

# Burcu Arslan

Istanbul, Turkey  
barslan18@ku.edu.tr

## EDUCATION

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### Ph.D., Cognitive Psychology

*Koç University, Istanbul, Turkey*

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

September 2018 – June 2023<sup>(exp.)</sup>

### 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

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Bilingualism, multimodal language, speech disfluency, gesture.

## RESEARCH EXPERIENCE

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### 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

## TEACHING EXPERIENCE (*as teaching assistant*)

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*Koç University, Department of Psychology*

**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**

## **PUBLICATIONS & PRESENTATIONS**

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### **PUBLICATIONS**

#### **Peer-Reviewed Journal Articles**

**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., Aktan-Erciyas, A., & Göksun, T.** (under review). Multimodal language in bilingual and monolingual children: Gesture production and speech disfluency.

**Arslan, B., Göksun, T., & Nozari, N.** (under review). Trust my gesture or my word: How do listeners choose the information channel during communication?.

#### **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>

### **TALKS**

**Arslan, B., Avcı, C., & Göksun, T.** (2022, July). *Do gestures facilitate speech production?: Understanding contextual and individual differences*. The talk given at the 9<sup>th</sup> 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 6<sup>th</sup> 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 7<sup>th</sup> Gesture and Speech in Interaction (GeSpIn) Conference (Virtual Conference), Stockholm, Sweden.

### **SELECTED POSTERS**

**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 44<sup>th</sup> Annual Conference of Cognitive Science Society (CogSci 22'), Toronto, Canada.

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

## **HONORS & AWARDS**

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### **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 society.

### **Scholarship for Doctoral Students (BIDEB-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*

### **Erasmus Student Mobility Grant**

**September 2016 – January 2017**

*Turkish National Agency*

## **OTHER EXPERIENCE**

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### **Project & Research Assistant**

*Health Recording App (HERA) Project*

**May 2018 – September 2018**

- Worked as a research & project assistant in this project that aims to develop and test HERA, a mobile application that tracks Syrian refugee women's hospital visits and treatment records to facilitate increase in uptake of timely vaccinations and prenatal care.
- The project is supported by Grand Challenges Canada fund, and it has been the semifinalist in Harvard Business School New Venture Competition, Social Enterprise Track. (For the full list of the semifinalists and more details: <https://hbs.me/2TC9JBc>)

## **SKILLS & LANGUAGES**

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**Computer:** Microsoft Office, SPSS, Jamovi, R, PsychoPy, ELAN

**Language:** Turkish (Native), English (Fluent), Spanish (Fluent), Japanese (Intermediate), Italian (Intermediate)