

Tilbe Göksun

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EMPLOYMENT

- 2019 - present Associate Professor, Department of Psychology, Koç University, Istanbul - Turkey
- 2014 - 2019 Assistant Professor, Department of Psychology, Koç University, Istanbul - Turkey
- 2010 - 2013 Postdoctoral Researcher, Center for Cognitive Neuroscience
Spatial Intelligence Learning Center, University of Pennsylvania, Philadelphia, PA
Supervisor: Anjan Chatterjee

EDUCATION

- 2005 - 2010 Ph.D. in Developmental Psychology, Temple University, Philadelphia, PA
Advisor: Kathy Hirsh-Pasek
- 2003 - 2005 M.A. in Developmental Psychology, Koç University, Istanbul, Turkey
Advisor: Aylin Küntay
- 1997 - 2002 B.A. in Psychology, Boğaziçi University, Istanbul, Turkey

RESEARCH INTERESTS

Event representation and language learning, language and thought, spatial understanding and language, causal understanding and language, neuropsychology of language, gesture and language

RESEARCH GRANTS

Ongoing Research Grants

TUBA-GEBIP (Turkish Academy of Sciences Outstanding Young Scientist Award), “Spatial language, multimodal integration, and individual differences” (Role: PI, \$15.000) (2018-2021).

James S. McDonnell Human Cognition Scholar Award, “Event representation and relational language learning” (Role: PI, \$600.000) (2017-2023).

TUBITAK (The Scientific and Technological Research Council of Turkey) 1005 Project, “An embedded user interface for kitchen applications supported by 2Hand-touch gestures” (Role: co-PI, ~\$45.000) (2018-2020).

Swiss National Foundation, “The role of causality in early verb learning: language-specific factors vs. universal strategies.” (PI: Sabine Stoll, University of Zurich, Role: International collaborator, Total Budget: 833.480 CHF) (2017-2020).

Completed Research Grants

CHIST-ERA - Human Language Understanding, “Relational symbol grounding through affordance learning (ReGROUND)” (Consortium: KU Leuven, Koç University, & Örebro University - Role: co-PI, Total Budget: €529.000, Koç University Budget: €188.000) (2016-2019).

H2020 European Commission Consortium Grant, “L2TOR: Second Language Tutoring using Social Robots.” (Consortium: Plymouth University, Koç University, Utrecht University, Tilburg University, Bielefeld University, Alderaban Robotics & QBMT - PI: Tony Belpaeme, Plymouth University, Role: co-PI, Total Budget: €3.0420.560, Koç University Budget: €357,593) (2016-2019).

Spanish Ministry of Economy and Competitiveness, “Temporal thought: relation to attention, space, emotion and decision making across individuals, cultures, and religions.” (Cross-cultural project involving Spain, USA, Morocco, Turkey, Taiwan, Bosnia Herzegovina - PI: Julia Santiago, University of Granada, Role: co-PI, Total Budget: €35.000) (2016-2018).

TUBITAK (The Scientific and Technological Research Council of Turkey) 1001 Project, “Processing relational words (verbs and prepositions) by Turkish-learning children: A longitudinal study” (Role: PI, ~\$75.000) (2014-2017).

The Science Academy, Turkey, “Learning to talk about causal events: A comparison of monolingual and bilingual children” (Role: PI, ~\$9.000) (2015-2016).

Internal Mobility Funding from Koç University - Collaboration with Rice University “Cross-linguistic Patient Research: Building Comparable Turkish and English Aphasia Databases” (PIs: Tilbe Gökşun and Simon Fischer-Baum, ~\$30.000) (2015-2016).

Cross-Science of Learning Centers Collaborative Mini Grant, “Gesture and STEM learning: Assessing gesture’s role in understanding geosciences” (PIs: Tilbe Gökşun, Bryan Matlen and Kinnari Atit, \$6000) (2011-2012)

HONORS & AWARDS

Young Academy of Europe Elected Member (2020)

Outstanding Faculty Award, Koç University (2019)

Turkish Academy of Sciences Outstanding Young Scientist Award (TUBA-GEBIP, 2018)

The Council of Higher Education of Turkey, Associate Professor Title (October 2017)

James S. McDonnell Human Cognition Scholar Award (2017)

The Science Academy, Turkey Young Scientist Award (BAGEP, 2015)

Outstanding Teaching Award, Koç University (2015)

Jean Berko Gleason Best Student Paper Award at Boston University Language Conference (2009)

Certificate of Merit in Teaching, Temple University (2007)

Koç University Vehbi Koç Competitive Full Scholarship (2003-2005)

Boğaziçi University Dean’s Honor Roll in Graduation (2002)

PUBLICATIONS

*denotes students under my (co)supervision and #denotes postdoctoral scholars

Peer-Reviewed Journal Articles

1. Kızıldere, E. *, Aktan-Erciyes, A. #, Tahiroğlu, D., & **Gökşun, T.** (accepted). A multidimensional investigation of pretend play and language competence: Concurrent and longitudinal relations in preschoolers. *Cognitive Development*.
2. Aktan-Erciyes, A. #, **Gökşun, T.**, Tekcan, A., & Aksu-Koç, A. (in press). Thinking-for-Speaking in Bilingual and Monolingual Children Bidirectional Effects of L1-Turkish and L2-English. *Linguistic Approaches to Bilingualism*.
3. Özer, D. * & **Gökşun, T.** (in press). Visual-spatial and verbal abilities differentially affect processing of gestural vs. spoken expressions. *Language, Cognition, and Neuroscience*.

4. Kartalkanat, H. *, & **Göksun, T.** (2020). The effects of observing different gestures during storytelling on the recall of path and event information in 5-year-olds and adults. *Journal of Experimental Child Psychology*.
5. Aktan-Erciyes, A.# & **Göksun, T.** (2019). Early event understanding predicts later verb comprehension and motion event lexicalization. *Developmental Psychology*, 55, 2249-2262.
6. Özer, D. *, **Göksun, T.**, & Chatterjee, A. (2019). Differential roles of gestures on spatial language in speakers with and without speech problems. *Cognitive Neuropsychology*, 36, 282-299.
7. Baykal, G.E. *, Van Mechelen, M., **Göksun, T.** & Yantaç, A.E. (2019). Embedded figures in stories (EFiS): A method to observe preschoolers' interactions with spatial manipulatives. *International Journal of Child-Computer Interaction*, 21, 121-129.
8. Demir-Lira, Ö. E., Aktan-Erciyes, A.#, & **Göksun, T.** (2019). New insights from children with early brain injury: Lessons to be learned from examining STEM-related skills. *Developmental Psychobiology*, 61, 477-490.
9. Kısa, Y. D. *, Aktan-Erciyes, A.#, Turan, E. *, & **Göksun, T.** (2019). Parental use of spatial language and gestures in early childhood. *British Journal of Developmental Psychology*, 37, 149-167.
10. George, N., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2019). Any way the wind blows: Children's inferences about force and motion events. *Journal of Experimental Child Psychology*, 177, 119-131.
11. Çatak, E. N. *, Açık, A., & **Göksun, T.** (2018). The relationship between handedness and valence: A gesture study. *Quarterly Journal of Experimental Psychology*, 71, 2615-2626.
12. Akbıyık, S. *, Karaduman, A. *, **Göksun, T.**, & Chatterjee, A. (2018). The relationship between gesture use and macrolinguistic discourse abilities in people with focal brain injury. *Neuropsychologia*, 117, 440-453.
13. Akhavan, N. *, **Göksun, T.**, & Nozari, N. (2018). The integrity and function of gestures in aphasia. *Aphasiology*, 32, 1310-1335.
14. Kanero, J.#, Geçgin, V. #, Oranç, C., Mamus, E. *, Küntay, A., & **Göksun, T.** (2018). Social robots for early language learning: Current evidence and future directions. *Child Development Perspectives*, 12, 146-151.
15. Baykal, G.E. *, Veryeri Alaca, I., Yantaç, A.E., & **Göksun, T.** (2018). A review on complementary natures of tangible user interfaces (TUIs) and early spatial learning. *International Journal of Child-Computer Interaction*, 16, 104-113.
16. Belpaeme, T., Vogt, P., van den Berghe, R., Bergmann, K. **Göksun, T.**, de Haas, M., Kanero, J.#, Kennedy, J., Küntay, A. C., Oudgenoeg-Paz, O., Papadopoulos, F., Schodde, T., Verhagen, J., Wallbridge, C. D., Willemsen, B., de Wit, J., Geçkin, V. #, Hoffmann, L., Kopp, S., Krahmer, E. Mamus, E. *, Montanier, J. M., Oranç, C., & Pandey, A. K. (2018). Guidelines for designing social robots as second language tutors. *International Journal of Social Robotics*, 10 (3), 325-341.
17. Akhavan, N. *, Nozari, N., & **Göksun, T.** (2017). Expression of motion events in Farsi. *Language, Cognition, and Neuroscience*, 32, 792-804.
18. Karaduman, A. *, **Göksun, T.**, & Chatterjee, A. (2017). Narratives of focal brain-injured individuals: A macro-level analysis. *Neuropsychologia*, 99, 314-325.
19. **Göksun, T.**, Lehet, M., Malykhina, K., & Chatterjee, A. (2015). Spontaneous gesture and spatial language: Evidence from focal brain-injury. *Brain and Language*, 150, 1-13.

