

# Tilbe Göksun

**Full Name:** Tilbe Göksun Yörük

**Work Address:** Rumelifeneri Yolu Sariyer – Istanbul, Turkey 34450

**E-mail:** [tgöksun@ku.edu.tr](mailto:tgöksun@ku.edu.tr)

**Website:** <http://www.tilbegoksunyoruk.com/>

**Language & Cognition Lab website:** <http://lclab.ku.edu.tr/>

## EMPLOYMENT

- 2014 – present      Assistant Professor  
Department of Psychology  
College of Social Sciences and Humanities  
Koç University, Istanbul – Turkey
- 2010 – 2013      Postdoctoral Researcher  
Department of Neurology, Center for Cognitive Neuroscience  
Spatial Intelligence Learning Center  
University of Pennsylvania, Philadelphia, PA  
*Advisor:* 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 (with honors)  
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, early development of aesthetic

## RESEARCH GRANTS

### Ongoing Research Support

- James S. McDonnell 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)

- 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)
- 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)
- 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)
- 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) (2015-2018)
- 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)

### **Completed Research Support**

- Science Academy of 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 Göksun 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 Göksun, Bryan Matlen and Kinnari Atit, \$6000) (2011-2012)

### **HONORS & AWARDS**

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

James S. McDonnell Scholar Award (2017)

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

Outstanding Teaching Award, Koç University (2015)

Jean Berko Gleason Best Student Paper Award - 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)

Society for Research in Child Development Travel Award (2009)

International Congress for the Study of Child Language (IASCL) Travel Award (2005, 2008)

Temple University College of Liberal Arts Graduate Student Travel Award (2006, 2008, 2009)

Boston University Language Conference Paula Manyuk Competitive Travel Award (2005)

## PUBLICATIONS

\*Denotes undergraduate student, graduate student or postdoctoral scholar under my supervision

### Books

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

### Peer-Reviewed Journal Articles

Akhavan, N.\*, **Göksun, T.**, & Nozari, N. (in press). The integrity and function of gestures in aphasia. *Aphasiology*.

Akhavan, N.\*, Nozari, N., & **Göksun, T.** (2017). Expression of motion events in Farsi. *Language, Cognition, and Neuroscience*, 32, 792-804.

Karaduman, A.\*, **Göksun, T.**, & Chatterjee, A. (2017). Narratives of focal brain-injured individuals: A macro-level analysis. *Neuropsychologia*, 99, 314-325.

**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.

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.

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.

**Göksun, T.**, George, N., Hirsh-Pasek, K., & Golinkoff, R. M. (2013). Forces and motion: Causal understanding of preschoolers. *Child Development*, 84, 1285-1295.

**Göksun, T.**, Lehet, M., Malykhina, K., & Chatterjee, A. (2013). Naming and gesturing spatial relations: Evidence from focal brain-injured individuals. *Neuropsychologia*, 51, 1518-1527.

**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.

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.

**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.

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.

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.

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.

**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.

**Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2010). Trading spaces: Carving up events for learning language. *Perspectives on Psychological Science*, 5, 33-42.

**Göksun, T.**, Hirsh-Pasek, K., & Golinkoff, R. M. (2010). How do preschoolers express cause in gesture and speech? *Cognitive Development*, 25, 56-68.

**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**

- Göksun, T.** & Chatterjee, A. (2016). Does brain injury impair speech and gesture differently? *Ciencia Cognitiva* (<http://www.cienciacognitiva.org/?p=1147>)
- Göksun, T.** (2016). Tasarım, Psikoloji ve Dil (pp. 35-45), In *Tasarım ne Bekler, Cogito*: Istanbul: YKY (in Turkish).

## **Book Chapters and Book Reviews**

- 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.
- 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), 2<sup>nd</sup> Edition, Istanbul: Koç University Press (in Turkish).
- 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).
- 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).
- 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.
- 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.
- Göksun, T.** (2009). A review of "The categorization of spatial entities in language and cognition". *International Cognitive Linguistics Association*.

## **Peer-reviewed Conference Proceedings**

- 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.
- Özer, D.\* , Kranjec, A., Balçı, 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.
- 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*.
- 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 19<sup>th</sup> Human Computer Interaction International Conference*. Vancouver, Canada.

