (fluent), Italian (intermediate)

HONORS & AWARDS

GSSSH Academic Excellence Award

June 2023

Graduate School of Social Sciences, Koç University

- Academic Excellence Awards are given to students among the graduating class, who have made significant contributions with their research output and created a positive impact on the intellectual environment of Koç University.

Diversity and Inclusion Award

July 2021

Cognitive Science Society – CogSci 2021

- The recipient of one of the ten prizes that aim to promote participation in the conference for graduate students who bring diversity to the Cognitive Science society.

Scholarship for Doctoral Students (BİDEB-2211)

October 2018 - Present

The Scientific and Technological Research Council of Turkey

Merit-based full scholarship (Ph.D.)

October 2018 - Present

Koç University, Istanbul, Turkey

Dean's High Honor List

June 2017

Boğaziçi University, Istanbul, Turkey

ACADEMIC REFERENCES

Dr. Tilbe Göksun, Koç University, Istanbul, Turkey (tgöksun@ku.edu.tr)

Dr. Çağlar Akçay, Anglia Ruskin University, Cambridge, UK (caglar.akcay@aru.ac.uk)

Dr. Nazbanou Nozari, Carnegie Mellon University, Pittsburgh, USA (bnozari@andrew.cmu.edu)