20. Nozari, N. B., **Göksun, T.**, Thompson-Schill, S., & Chatterjee, A. (2015). Phonological similarity affects production of gestures, even in the absence of speech. *Frontiers in Psychology, 6*, 1347.
21. George, N., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2014). Carving the world for language learning: How neuroscientific research can enrich the study of first and second language learning. *Developmental Neuropsychology, 39*, 262-284.
22. **Göksun, T.**, George, N., Hirsh-Pasek, K., & Golinkoff, R. M. (2013). Forces and motion: Causal understanding of preschoolers. *Child Development, 84*, 1285-1295.
23. **Göksun, T.**, Lehet, M., Malykhina, K., & Chatterjee, A. (2013). Naming and gesturing spatial relations: Evidence from focal brain-injured individuals. *Neuropsychologia, 51*, 1518-1527.
24. **Göksun, T.**, Woods, A. J., Chatterjee, A. Zelonis, S. J., Glass, L., & Smith, S. (2013). Elementary school children's biases in physical and numerical space. *European Journal of Developmental Psychology, 10*, 433-448.
25. Woods, A.J., **Göksun, T.**, Chatterjee, A. Zelonis, S. J., Glass, L., Mehta, A. & Smith, S. (2013). The development of organized visual search. *Acta Psychologica, 143*, 191-199.
26. **Göksun, T.**, Goldin-Meadow, S., Newcombe, N., & Shipley, T. F. (2013). Individual differences in mental rotation: What does gesture tell us? *Cognitive Processing (Special Issue on Spatial Learning and Reasoning Processes), 14*, 153-162.
27. Pruden, S. M., Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2013). Infant categorization of path relations during dynamic events. *Child Development, 84*, 331-345.
28. Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R.M. (2012). Carving categories in a continuous world: Preverbal infants discriminate categorical changes before distance changes in dynamic events. *Spatial Cognition and Computation, 12*, 231- 251.
29. Pruden, S. M., **Göksun, T.**, Roseberry, S., Hirsh-Pasek, K., & Golinkoff, R. M. (2012). Find your manners: How do infants detect the invariant manner of motion in dynamic events? *Child Development, 83*, 977-991.
30. **Göksun, T.**, Hirsh-Pasek, K, Golinkoff, R. M., Imai, M., Konishi, H., & Okada, H. (2011). Who is crossing where? Infants' discrimination of figures and grounds in events. *Cognition, 121*, 176-195.
31. **Göksun, T.**, Hirsh-Pasek, K, & Golinkoff, R. M. (2010). Trading spaces: Carving up events for learning language. *Perspectives on Psychological Science, 5*, 33-42.
32. **Göksun, T.**, Hirsh-Pasek, K, & Golinkoff, R. M. (2010). How do preschoolers express cause in gesture and speech? *Cognitive Development, 25*, 56-68.
33. **Göksun, T.**, Küntay, A., & Naigles, L. (2008). Turkish children use morphosyntactic bootstrapping in interpreting verb meaning. *Journal of Child Language, 35*, 291-323.

Other Articles

1. **Göksun, T.** (2019). The bases of the mind: The relationship between language and thought. *Koç University Frontier Journal, 13*, 16-19.
(in Turkish). Zihnin temelleri: Dil ve düşünce ilişkisi. *Koç Üniversitesi Fener Dergi, 13*, 16-19.
2. **Göksun, T.** & Chatterjee, A. (2016). Does brain injury impair speech and gesture differently? *Ciencia Cognitiva* (<http://www.cienciacognitiva.org/?p=1147>)
3. **Göksun, T.** (2016). Tasarım, Psikoloji ve Dil (pp. 35-45), In *Tasarım ne Bekler, Cogito: İstanbul: YKY* (in Turkish).

Books

1. Aydın, Ç., **Göksun, T.**, Küntay, A. & Tahiroğlu, D. (2016). *The Child State of Mind: Studies in Cognitive Development*. Istanbul: Koç University Press (in Turkish).

Book Chapters and Book Reviews

1. Baykal, G.E.* & **Göksun, T.** (under review, invited chapter). Çocuk-nesne etkileşimi ile mekânsal öğrenme arasındaki ilişki: Oyun, beden ve teknoloji aracılığıyla nesne etkileşiminin zenginleştirilmesine yönelik öneriler. In B. Ateş (Ed.), *Erken/İlk Okur-yazarlık Üzerine Araştırmalar*. Istanbul: Altınbaş University Press (in Turkish).
2. **Göksun, T.**, Özer, D.* , & Akbıyık, S.* (under review, invited chapter). Gesture in the Aging Brain. In A. Morgenstern & S. Goldin-Meadow (Eds.), *Gesture in Language*. De Gruyter Mouton.
3. Oranç, C., Baykal, G.E.* , Kanero, J.#, Küntay, A., & **Göksun, T.** (in press). A look into the future: How digital tools advance language development. In K. Rohlfing & C. Müller-Brauers (Eds.), *International Perspectives on Digital Media and Early Literacy: The Impact of Digital Devices on Learning, Language Acquisition and Social Interaction*. Routledge.
4. **Göksun, T.**, Aktan-Erciyes, A.* , Hirsh-Pasek, K., & Golinkoff, R. (2017). Event perception and language learning: Early interactions between language and thought. In N. Ketrez, A. C. Küntay, Ş. Özçalışkan, & A. Özyürek (Eds.), *Social Environment and Cognition in Language Development: Studies in honor of Ayhan Aksu-Koç* (pp. 179-198). Trends in Language Acquisition Research (TiLAR) Series, John Benjamins.
5. Baykal, G.E.* , Oranç, C., **Göksun, T.**, & Küntay, A. (2017). Preschool children's technology use and its effects on learning. In Ç. Aydın, **T. Göksun**, A. Küntay, & D. Tahiroğlu (Eds.), *The Child State of Mind: Studies in Cognitive Development* (pp. 417-440), 2nd Edition, Istanbul: Koç University Press (in Turkish).
6. **Göksun, T.**, & Özer, D.* (2016). Spatial Cognition. In Ç. Aydın, **T. Göksun**, A. Küntay, & D. Tahiroğlu (Eds.), *The Child State of Mind: Studies in Cognitive Development* (pp. 107-130), Istanbul: Koç University Press (in Turkish).
7. **Göksun, T.**, Karaduman, A.* , Çatak, E.* , & Akhavan, N.* (2016). Language and Thought: A Neuropsychological Approach. In M. Irak (Ed.), *Psychopathology and Cognition* (pp. 185-222). Istanbul: Uğur Yayınları (in Turkish).
8. **Göksun, T.**, Roeper, T., Hirsh-Pasek, K., & Golinkoff, R. M. (2011). From nounphrase ellipsis to verbphrase ellipsis: The acquisition path from context to abstract reconstruction. In J. Harris and M. Grant, (Eds.), *University of Massachusetts Occasional Working Papers in Linguistics 38: Processing Linguistic Structure, Vol. 38*, (pp. 53-74). Amherst, MA: GLSA.
9. Roseberry, S., **Göksun, T.**, & Hirsh-Pasek, K. (2009). In season? A review of Katherine Nelson's Young *minds* in social worlds. *Journal of Child Language*, 36, 225-233.
10. **Göksun, T.** (2009). A review of "The categorization of spatial entities in language and cognition". *International Cognitive Linguistics Association*.