- 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 19<sup>th</sup> Human Computer Interaction International Conference*. Vancouver, Canada.
- 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.
- Obaid, M., Yantaç, A. E., Barendregt, W., Kırlangıç, 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*.
- 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*.
- 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.
- 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.
- 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*.
- 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 15<sup>th</sup> Interaction Design and Children Conference (IDC'16)*.
- 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.
- 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*.
- 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.
- 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 37<sup>th</sup> Annual Conference of the Cognitive Science Society* (pp. 60-65), Austin, TX: Cognitive Science Society.
- Göksun, T.**, Kranjec, A., & Chatterjee, A. (2014). The development of visual art preferences. *Proceedings of the 23<sup>rd</sup> International Association of Empirical Aesthetics*.
- 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 35<sup>th</sup> Annual Conference of the Cognitive Science Society* (pp. 1786-1791), Austin, TX: Cognitive Science Society.
- 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.

- 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 33<sup>rd</sup> Annual Boston University Conference on Language Development*, (pp. 199-210). Somerville, MA: Cascadilla Press.
- 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 30<sup>th</sup> Annual Boston University Conference on Language Development* (pp. 388-398). Somerville, MA: Cascadilla Press.

### **Manuscripts under revision/under review**

- Baykal, G.E.\*, Veryeri Alaca, I., Yantaç, A.E., & **Göksun, T.** (revised-resubmitted). Making use of inherent spatiality of tangible user interfaces (TUIs) to facilitate preschoolers' spatial learning.
- Kanero, J.\*, Geçgin, V. \*, Oranç, C.\*, Mamus, E.\*, Küntay, A., & **Göksun, T.** (revised-resubmitted) Can children learn language from a robot? Current research and future directions.
- Çatak, E. N.\*, Açık, A., & **Göksun, T.** (revised-resubmitted). The relationship between handedness and valence: A gesture study.
- Barendregt, W., Obaid, M., Kırlangıç, G., **Göksun, T.**, & Yantaç. A. E. (under review). Beyond appearance: Children's requirements for classroom robots.

### **INVITED TALKS**

- 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
- Koç University (Istanbul – Turkey) – Psychology Seminar, December 2009  
Language and thought, developmental

**CONFERENCE PRESENTATIONS (not listed in the proceedings)**

\*Denotes undergraduate student, graduate student or postdoctoral scholar under my supervision

- 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., Lavalley, 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 17<sup>th</sup> BCCCD conference, Budapest, Hungary.
- Sarıçimen, İ.\*, Ölmez, B.\*, Başçı, 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 17<sup>th</sup> BCCCD conference, Budapest, Hungary.
- Çarkoğlu, C.\*, Aktan-Erciyes, A.\*, Chatterjee, A., & **Göksun, T.** (2017, January). *Infants' visual art preferences*. Poster presented at the 17<sup>th</sup> 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 17<sup>th</sup> 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 41<sup>st</sup> 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 54<sup>th</sup> 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 3<sup>rd</sup> International Conference on Time Perspective, Copenhagen, Denmark.
- Çatak, E.\*, Açıık, 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*. 20<sup>th</sup> 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 16<sup>th</sup> 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 27<sup>th</sup> 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 27<sup>th</sup> 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 22<sup>nd</sup> 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 15<sup>th</sup> 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 15<sup>th</sup> 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*. XIX<sup>th</sup> 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 21<sup>st</sup> 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 20<sup>th</sup> 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 5<sup>th</sup> 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 XVIII<sup>th</sup> 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 19<sup>th</sup> 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 33<sup>rd</sup> 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 18<sup>th</sup> Cognitive Neuroscience Conference, San Francisco, CA.
- Göksun, T.** (2011, March). *Bringing together diverse research perspectives in the domain of learning.* Invited discussant talk at the 4<sup>th</sup> Annual Inter-Science of Learning Center Student and Post-Doc Conference, Washington, DC.
- Göksun, T.** & Chatterjee, A. (2011, March). *Talking about space: Focal brain damaged adults' spatial language production.* Poster presented at the 4<sup>th</sup> 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 4<sup>th</sup> 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 3<sup>rd</sup> 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 XVII<sup>th</sup> 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 XVII<sup>th</sup> 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 XVII<sup>th</sup> 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 XVII<sup>th</sup> 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 50<sup>th</sup> 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 34<sup>th</sup> 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 2<sup>nd</sup> 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 33<sup>rd</sup> 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 11<sup>th</sup> International Congress for the Study of Child Language, Edinburgh, Scotland.
- Hirsh-Pasek, K., Golinkoff, R. M., & **Göksun, T.** (2008, June). *Trading spaces: when language meets universal components in events*. Paper presented at the Spatial Language Conference, Chicago, IL.
- 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 XVI<sup>th</sup> 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 XVI<sup>th</sup> 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 XVI<sup>th</sup> 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 79<sup>th</sup> 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 30<sup>th</sup> 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 10<sup>th</sup> 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 10<sup>th</sup> International Congress for the Study of Child Language, Berlin, Germany.