Peer-reviewed Conference Proceedings

1. Buruk, O.T., Özcan, O., Baykal, G.E., **Göksun, T.**, Acar, S., et al. (2020). Children in 2077: Designing children's technologies in the age of transhumanism. In *Proceedings of alt.CHI (CHI 2020)*.
2. Beşevli, C. *, Salman, E., **Göksun, T.**, Ürey, H., & Özcan, O. (2019). MaR-T: Designing a Projection Based Mixed Reality System for Nonsymbolic Math Development of Preschoolers. *Proceedings of the Interaction Design and Children Conference (IDC'19)*.
3. Salman, E., Beşevli, C. *, **Göksun, T.**, Özcan, O., & Ürey, H. (2019). Exploring projection based mixed reality with tangibles for nonsymbolic preschool math education. *14th International Conference on Tangible, Embedded, and Embodied Interactions (TEI)*.
4. Vogt, P., van den Berghe, R., de Haas, M., **Göksun, T.**, ... (2019). Second language tutoring using social robots: A large scale study. *HRI Conference Proceedings*. [Received Best Paper Award]
5. Kanero, J., Franko, I. *, Oranç, C., Uluşahin, O. *, Koşkul, S., Adıgüzel, Z. *, Küntay, A. C., & **Göksun, T.** (2018). Who can benefit from robots? Effects of individual differences in robot-assisted language learning. *Proceedings of the 8th Joint IEEE International Conference on Development and Learning and on Epigenetic Robotics (ICDP-EPIROB)*.
6. Sabuncuoğlu, A. *, Erkaya, M. *, Buruk, O. T., & **Göksun, T.** (2018). CodeNotes: Designing a low-cost tangible coding tool for/with children. *Proceedings of the Interaction Design and Children Conference (IDC'18)*
7. Baykal, G.E. *, Van Mechelen, M., **Göksun, T.** & Yantaç, A.E. (2018). Designing with and for preschoolers: Adapting methods to observe tangible interactions with spatial manipulatives. *Proceedings of the Conference on Creativity and Making in Education* (pp. 45-54).
8. Baykal, G.E. *, **Göksun, T.** & Yantaç, A.E. (2018). Customizing Developmentally Situated Design (DSD) Cards: Informing Designers about Preschoolers' Spatial Learning. In *Proceedings of the CHI 2018*.
9. Börütecene, A. *, Bostan, İ. *, Akyürek, E., Sabuncuoğlu, A., Temuzkusu, İ., Genç, Ç., **Göksun, T.**, & Özcan, O. (2017). Through the Glance Mug: A Familiar Artefact to Support Opportunistic Search in Meetings. *12th International Conference on Tangible, Embedded, and Embodied Interactions (TEI)*.
10. Özer, D. *, Tansan, M. *, Özer, E. E. *, Malykhina, K., Chatterjee, A., & **Göksun, T.** (2017). The effects of gesture restriction on spatial language in young and elderly adults. In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1471-1476). Austin, TX: Cognitive Science Society.
11. Özer, D. *, Kranjec, A., Balcı, F., & **Göksun, T.** (2017). The effects of duration words and spatial-temporal metaphors on perceived duration In G. Gunzelmann, A. Howes, T. Tenbrink, & E. Davelaar (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1477-1482). Austin, TX: Cognitive Science Society.
12. Bostan, İ. *, Buruk, O.T., Canat, M., Tezcan, M., Yurdakul, C., **Göksun, T.** and Özcan, O.O. (2017). Hands as a Controller: User Preferences for Hand Specific On-Skin Gestures. *Proceedings of the Designing Interactive Systems Conference* (pp. 1123-1134).

13. Havlucu, H. *, Ergin, M. Y., Bostan, İ. *, Buruk, O. T., **Göksun, T.**, & Özcan, O. (2017). It made more sense: Comparison of user-elicited on-skin touch and free-hand gesture sets. *Proceedings of the 19th Human Computer Interaction International Conference*. Vancouver, Canada.
14. Börütecene, A. *, Bostan, İ. *, Şanlı, G., Genç, Ç., **Göksun, T.**, & Özcan, O. (2017). Coffee cup reading as an inspiration for looking into augmented mugs in social interaction. *Proceedings of the 19th Human Computer Interaction International Conference*. Vancouver, Canada.
15. Börütecene, A. *, Bostan, İ. *, **Göksun, T.**, & Özcan, O. (2016). Informing Design Decisions for Advice Mediating Handheld Devices by Studying Coffee Cup Reading. *Proceedings of the 9th Nordic Conference on Human-Computer Interaction: Game-changing Design (NordiCHI)*. ACM, New York, NY, USA.
16. Obaid, M., Yantaç, A. E., Barendregt, W., Kurlangıç, G., & **Göksun, T.** (2016). Robo2Box: A toolkit to elicit children's design requirements for classroom robots. *Proceedings of the 8th International Conference on Social Robotics* (pp. 600-610).
17. Ramoğlu, M. *, Bostan, İ. *, Obaid, M., **Göksun, T.**, & Özcan, O. (2016). Interaction between abstract agents: Increasing the readability of causal events with animation principles. *Proceedings of 20th International Mindtrek Conference* (pp. 272-280).
18. Bostan, İ. *, Börütecene, A. *, Özcan, O., & **Göksun, T.** (2016). Temporal expressions in speech and gesture. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 1871-1876). Austin, TX: Cognitive Science Society.
19. Akhavan, N. *, **Göksun, T.**, & Nozari, N. (2016). Disfluency in gesture and speech. In A. Papafragou, D. Grodner, D. Mirman, & J.C. Trueswell (Eds.), *Proceedings of the 38th Annual Conference of the Cognitive Science Society* (pp. 716-721). Austin, TX: Cognitive Science Society.
20. Baytaş, M. A., **Göksun, T.**, & Özcan, O., (2016). The Perception of Live-sequenced Electronic Music via Hearing and Sight. *Proceedings of the NIME (New Interfaces for Musical Expression) Conference*.
21. Baykal, G.E. *, Veryeri Alaca, I., Yantaç, A.E., & **Göksun, T.** (2016). Developing Transmedia Puzzle Play to Facilitate the Spatial Skills of Preschoolers. *Proceedings of the Interaction Design and Children Conference (IDC'16)*.
22. Kon, M., **Göksun, T.**, A. Bağcı *, & Arunachalam, S. (2016). Verb acquisition in English and Turkish: The role of processing. *Proceedings of the 40th Annual Boston University Conference on Language Development*, Somerville, MA: Cascadilla Press.
23. Canat, M., Tezcan, M. O., Yurdakul, C., Tiza, E., Sefercik, B. C., Bostan, İ. *, Buruk, O. T., **Göksun, T.**, & Özcan, O. (2016). Sensation: Measuring the Effects of a Human-to-Human Social Touch Based Controller on the Player Experience. *In Proceedings of the CHI 2016*.
24. Belpaeme, T., Kennedy, J., Baxter, P., Vogt, P., Krahmer, E.E.J., Kopp, S., Bergmann, K., Leseman, P., Küntay, A.C., **Göksun, T.**, Pandey, A.K., Gelin, R., Koudelkova, P., & Deblieck, T. (2015). L2TOR - Second Language Tutoring using Social Robots. *In Proceedings of 1st International Workshop on Educational Robotics* at ICSR 2015, Paris, France.
25. Akhavan, N. *, Nozari, N., & **Göksun, T.** (2015). Motion event expressions in language and gesture: Evidence from Persian. In Noelle, D. C., Dale, R., Warlaumont, A. S., Yoshimi, J., Matlock, T., Jennings, C. D., & Maglio, P. P. (Eds.), *Proceedings of the 37th Annual Conference of the Cognitive Science Society* (pp. 60-65), Austin, TX: Cognitive Science Society.

26. **Göksun, T.**, Kranjec, A., & Chatterjee, A. (2014). The development of visual art preferences. *Proceedings of the 23rd International Association of Empirical Aesthetics*.
27. Atit, K., Resnick, I., Shipley, T. F., Ormand, C., Manduca, C., **Göksun, T.**, & Tikoff, B. (2013). Spatial gestures point the way to a broader understanding of the gestural referent. In M. Knauff, M. Pauen, N. Sebanz, & I. Wachsmuth, *Proceedings of the 35th Annual Conference of the Cognitive Science Society* (pp. 1786-1791), Austin, TX: Cognitive Science Society.
28. Matlen, B. J., Atit, K., **Göksun, T.**, Rau, M. A., & Ptouchkina, M. (2013). Representing space: Exploring the relationship between gesturing and geoscience understanding in children. In C. Stachniss, K. Schill, & D. Uttal (Eds.), *Proceedings of the Spatial Cognition VIII: International Conference on Spatial Cognition* (pp. 405-415). Berlin: Springer.
29. **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2009). Processing figures and grounds in dynamic and static events. In J. Chandlee, M. Franchini, S. Lord, & G. Rheiner (Eds.), *Proceedings of the 33rd Annual Boston University Conference on Language Development*, (pp. 199-210). Somerville, MA: Cascadilla Press.
30. Naigles, L., Küntay A., **Göksun, T.**, & Lee, J. (2006). Language specific properties influence children's acquisition of argument structure. In D. Bamman, T. Magnitskaia, & C. Zaller (Eds.), *Proceedings of the 30th Annual Boston University Conference on Language Development* (pp. 388-398). Somerville, MA: Cascadilla Press.

Manuscripts under revision/under review

1. Turan, E. *, Aktan-Erciyes, A., & **Göksun, T.** (under review). Learning relational language during preschool ages.
2. Arslan, B. *, & **Göksun, T.** (under review). Aging, working memory, and mental imagery: Understanding gestural communication in younger and older adults.
3. Balcı, F., Baykal, G. E., **Göksun, T.**, Kisbu-Sakarya, Y., & Yantaç, E. (under review). My Creative World (MCW): Improving creative in elementary school children.
4. Demir-Lira, Ö. E., Kanero, J., Oranç, C., Koşkulu, S., Franko, I. *, **Göksun, T.**, & Küntay, A. C. (under review). Using gestures in L2 vocabulary teaching: Human or robot tutors?
5. Özcan, M. Ş., Çetinkaya, E., **Göksun, T.**, & Kisbu-Sakarya, Y. (under review). Does learning coding influence cognitive skills of elementary school children? Findings from a randomized experiment.
6. Akbıyık, S. *, **Göksun, T.**, & Balcı, F. (under review). Cathodal tDCS Stimulation of Left Anterior Temporal Lobe Eliminates Cross-Category Color Discrimination Response Time Advantage.
7. Callizo, C., Tutnjevic, S., Pandza, M., Ouellet, M., Kranjec, A., Ilic, S., Gu, Y., **Göksun, T.**, Chahboun, S., Casasanto, D., & Santiago, J. (submitted). A cross-cultural principle of temporal spatialization.
8. Singh, L., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (in prep). Bilingual infants take longer to achieve semantic alignment in viewing dynamic motion events.
9. Akbıyık, S. *, **Göksun, T.**, & Balcı, F. (in prep). Decomposing color categorization and discrimination with the Hierarchical Bayesian estimation of the Drift Diffusion Model.

10. Söğüt, M. *, Göksun, T., Altan-Atalay, A. (in prep). The role of numerical ability on the Wisconsin Card Sorting Task performances of 5- to 8-year-old children.

INVITED TALKS

Boğaziçi University Cognitive Science Seminar, March 2020

Language, thought, gesture

Boğaziçi University – Psychology Days, February 2020

Language and thought interaction

Çukurova University (Adana – Turkey) – Psychology Days, December 2019

Language and thought interaction

National Child and Adolescence Diabetes Symposium - (Ankara – Turkey), October 2019

Early neurocognitive development

TPÖÇG (Turkish Psychology Students' National Congress) (ODTÜ – Ankara-Turkey), July 2019

Language and thought interaction

Üsküdar American Academy (Istanbul – Turkey) – Neuroscience Seminar, May 2019

Cognitive neuropsychology

Turkish Psychological Association Conference (Ankara – Turkey), November 2018

Language and thought interaction

Temple University Research in Spatial Cognition Meeting, October 2018

Language and thought interaction

Boğaziçi University Student Conference on Theoretical and Experimental Linguistics, February 2018

Language and thought interaction

Hacettepe University (Ankara – Turkey) – Developmental Psychology Symposium, November 2017

Early language development

University of Aachen (Germany) - Psychology Seminar, May 2017

Language, gesture, and brain injury

Koç University (Istanbul – Turkey) – Psychology Days, April 2016

Free will and children

Bahçeşehir University (Istanbul – Turkey) - Seminar, March 2016

Language, gesture, and brain injury

İzmir Economy University (İzmir – Turkey) – Seminar, December 2015

Language, gesture, and brain injury

Bilkent University (Ankara – Turkey) – Psychology Seminar, April 2015

Language, gesture, and brain injury

The Board of the Trustees Meeting of Koç University, October 2014

Language, gesture, and brain injury

Özyeğin University (Istanbul – Turkey) – Psychology Seminar, May 2014

Language and thought, developmental

Arel University (Istanbul – Turkey) – Psychology Days, April 2014

Early language development

Rice University – Cognitive Seminar, November 2013

Language, gesture, and brain injury

University of Chicago – Spatial Intelligence Learning Center, April 2013

Spatial language, gesture, and brain injury

University of Aachen (Germany) - IRTG Winter School, November 2012

Spatial language, gesture, and brain injury

Carnegie Mellon University – Pittsburg Learning Center, February 2012

Space and language

Işık University (Istanbul – Turkey) – Psychology Seminar, December 2011

Language and thought, developmental
Annual Inter-Science of Learning Center Student Conference (Washington, DC) – March 2011
Bringing together diverse research perspectives in the domain of learning
Koç University (Istanbul – Turkey) – Psychology Seminar, December 2009
Language and thought, developmental
Koç University (Istanbul – Turkey) – Language and Communication Lab, July 2008
Event processing and language

CONFERENCE PRESENTATIONS (not listed in the proceedings)

*denotes students under my (co)supervision and † denotes postdoctoral scholars

- Kızıldere, E. *, Kobaş, M. *, Doğan, I. *, Aktan-Erciyes, A., Demir-Lira, E., & **Göksun, T.** (2020, July). Event representation, parental spatial input, and relational language comprehension in full-term and preterm infants. Paper to be presented in Demir-Lira (chair), *Beyond quantity-quality: Specifying aspects of high-quality parental language input that predict optimal child outcomes*. International Congress for the Study of Child Language, Philadelphia, PA.
- Doğan, I. *, Kobaş, M. *, Kızıldere, E. *, Aktan-Erciyes, A., Demir-Lira, E., & **Göksun, T.** (2020, July). Parental Verbal Input in Different Gestational Weeks and Atypical Development. Poster to be presented at the International Congress for the Study of Child Language, Philadelphia, PA.
- Kobaş, M. *, Aktan-Erciyes, A., & **Göksun, T.** (2020, July). *Fine Motor Abilities and Parental Input of Object Dimensions Predict Receptive Language*. Poster to be presented at the International Congress for the Study of Child Language, Philadelphia, PA.
- Kobaş, M. *, Kızıldere, E. *, Doğan, I. *, Aktan-Erciyes, A., Demir-Lira, E., & **Göksun, T.** (2020, July). *Fine motor abilities, visual perception and language development in preterm and term infants*. Poster to be presented at the International Congress for the Study of Child Language, Philadelphia, PA.
- Turan, E. *, Kobaş, M. *, Aktan-Erciyes, A., & **Göksun, T.** (2020, July). *Turkish children's learning of postpositions: The role of spatial representations*. Poster to be presented at the International Congress for the Study of Child Language, Philadelphia, PA.
- Ger, E., **Göksun, T.**, Küntay, A., Stoll, S., & Daum, M. M. (2020, January). *Mapping linguistic cues to causal events: A cross-linguistic study*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Kobaş, M. *, Kızıldere, E. *, Aktan-Erciyes, A., Doğan, I. *, & **Göksun, T.** (2020, January). *Gross motor abilities, visual perception, and language development in preterm and term infants*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Kızıldere, E. *, Dik, F. N. *, Aycan, P. B. *, & **Göksun, T.** (2020, January). *The magical book: Pretend play and language competence relation through a new pretense task*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Turan, E. *, Kobaş, M. *, Altunay, H. M. *, Esmer, Ş. C. *, & **Göksun, T.** (2020, January). *The effects of relational language on children's spatial cognition*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Karadöller, D., Ünal, E., Sümer, B., Özer, D. *, **Göksun, T.**, & Özyürek, A. (2019, November). *Children but not adults use both speech and gesture to produce informative expressions of Left-Right relations*. Paper presented at the 44th Boston University Conference on Language Development, Boston, MA.
- Arslan, B. *, Çaba, B. N. *, & **Göksun, T.** (2019, September). *Aging, Working Memory, and Mental Imagery: Understanding gestural communication in younger and older adults*. Poster presented at Gesture and Speech in Interaction (GESPIN) Conference, Paderborn, Germany.

- Kanero, J. #, Oranç, C., Koşkulu, S., **Göksun, T.**, & Küntay, A. C (2019, July). *When do iconic gestures facilitate word learning? The case of L2 lessons for preschoolers led by a robot or human tutor.* Poster presented at the 41st Annual Meeting of the Cognitive Science Society, Montreal, Canada.
- Akbiyık, S. *, Runyun, L., Genç, E., **Göksun, T.**, & Balcı, F. (2019, March). *Colored by language? The role of latent decision processes and left anterior temporal cortex in categorical color perception.* Poster presented at the 26th Cognitive Neuroscience Conference, San Francisco, CA.
- Turan, E. *, Aktan-Erciyes, A. #, Yazıcı, D. *, Ertaş, S. S. *, & **Göksun, T.** (2019, March). *The link between relational language and relational thinking.* Poster presented at the Society for Research on Child Development, Baltimore, MD.
- Kızıldere, E. *, Aktan-Erciyes, A. #, Tahiroğlu, D., & **Göksun, T.** (2019, March). *Pretend play predicting children's language competence.* Poster presented at the Society for Research on Child Development, Baltimore, MD.
- Aktan-Erciyes, A. # & **Göksun, T.** (2019, March). *Early event understanding predicts later motion event lexicalization: A longitudinal study.* Paper presented part of the symposium Universality and Diversity, E. Ünal (chair), in Event Cognition at the International Conference on Psychological Science, Paris, France.
- Özer, D. * & **Göksun, T.** (2019, March). *The role of working memory in the online speech-gesture integration.* Poster presented at the International Conference on Psychological Science, Paris, France.
- Aktan-Erciyes, A. #, Kızıldere, E. *, & **Göksun, T.** (2019, March). *The role of second language proficiency on speech, gestures, and eye-gaze for descriptions of motion events in first and second languages.* Poster presented at the International Conference on Psychological Science, Paris, France.
- Aslan, N., Domaniç, D. A., Aslan, Z. *, Aydın, Ç., & **Göksun, T.** (2019, March). *Gesture use in remembering the past and imagining the future.* Poster presented at the International Conference on Psychological Science, Paris, France.
- Demir-Lira, Ö. E., Kanero, J. #, Oranç, C., Koşkulu, S., Franko, I. *, Uluşahin, O. *, Adıgüzel, Z. *, Küntay, A. C., & **Göksun, T.** (2018, November). *Using gestures in L2 vocabulary teaching: Human or robot tutors?* Poster presented at the 43rd Boston University Conference on Language Development, Boston, MA.
- Özer, D. *, Chatterjee, A., & **Göksun, T.** (2018, July). *Differential role of gestures on spatial language in patients with speech deficits and elderly adults.* Paper presented at the International Conference on Gesture Studies, Cape Town, South Africa.
- Kartalkanat, H. * & **Göksun, T.** (2018, July). *The effects of gesture on children's spatial and event memory.* Poster presented at the International Conference on Gesture Studies, Cape Town, South Africa.
- Tansan, M. *, Özer, D. *, Ilica, D., & **Göksun, T.** (2018, July). *Individual differences in gesture production during spatial tasks.* Poster presented at the International Conference on Gesture Studies, Cape Town, South Africa.
- Callizo, C, Flumini, A., Chahboun, S., Porsuk, Y.K. *, Chai, K., Ouellet, M., Tutnjević, S., Kranjec, A., **Göksun, T.**, Casasanto, D., Lavellee, J., & Santiago, J. (2018, July). *A study on the spatial representation of time in different cultures and religions.* Poster presented at the joint Congress of the SEPEX, SEPNECA, and AIP experimental, Madrid, Spain.
- Aktan-Erciyes, A. #, Uzundağ, B. *, & **Göksun, T.** (2018, June). *On the way to talk about motion events: A longitudinal study.* Poster presented at the International Conference on Infant Studies, Philadelphia, PA.
- Aktan-Erciyes, A. # & **Göksun, T.** (2018, June). *Effects of learning a second language: Motion event descriptions in speech and gesture.* Paper presented at the Jean Piaget Society Conference, Amsterdam, Netherlands.
- Kartalkanat, H. * & **Göksun, T.** (2018, June). *Observing gestures for spatial and event memory.* Poster presented at the Jean Piaget Society Conference, Amsterdam, Netherlands.