## PROFESSIONAL SERVICE

### Symposium Organization

- 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. 11<sup>th</sup> 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*

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 Science  
European Journal of Developmental Psychology  
Human Brain Mapping  
IEEE Transactions on Autonomous Mental Development  
Infant and Child Development  
Journal of Child Language  
Journal of Child Language Acquisition and Development  
Journal of Experimental Child Psychology  
Journal of Pragmatics  
Neural Networks  
Psychology of Language and Communication  
PLOS One

*Conference Panel Chair*

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

*Conference Reviewer*

Cognitive Science Society Conference (2016, 2017)  
Events in Language and Cognition Workshop (2016)  
CAPHL Workshop (2014, 2016)  
Spatial Cognition Conference (2012)  
5<sup>th</sup> 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**

2017 – present      Design Technology and Society Graduate Program Committee  
2016 – present      Faculty Council Member  
2015 – 2016        Global Engagement Certificate Advisory Board, Koç University  
2016 - 2017        Finance Faculty Search Committee  
2015 - 2016        Psychology Faculty Search Committee  
2014 – 2016        Organizing Committee Member  
                         Seminars in Social Sciences and Humanities, Koç University

**Service to the Department of Psychology**

2017 – present      Academic Advisor of Koç Psychology Students' Journal  
2014 – 2017        Newcoming Student Advisor  
                         Department of Psychology, Koç University  
2014 – 2017        Advisor of Psychology Club, Koç University  
2015 – 2017        Graduate Studies Coordinator  
                         Department of Psychology, Koç University  
2008                Graduate Student Representative on Admissions Committee  
                         Developmental Area, Department of Psychology, Temple University  
2007 – 2009        Representative of Developmental Psychology Graduate Students  
                         Department of Psychology, Temple University

2006 – 2007

Organizing Committee Member for PhD applicants  
Developmental Area, Department of Psychology, Temple University

### **Professional Affiliations**

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

### **TEACHING EXPERIENCE (as instructor)**

*Koç University, Department of Psychology*

- PSYC 614: Language and Thought (Graduate Level) (Spring 2015, Fall 2016)
- PSYC 206: Developmental Psychology (Undergraduate Level) (Fall 2014, Spring 2016, Fall 2017, Spring 2018)
- PSYC 301: Research Methods (Undergraduate Level) (Spring 2014, Fall 2014, Fall 2015, Spring 2016, Spring 2017)
- PSYC 348: Introduction to Cognitive Science (Spring 2017)
- PSYC 445: Cognitive Development (Upper Undergraduate Level) (Spring 2015, Fall 2016, Spring 2018)
- 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**

Interactive Design Course “Aesthetic Appreciation: Art as a Case Study”, Department of Media and Visual Arts, Koç University (Instructor: Dr. 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: Dr. 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: Dr. 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**

Aslı Aktan Erciyas (October 2017 – present)

Junko Kanero (August 2016 – present)

Vasfiye Geçgin (March 2016 – April 2017)

### **PhD Students**

Büşra İzgi (Neuroscience, co-advisor, September 2017 – present)

Demet Özer (July 2016 – present)

Gökçe Elif Baykal (DTES, co-advisor, September 2015 – present)