- Callizo, C., Flumini, A., Chahboun, S., Amaous, S., Porsuk, Y.K. *, Chai, K., Ouellet, M., Tutnjević, S., Kranjec, A., **Göksun, T.**, Casasanto, D., Lavellee, J., & Santiago, J. (2018, May). *Traditionality and religiosity in the spatial conceptualization of time*. Paper presented at the 21st Psychology days at Zadar, Croatia.
- Turan, E. *, Aktan-Erciyes, A. *, & **Göksun, T.** (2018, January). *Learning relational language in early childhood*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Kızıldere, E. *, Aktan-Erciyes, A. *, Tahiroğlu, D., & **Göksun, T.** (2018, January). *Pretend play and narrative creation*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Kanero, J. #, de Haas, M., Mamus, E. *, Oranç, C., van den Berghe, R., Verhagen, J., Oudgenoeg-Paz, O., Bergmann, K., Schodde, T., Küntay, A. C., **Göksun, T.**, Vogt, P., (2017, October). *Observing human tutoring to develop robot-based language lessons*. Symposium on Multimodal Communication 2017, Bielefeld, Germany.
- Göksun, T.**, (2017, September). *Language and thought interactions*. Talk given at Ege University Cognitive-Experimental Symposium, İzmir, Turkey.
- Santiago, J., Flumini, A., Chahboun, S., de la Fuente, J., Porsuk, Y.K. *, Chai, K., Abrams, K., Ouellet, M., Casasanto, D., Tutnjević, S., Lavellee, J., **Göksun, T.**, & Kranjec, A. (2017, September). *Dimensions of Temporal Thinking Across Cultures and Religions*. Paper presented at ESCOP conference, Potsdam, Germany.
- Sarıçimen, İ. *, Kısa, Y.D. *, Aktan-Erciyes, A. *, & **Göksun, T.** (2017, July). *Mothers' use of spatial language and spatial gestures*. Poster presented at the International Congress for the Study of Child Language, Lyon, France.
- Özer, D. *, Chatterjee, A., & **Göksun, T.** (2017, June). *The Effects of Medium of Encoding on Silent Gestures: Evidence from Young and Elderly Adults*. Poster presented at the Language as a Form of Action Conference (DComm), Rome, Italy.
- Akbiyık, S. *, Karaduman, A. *, **Göksun, T.**, & Chatterjee, A. (2017, June). *The relationship between gesture use and macrolinguistic abilities in narratives*. Poster presented at the Language as a Form of Action Conference (DComm), Rome, Italy.
- Furman, R., **Göksun, T.**, Aktan-Erciyes, A. *, Williamson, R., & Özçalışkan, Ş. (2017, June). *Iconic gesture comprehension by Turkish-learning children*. Poster presented at the Language as a Form of Action Conference (DComm), Rome, Italy.
- Kısa, Y.D. *, Sarıçimen, İ. *, Aktan-Erciyes, A. *, & **Göksun, T.** (2017, April). Learning relational words: A longitudinal study. Paper presented as part of the symposium in N. George (chair), *Playing with words: How parents highlight event structure through language and gesture*, at the Society for Research on Child Development, Austin, TX.
- Geçgin, V. #, Mamus, E. *, Oranç, C. *, Güven, B. *, Küntay, A., & **Göksun, T.** (2017, April). *Development of spatial concepts in a second language: Can feedback defeat complexity?* Poster presented at the Society for Research on Child Development, Austin, TX.
- Kısa, Y. D. *, Aktan-Erciyes, A. *, & **Göksun, T.** (2017, January). *A longitudinal study on learning spatial language in the first two years*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Sarıçimen, İ. *, Ölmez, B. *, Başıcı, A. *, Akhavan, N. *, Aktan-Erciyes, A. *, & **Göksun, T.** (2017, January). *The role of nonverbal behavior during book reading on language development*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Çarkoğlu, C. *, Aktan-Erciyes, A. *, Chatterjee, A., & **Göksun, T.** (2017, January). *Infants' visual art preferences*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Aktan-Erciyes, A. *, **Göksun, T.**, Aksu-Koç, A., & Tekcan, A. (2017, January). *"Thinking for speaking" in early childhood: Bidirectional effects of L1 (Turkish) and L2 (English)*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Göksun, T.**, George, N., Kartalkanat, H. *, Uzundağ, B. *, & Turan, E. * (2016, November). *Expressions of complex causal relations in speech and gesture*. Poster presented at the 41st Boston University Conference on Language Development, Boston, MA.

- Akhavan, N. *, **Göksun, T.**, Kazemi, R., & Nozari, N. (2016, October). *Integrity and function of gestures in aphasia*. Poster presented at the 54th Annual Meeting of the Academy of Aphasia, Llandudno, Wales-UK.
- Santiago, J., Flumini, A., Chahboun, S., Porsuk, Y. K. *, Chai, K., Ouellet, M., Casasanto, D., Tutnjević, S., Lavalley, J., **Göksun, T.**, & Kranjec, A. (2016, August). *Attentional focus and the conceptual representation of time*. Paper presented at the 3rd International Conference on Time Perspective, Copenhagen, Denmark.
- Çatak, E. *, Açık, A., & **Göksun, T.** (2016, July). *The Relationship between Handedness and Valence: A Gesture Study*. Paper presented at the International Conference on Gesture Studies, Paris, France.
- Kon, M., **Göksun, T.**, & Arunachalam, S. (2016, May). Processing cost and the acquisition of novel verb meanings. Paper will be presented as part of the symposium in S. Arunachalam (chair), *How real-time processing abilities affect the trajectory of language acquisition*. 20th International Conference on Infant Studies, New Orleans, LA.
- Aktan-Erciyes, A. * & **Göksun, T.** (2016, January). *On the way to learn relational words: Detecting event components in dynamic events*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Özer, D. *, Bostan, İ. *, Chatterjee, A., & **Göksun, T.** (2015, July). *Describing causal events: Evidence from focal brain injury*. Poster presented at the Annual Meeting of Cognitive Science Society, Pasadena, CA.
- Karaduman, A. *, Bahtiyar, S. *, Chatterjee, A., & **Göksun, T.** (2015, May). *Narratives of focal brain-injured individuals*. Poster presented at the Association for Psychological Science 27th Annual Convention, New York, NY.
- Çatak, E. *, Karaduman, A. *, Bahtiyar, S. *, Chatterjee, A., & **Göksun, T.** (2015, May). *The role of gestures in describing motion in English and Turkish*. Poster presented at the Association for Psychological Science 27th Annual Convention, New York, NY.
- Özer, D. *, Bostan, İ. *, Chatterjee, A., & **Göksun, T.** (2015, April). *Describing and gesturing causal events: Evidence from focal brain injury*. Poster presented at the 22nd Cognitive Neuroscience Conference, San Francisco, CA.
- Özer, D. *, Akhavan, N. *, Altınok, N., Savaş, Ö., Liszkowski, U., Küntay, A., & **Göksun, T.** (2015, March). *Pointing the right way: The role of infant and caregiver gestures on language development in Turkish*. Poster presented at the Society for Research on Child Development, Philadelphia, PA.
- Karaduman, A. *, Çatak, E. *, Bahtiyar, S. *, Chatterjee, A., & **Göksun, T.** (2015, March). *The role of gestures in describing motion in English and Turkish*. Poster presented at the International Convention of Psychological Science, Amsterdam, Netherlands.
- Akhavan, N. *, Özer, D. *, Altınok, N., Ger, E., Liszkowski, U., Küntay, A., & **Göksun, T.** (2015, January). *Infant point following predicts later language development: Evidence from Turkish*. Poster presented at the BCCCD conference, Budapest, Hungary.
- Altınok, N., Savaş, Ö., Liszkowski, U., Küntay, A., & **Göksun, T.** (2015, January). *Could fine motor skills predict early gestural development and vocabulary size?* Poster presented at the BCCCD conference, Budapest, Hungary.
- Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2014, July). Detecting and categorizing grounds in dynamic events. Paper presented as part of the symposium in L. Lakusta (chair), *Representing the event for purposes of language: Infants' categorization of path, manner, and ground in motion events*. XIXth International Conference on Infant Studies, Berlin, Germany.
- Göksun, T.**, Quandt, L., Cason, S. *, & Chatterjee, A. (2014, April). *Restricting spontaneous gesture use when talking about spatial events*. Poster presented at the 21st Cognitive Neuroscience Conference, Boston, MA.
- Göksun, T.**, Lehet, M., Malykhina, K. *, & Chatterjee, A. (2013, April). *Gesture compensates for impaired lexical access for spatial language*. Poster presented at the 20th Cognitive Neuroscience Conference, San Francisco, CA.