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

### **Masters Students**

Hazal Kartalkanat (September 2016 – present)

Seda Akbıyık (co-advisor, September 2016 – present)

Niloofar 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**

Deniz Özkan Göktürk

Mehmet Aydın Baytaş (DTES)

Berna Uzundağ

Oğuz Turan Burak (DTES, Summer 2017)

Aslı Aktan Erciyas (Boğaziçi, Spring 2017)

Hakan Karşılar (Fall 2016)

Beyza Ateş Şen (Summer 2016)

Berivan Ece Usta (Summer 2014)

### **Preliminary PhD Committees**

Ceymi Doenyas (Spring 2017)

Mehmet Aydın Baytaş (DTES, Spring 2017)

Cansu Oranç (Fall 2016)

Yalçın Doğan (Summer 2016)

Gökçe Elif Baykal (DTES, Spring 2016)

Oğuz Turan Burak (DTES, Fall 2015)

Deniz Özkan Göktürk (Fall 2015)

Buket Kara (Fall 2015)

Berna Uzundag (Summer 2015)

Ahmet Börütcene (DTES, Spring 2015)

Hakan Karşılar (Spring 2015)

Süleyman Taşçı (Spring 2015)

Beyza Ateş Şen (Fall 2014)

Ceyla Erhan (Fall 2014)

Ahmet Güzererler (DTES, Fall 2014)

Eda Mızrak (Spring 2014)

### **Masters Committees**

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, 2014)

### **Undergraduate Honors Thesis**

Can Çarkoğlu (Spring 2017): Thesis on development of aesthetic abilities  
Melis Çetinçelik (Spring 2016): Thesis on causal event understanding  
Deniz Çetin (Spring 2016): Thesis on time, space, and gesture  
Sevgi Bahtiyar (Spring 2015): Thesis on time and space interaction

### **Undergraduate Independent Studies**

Eylül Turan (Spring 2017, Fall 2017)  
Dilan Tulan (Fall 2017)  
Orhun Uluşahin (Fall 2016, Summer 2017)  
Merve Tansan (Spring 2017)  
Can Çarkoğlu (Spring 2016, Fall 2016)  
Kağan Porsuk (Fall 2016)  
İlkin Sarıçimen (Fall 2016)  
Hazal Kartalkanat (Spring 2016)  
Melis Çetinçelik (Fall 2015)  
Deniz Çetin (Spring 2015, Fall 2015)  
Sevgi Bahtiyar (Fall 2014)  
Aslıhan Bağcı (Fall 2014, Spring 2015)  
Ceylin Ertekin (Fall 2014, Spring 2015)

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

Sevgi Bahtiyar, Aslıhan 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 Güneyli, Dilara Avdagiç, Merve Tansan, Ege Ekin Özer, Erim Kızıldere, Derya Ilıca, Büşra İzgi, Zeynep Adıgüzel, Aslı Töre, Ece Şekerli, Aslı Yurtsever, Duru Arslan

### **Summer Research Assistants from Other Universities**

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*

### **Undergraduate Research Assistants**

Samuel Cason (Summer 2013)  
Katie Malykhina (Independent Study; January 2012 – August 2013)

#### *Temple University*

### **Undergraduate Research Assistants**

Stacey Austin (Honors Thesis; January 2009 – May 2010)  
Haruka Konishi (2008 - 2009)

## **REFERENCES**

### **Anjan Chatterjee, M.D.**

Department of Neurology  
University of Pennsylvania  
3 Gates 3400 Spruce Street  
Philadelphia, PA 19104  
anjan@mail.med.upenn.edu

### **Roberta M. Golinkoff, Ph.D.**

H. Rodney Sharp Professor  
Fellow School of Education  
University of Delaware  
Newark, DE 19716  
roberta@udel.edu

### **Kathy Hirsh-Pasek, Ph.D.**

Debra & Stanley Lefkowitz Faculty Fellow  
Department of Psychology  
Temple University  
Philadelphia, PA 19122  
khirshpa@temple.edu

### **Nora S. Newcombe, Ph.D.**

James H. Glackin Distinguished Faculty  
Department of Psychology  
Temple University  
Philadelphia, PA 19122  
newcombe@temple.edu