- George, N., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2013, April). *Any way the wind blows: Children's inferences about force dynamics in events*. Poster presented at the Society for Research on Child Development, Seattle, WA.
- Matlen, B. J., **Göksun, T.**, Atit, K., Rau, M. A., & Ptouchkina, M. (2012, September). *Do gesturing and sketching influence spatial cognition through similar mechanisms?* Poster presented at the 5th International Conference on Spatial Cognition, Rome, Italy.
- George, N., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2012, June). *Forcing the issue: Testing force dynamics theory in early childhood*. Poster presented at the XVIIIth International Conference on Infant Studies, Minneapolis, MI.
- Göksun, T.**, Lehet, M., Malykhina, K. *, & Chatterjee, A. (2012, April). *(Dis)associations between speech and gesture in naming spatial relations*. Poster presented at the 19th Cognitive Neuroscience Conference, Chicago, IL.
- Göksun, T.**, Woods, A.J., Chatterjee, A. Zelonis, S. J., Glass, L., & Smith, S. (2011, October). *The representation of mental number line in children with prenatal brain injury*. Poster presented at the Cognitive Development Society Conference, Philadelphia, PA.
- Resnick, I., Atit, K., **Göksun, T.**, & Shipley, T. (2011, July). *Experts' and novices' use of gesture in explaining geologic maps*. Poster presented at the 33rd Annual Meeting of Cognitive Science Society, Boston, MA.
- Göksun, T.**, Ash, S., Grossman, M., & Chatterjee, A. (2011, April). *In a manner of speaking: Narration in frontotemporal dementia*. Poster presented at the 18th Cognitive Neuroscience Conference, San Francisco, CA.
- Göksun, T.** & Chatterjee, A. (2011, March). *Talking about space: Focal brain damaged adults' spatial language production*. Poster presented at the 4th Annual Inter-Science of Learning Center Student and Post-Doc Conference, Washington, DC.
- George, N., **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2011, March). *Children's use of causal verbs*. Poster presented at the 4th Annual Inter-Science of Learning Center Student and Post-Doc Conference, Washington, DC.
- Göksun, T.**, Roeper, T., Hirsh-Pasek, K., & Golinkoff, R. M. (2010, September). *Nounphrase ellipsis within verbphrase ellipsis: Hidden prolicenses context reference*. Poster presented at Generative Approaches to Language Acquisition North America Conference, Toronto, Canada.
- Göksun, T.**, Ferrara, K., Richie, R., & Hirsh-Pasek, K. (2010, May). *Forces and motion: Exploring children's spatial computation and causal understanding*. Paper presented at the 3rd Annual Inter-Science of Learning Center Student and Post-Doc Conference, Boston, MA.
- Austin, S. *, **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2010, April). *Infants' discrimination of inanimate figures and grounds in dynamic scenes*. Poster presented at the Conference on Human Development, New York, NY.
- Göksun, T.**, Ferrara, K., Winslow, C. *, George, N., Hirsh-Pasek, K., & Golinkoff, R. M. (2010, March). *Forces and Motion: How Young Children Understand Causal Events*. Poster presented at the XVIIth International Conference on Infant Studies, Baltimore, MD.
- Göksun, T.**, Tynan, E., Roseberry, S., George, N., Ferrara, K., Stahl, A., Hirsh-Pasek, K., & Golinkoff, R. M. (2010, March). *A new angle to infant causality*. Poster presented at the XVIIth International Conference on Infant Studies, Baltimore, MD.
- Austin, S. *, **Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2010, March). *What is in an event? Infants' discrimination of inanimate figures on grounds in dynamic scenes*. Poster presented at the XVIIth International Conference on Infant Studies, Baltimore, MD.
- Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., Golinkoff, R. M., & Misitzis, Y. (2010, March). *Categorization of space: Relational and distance changes in dynamic events*. Paper presented in S. Roseberry and T. **Göksun** (chairs) *When representational systems collide: Aligning space and language*. The XVIIth International Conference on Infant Studies, Baltimore, MD.

- Fitzhugh, S. L., **Göksun, T.**, Goldin-Meadow, S., Newcombe, N., & Shipley, T. F. (2009, November). *Insights into mental transformations: Combining gesture, speech, and eye movements to understand mental rotation*. Poster presented at the 50th Annual Meeting of Psychonomics, Boston, MA.
- Göksun, T.**, Hirsh-Pasek, Imai, M., Konishi, H., & Golinkoff, R. M. (2009, November). *The “Where” of events: How do English- and Japanese-reared infants discriminate grounds in dynamic events?* Paper presented at the 34th Boston University Conference on Language Development, Boston, MA. [Received Jean Berko Gleason Award for the Best Student Paper]
- Göksun, T.**, Austin, S. *, Hirsh-Pasek, K., Roseberry, S., & Golinkoff, R. M. (2009, October). *Categorization of grounds in dynamic events*. Poster presented at the Cognitive Development Society Conference, San Antonio, TX.
- Göksun, T.**, Hirsh-Pasek, K., Fisher, K., Misitzis, Y., Ferrara, K., & Golinkoff, R. M. (2009, April). *Forces are in action: Causal understanding of preschoolers*. Poster presented at the Society for Research on Child Development, Denver, CO.
- Göksun, T.**, Hirsh-Pasek, K., Golinkoff, R. M., Shallcross, W. L., Misitzis, Y., & Hafri, A. (2009, April). *How do preschoolers express cause in gesture and speech?* Poster presented at the Society for Research on Child Development, Denver, CO.
- Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., Newcombe, N., Golinkoff, R. M., Novack, M. *, & Brayfield, R. * (2009, April). *Individual differences in early event perception predict later verb learning*. Poster presented at the Society for Research on Child Development, Denver, CO.
- Göksun, T.**, Roseberry, S., Hirsh-Pasek, K., & Golinkoff, R. M. (2009, April). *When is a path not a path? Spatial relationships account for infants’ processing of path and manner*. Poster presented at the Society for Research on Child Development, Denver, CO.
- Roseberry, S., **Göksun, T.**, & Hirsh-Pasek, K. (2009, February). *When is a path not a path? Infant path categorization disappears in the absence of a ground object*. Poster presented at the 2nd Annual Inter-Science of Learning Center Student and Post-Doc Conference, Seattle, WA.
- Göksun, T.** (2008, November). *Processing figures and grounds in dynamic and static events*. Paper presented at 33rd Boston University Conference on Language Development, Boston, MA.
- Göksun, T.**, Hirsh-Pasek, K., Golinkoff, R. M. (2008, July). Figure and Ground: Conceptual primitives for processing events. Paper presented in **T. Göksun** & S. Pruden (chairs), *Foundations for learning relational terms: What is in an event*. Symposium at the 11th International Congress for the Study of Child Language, Edinburgh, Scotland.
- Golinkoff, R. M., Hirsh-Pasek, K., **Göksun, T.**, Roseberry, S., Pulverman, R., Pruden, S. (2008, April). *Foundations of verb learning: How infants view motion events*. Paper presented at Princeton University Mini-Conference on Language Acquisition (organizer: A. Goldberg).
- Roseberry, S., **Göksun, T.**, Hirsh-Pasek, K., Shallcross, W.L., & Golinkoff, R. M. (2008, March). *Where you’re going trumps what you’re doing: Infants prefer paths over manners in dynamic displays*. Poster presented at the XVIth International Conference on Infant Studies, Vancouver, Canada.
- Shallcross, W.L., **Göksun, T.**, Golinkoff, R. M., Hirsh-Pasek, K., Lloyd, M., Newcombe, N., & Roseberry, S. (2008, March). *Building talk: Parental utterances during construction play*. Poster presented at the XVIth International Conference on Infant Studies, Vancouver, Canada.
- Göksun, T.**, Hirsh-Pasek, K., Roseberry, S., Golinkoff, R. M. (2008, March). Processing events and learning relational terms: Figures are more prominent than Grounds. Paper presented in S. Pruden, & **T. Göksun** (chairs), *Conceptual primitives for processing events and learning relational terms*. Symposium at the XVIth International Conference on Infant Studies, Vancouver, Canada.
- Roseberry, S., Hirsh-Pasek, K., Golinkoff, R. M., & **Göksun, T.** (2008, March). *Distance categorization: Do relations matter?* Paper presented at the 79th Annual Eastern Psychological Association, Boston, MA.
- Parish-Morris, J., **Göksun, T.**, Hirsh-Pasek, K., Golinkoff, R. M., & Richardson, A. (2007, June). *Talking books: What kind of parental talk do they promote?* Paper presented at Jean Piaget Society Conference, Amsterdam, Netherlands.

- Göksun, T.**, Jones, M. C., Hirsh-Pasek, K., Roeper, T., Golinkoff, R. M., & Roseberry, S. (2007, March). *Finding the missing piece: Ellipsis as a clue to grammatical development*. Poster presented at Society for Research on Child Development, Boston, MA.
- Göksun, T.**, Jones, M. C., Hirsh-Pasek, K., Roeper, T., & Golinkoff, R. M. (2006, April). *What's missing? Sensitivity to Ellipsis Signals Grammatical Categories*. Paper presented at the Conference on Human Development, Louisville, KY.
- Naigles, L., Küntay A., **Göksun, T.** & Lee, J. (2005, November). *Language specific properties influence children's acquisition of argument structure*. Poster presented at 30th Boston University Conference on Language Development.
- Göksun, T.**, Küntay A., & Naigles, L. (2005, July). *Development of comprehension of (in)transitivity in Turkish: An act-out study*. Poster presented at 10th International Congress for the Study of Child Language, Berlin, Germany.
- Özyürek, A., Goldin-Meadow, S., Gürcanlı, Ö, & **Göksun, T.** (2005, July) *Gestural expressions of motion events with and without a language*. Paper presented at 10th International Congress for the Study of Child Language, Berlin, Germany.

PROFESSIONAL SERVICE

Symposium Organization/Symposium Discussant

- 2020 Role of gestures in facilitating language acquisition and cognitive development. International Congress for the Study of Child Language, Philadelphia, PA (Discussant).
- 2015 Who done it? Processing causal events for language. Society for Research on Child Development, Philadelphia, PA.
- 2010 When representational systems collide: Aligning space and language. International Society on Infant Studies Conference, Baltimore, MD (co-organized with Sarah Roseberry).
- 2008 Foundations for processing events and learning relational terms. 11th International Congress for the Study of Child Language, Edinburgh, Scotland (co-organized with Shannon Pruden).
- 2008 Conceptual primitives for processing events and learning relational terms. International Society on Infant Studies Conference, Vancouver, Canada (co-organized with Shannon Pruden).

Service to Profession

Executive Board

Secretary General for International Studies for Gesture Studies (ISGS) (2016 - present)

Editorial

Editorial Advisory Board for British Journal of Developmental Psychology (2014 - present)

Ad-hoc Journal Reviewer

Augmentative and Alternative Communication
 Behavioral Processes
 Behavior and Information Technology
 Brain and Language
 British Journal of Developmental Psychology
 Child Development
 Child Neuropsychology
 Cognition
 Cognitive Development
 Cognitive Processes
 Cognitive Research: Principles and Implications
 Cognitive Science: An Interdisciplinary Journal
 Developmental Psychology
 Developmental Psychobiology

Developmental Science
European Journal of Developmental Psychology
Frontiers in Human Neuroscience
Frontiers in Psychology
Human Brain Mapping
IEEE Transactions on Autonomous Mental Development
IEEE Transactions on Human-Machine Systems
Infant and Child Development
International Journal of Child-Computer Interaction
Journal of Child Language
Journal of Child Language Acquisition and Development
Journal of Experimental Psychology: General
Journal of Experimental Child Psychology
Journal of Memory and Language
Journal of Pragmatics
Language and Cognition
Language Learning and Development
Neural Networks
NeuroImage
Psychology of Language and Communication
PLOS One
Türk Psikoloji Yazıları

Ad-hoc Grant Reviewer

TÜBİTAK (The Scientific and Technological Research Council of Turkey)

Award Reviewer

BAGEP (Science Academy of Turkey Young Scientist Award) (2019)

Conference Panel Chair/Committee

Associate Editor for IEEE ICDL-EPIROB Conference (2019)

Co-chair of Communication and Language Review Panel for International Congress on Infant Studies (2018)

Organizing Committee Member for ICSLA (International Conference on Sign Language Acquisition) (2018)

Conference Reviewer

International Congress for the Study of Child Language, IASCL (2020)

Developmental Symposium in Turkey (2019)

GESPIN (Gesture & Speech Interaction) Conference (2019)

International Studies for Gesture Studies Conference (2018)

Cognitive Science Society Conference (2016, 2017, 2018, 2019)

Events in Language and Cognition Workshop (2016)

CAPHL Workshop (2014, 2016)

Spatial Cognition Conference (2012)

5th International Conference on Spatial Cognition (2012)

Inter-Science of Learning Center Student and Post-Doc Conference (2010, 2011, 2013)

Philadelphia Area Psi Chi Research Day Judge (2010)

Textbook Reviewer

Sage Publications (2013)

Service to the University and College of Social Sciences and Humanities

2019 - present Quality Commission Committee of the University

2019 - present Design Project Committee

2017 – present	Design Technology and Society Graduate Program Committee
2019 – 2020	Marketing Faculty Search Committee
2016 – 2019	Faculty Council & Faculty High Council Member
2016 – 2017	Finance Faculty Search Committee
2015 – 2016	Global Engagement Certificate Advisory Board
2015 – 2016	Psychology Faculty Search Committee
2014 – 2016	Organizing Committee Member Seminars in Social Sciences and Humanities

Service to the Department of Psychology

Koç University

2019 – present	UX track co-coordinator
2017 – present	Academic Advisor of Koç Psychology Students' Journal
2014 – present	Newcoming Student Advisor
2015 – 2017	Graduate Studies Coordinator
2014 – 2017	Advisor of Psychology Club, Koç University

Temple University

2008	Graduate Student Representative on Admissions Committee
2007 – 2009	Representative of Developmental Psychology Graduate Students
2006 – 2007	Organizing Committee Member for PhD applicants

Professional Affiliations

International Society for Gesture Studies
 Society for Research on Child Development
 Cognitive Science Society

TEACHING EXPERIENCE (as instructor)

Koç University, Department of Psychology

PSYC 614: Language and Thought (Graduate Level) (Spring 2015, Fall 2016, Fall 2018)
 PSYC 559: Selected Topics in Psychology: Gesture & Cognition (Graduate Level) (Spring 2015, Fall 2019)
 PSYC 521: Cognitive Development (Graduate Level) (Fall 2019)
 PSYC 206: Developmental Psychology (Undergraduate Level) (Fall 2014, Spring 2016, Fall 2017, Spring 2018, Fall 2019)
 PSYC 301: Research Methods (Undergraduate Level) (Spring 2014, Fall 2014, Fall 2015, Spring 2016, Spring 2017, Spring 2020)
 PSYC 352: Selected Topics: Language and Cognition (Undergraduate Level) (Fall 2018, Spring 2020)
 PSYC 348: Introduction to Cognitive Science (Spring 2017)
 PSYC 445: Cognitive Development (Upper Undergraduate Level) (Spring 2015, Fall 2016, Spring 2018, Spring 2019)
 PSYC 453: Selected Topics: Developmental Cognitive Neuroscience (Upper Undergraduate Level) (Spring 2014)
 PSYC 453: Selected Topics: Cognitive Neuropsychology (Upper Undergraduate Level) (Fall 2015, 2017)

Temple University, Department of Psychology

PSYC 2301: Developmental Psychology (Summer 2006, Summer 2010)
 PSYC 3620: Topics in Psychology: Language Development (Summer 2009)

Guest Lecturer/Speaker

UX Course “UX Research for and with children,” Department of Media and Visual Arts, Koç University (Instructor: Asst. Prof. Aykut Coşkun) – Fall 2019.

Developmental Psychology course “Early language development,” Department of Psychology, METU (Instructor: Asst. Prof. Başak Şahin-Acar) – Spring 2019.

Culture & Cognition Course “Language and Cognition,” Department of Psychology, Boğaziçi University (Instructor: Prof. Ayşecan Boduroğlu) – Spring 2018.

Selected Topic in Design, Technology, and Society Course “Experimental Methods,” Graduate program in DTES (Instructor: Asst. Prof. Aykut Coşkun) – Fall 2017.

Interactive Design Course “Aesthetic Appreciation: Art as a Case Study,” Department of Media and Visual Arts, Koç University (Instructor: Asst. Prof. Evren Yantaç) – Fall 2014, Spring 2015, Spring 2016, Fall 2016, Spring 2017.

Language, Culture, & Society Course “Early Language Development,” Department of Sociology, Boğaziçi University (Instructor: Asst. Prof. Eva-Marie Dubuisson) - Fall 2014.

Discussion leader in Neuroscience Boot Camp, Center for Cognitive Neuroscience, University of Pennsylvania – Summer 2013.

Professional Development Seminar, Department of Psychology, Temple University (Instructor: Prof. Robert Weisberg) – Fall 2009.

Infancy course “Early Language Development,” Department of Psychology, Temple University (Instructor: Isabella Lanza) - Fall 2009.

Guest lecturer to Developmental Psychology course “Language Development,” Department of Psychology, Temple University (Instructor: Shari Jager-Hyman) – Summer 2008.

Developmental Psychology course “Early Cognitive Development,” Department of Psychology, Temple University (Instructor: Julia Parish-Morris) - Summer 2008.

Mentoring and Student Committees

Koç University

(DTES: Design-Technology-Society PhD program; otherwise Psychology students)

Postdoctoral Researchers

Junko Kanero (August 2016 – January 2019)

Aslı Aktan Erciyes (September 2017 – September 2018)

Vasfiye Geçgin (March 2016 – April 2017)

PhD Students

Gyulten Hyusein (September 2019 – present)

Burcu Arslan (September 2018 – present)

Demet Özer (July 2016 – present)

Gökçe Elif Baykal (DTES, co-advisor, June 2018): Dissertation on Developing Transmedia Learning Environment for Spatial Skills (*Received Excellence Award from Graduate School of Social Sciences and Humanities*)

Ahmet Börütecene (DTES, co-advisor, June 2017): Dissertation on Designing Object-mediated Advice Interactions

Masters Students

Zeynep Adıgüzel (February 2020 – present)

Esmâ Nur Asalioğlu (September 2019 – present)

Feyza Nur Dik (September 2019 – present)

Işıl Doğan (September 2019 – present)

Mert Kobaş (November 2018 – present)

Emir Akbuğa (September 2018 – present)

Erim Kızıldere (September 2018 – present)
Sümeýra Saatçi (October 2017 – August 2019): Thesis on Parkinson's Disease and gesture
Zeynep Aslan (March 2018 – July 2019): Thesis on emotion processing in first and second languages
Meryem Söğüt (co-advisor, September 2017 – March 2019): Thesis on executive functions and number
Hazal Kartalkanat (September 2016 – August 2018): Thesis on memory and gesture in children
Seda Akbıyık (co-advisor, September 2016 – June 2018): Thesis on color categorization and memory
(*Received Excellence Award from Graduate School of Social Sciences and Humanities*)
Nilofar Akhavan (January 2014– July 2016): Thesis on motion events and gesture in Persian
Demet Özer (January 2014 – June 2016): Thesis on duration perception and language
Esra Nur Çatak (January 2014 – September 2015): Thesis on body specificity and handedness
Ayşenur Karaduman (January 2014 – August 2015): Thesis on narratives and brain injury

PhD Committees

Ozan Arkan Can (Computer Engineering)
Deniz Özkan Göktürk
Cansu Oranç (Fall 2019)
Müge Akbulut (Fall 2019)
Mehmet Aydın Baytaş (DTES) (Spring 2019)
Hilal Şen (Fall 2018)

Berna Uzundağ (Spring 2018)
Sedef Süner (METU, Spring 2018)
Oğuz Turan Burak (DTES, Summer 2017)
Aslı Aktan Erciyes (Boğaziçi U, Summer 2017)
Hakan Karşılar (Fall 2016)
Beyza Ateş Şen (Summer 2016)
Berivan Ece Usta (Summer 2014)

Preliminary PhD Committees

Büşra İzgi (Neuroscience, Fall 2019)
Dicle Çapan (Fall 2019)
Naziye Güneş (Boğaziçi U., Spring 2018)
Ceren Gürdere (Fall 2017)
Ceymi Doenyas (Spring 2017)
Mehmet Aydın Baytaş (DTES, Spring 2017)
Cansu Oranç (Fall 2016)
Yalçın Doğan (Summer 2016)
Oğuz Turan Burak (DTES, Fall 2015)

Deniz Özkan Göktürk (Fall 2015)
Berna Uzundag (Summer 2015)
Ahmet Börütecene (DTES, Spring 2015)
Hakan Karşılar (Spring 2015)
Süleyman Taşçı (Spring 2015)
Buket Kara (Fall 2015)
Beyza Ateş Şen (Fall 2014)
Ceyla Erhan (Fall 2014)
Ahmet Güzererler (DTES, Fall 2014)
Eda Mızrak (Spring 2014)

Masters Committees

Ezgi Bilgin
Aslı Yurtsever
Sümeýye Koşkulu (Fall 2019)
Ceren Bozkurt (Boğaziçi U, Fall 2019)
Elif Sayman (EE, Fall 2019)
Büşra Tanrıverdi Özkan (Summer 2017)
Seçil Gönültaş (Summer 2017)
Ebru Ger (Fall 2016)

Burcu Beşiroğlu (Fall 2016)
Tuğçe Tosun (Spring 2016)
Başak Akdoğan (Summer 2015)
Filiz Coşkun (Summer 2015)
Özge Savaş (Spring 2015)
İrem Korucu (Summer 2014)
Mehmet Aydın Baytaş (DTES, Summer 2014)

Major paper Committee for PhD Students

Dilan Çabuk (Fall 2019)
Burcu Arslan (Summer 2019)
Meryem Şeyda Zaim (Summer 2019)

Bihter Akyol (Fall 2018)
İrem Ergen (Fall 2018)
Deniz Özkan Göktürk (Spring 2014)

Undergraduate Honors Projects

Eylül Turan (Spring 2018): Project on relational vocabulary learning
Orhun Uluşahin (Spring 2018): Project on language and music
Can Çarkoğlu (Fall 2017): Project on development of aesthetic abilities
Melis Çetinçelik (Spring 2016): Project on causal event understanding
Deniz Çetin (Spring 2016): Project on time, space, and gesture
Sevgi Bahtiyar (Spring 2015): Project on time and space interaction

Undergraduate Independent Studies

Pınar Bercis Aycan (Spring 2020)	Kağan Porsuk (Fall 2016)
Derya Ilıca (Fall 2018, Spring 2019)	İlkin Sarıçimen (Fall 2016)
Selin Topel (Spring 2018)	Hazal Kartalkanat (Spring 2016)
Dilan Tulan (Fall 2017, Spring 2018)	Melis Çetinçelik (Fall 2015)
Eylül Turan (Spring 2017, Fall 2017)	Deniz Çetin (Spring 2015, Fall 2015)
Orhun Uluşahin (Fall 2016, Summer 2017)	Sevgi Bahtiyar (Fall 2014)
Merve Tansan (Spring 2017)	Ashlan Bağcı (Fall 2014, Spring 2015)
Can Çarkoğlu (Spring 2016, Fall 2016)	Ceylin Ertekin (Fall 2014, Spring 2015)

Undergraduate Research Assistants (worked in the lab at least two semesters)

Sevgi Bahtiyar, Ashlan Bağcı, İdil Bostan, Anıl Yalın, Deniz Çetin, Melis Çetinçelik, Ceylin Ertekin, Ayşenur Yağmur Nas, Nur Baltalarlı, Ecem Şenel, Berna Aker, Şeyma Taşel, İlkin Sarıçimen, Can Çarkoğlu, Buse Naz Yılmaz, Kağan Porsuk, Ece Kuraloğlu, Irmak Çelebioğlu, Elçin Ökten, Hazal Kartalkanat, Müge Gülen, Nisan Dalbayrak, Klodin Değirmenci, Yağmur Deniz Kısa, Orhun Uluşahin, Eylül Turan, Ezgi Düzce, Dilara Işık, Gizem Karakaya, Ayşegül Güneşli, Dilara Avdagiç, Merve Tansan, Ege Ekin Özer, Erim Kızıldere, Derya Ilıca, Büşra İzgi, Zeynep Adıgüzel, Ece Şekerli, Ashlı Yurtsever, Duygu Buğa, Burcu Arslan, Şeref Can Esmer, İpek Bahar Ungan, İdil Alp, Melisa Varol, Merve Duran, İlke Uysal, Özge Eser, Işıl Doğan, Rengim Lal Kılavuz, Can Avcı, Aylin Erdoğan, İrem Türkmen, İlayda Eminoğlu, Pınar Sara Kalkanlı, Buse Nur Çaba, Taygun Yorulmaz, Pınar Bercis Aycan.

Summer/Winter Research Assistants from Other Universities

Uğur Kan (METU), Salih Özdemir (Boğaziçi U), Elif Erkekli (İstanbul U), Mahmut Kurupınar (Boğaziçi U), Gülfem Sarı (Ege U), Yağmur Şentürk (Sabancı U), Alp Deniz Domaniç (Sabancı U), Nesli Aslan (Sabancı U), Feyza Nur Dik (Boğaziçi U), Salih Bartuğ Çelik (Bilkent U), Mehmet Arda Güneyi (Boğaziçi U), Ayça Başçı (Bilkent U), Buse Ölmez (Özyeğin U), Gürer Gündöndü (St. Johns College, USA), İdil Alaftar (Bilkent U), Benay Başkurt (Bilkent U), Aziz Gürkan Tan (Uludağ U), Atakan Kaya (Boğaziçi U), Melike Hazır (Boğaziçi U), Hilal Demircan (Boğaziçi U), Gülipek Candan (University of British Columbia, Canada).

University of Pennsylvania & Temple University

Undergraduate Research Assistants

Samuel Cason (Summer 2013)
Katie Malykhina (Independent Study; January 2012 - August 2013)
Stacey Austin (Honors Thesis; January 2009 - May 2010)
Haruka Konishi (2008- 2009)

