

CURRICULUM VITAE**Aysecan Boduroglu**aysecan.boduroglu@boun.edu.tr

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Employment

2017-- Professor, Bogazici University,
Department of Psychology, Bebek, Istanbul- TURKEY

2011-2017 Associate Professor, Bogazici University, Department of Psychology

2006-2011 Assistant Professor, Bogazici University, Department of Psychology

2005-2006 Post-doctoral fellow, Cognitive and Affective Neuropsychology Lab,
University of Michigan (Dr. Patricia Reuter-Lorenz)

Education

2005 Ph.D. in Psychology, University of Michigan, Cognition & Perception

2002 M.S. in Psychology, University of Michigan, Cognition & Perception

2000 B.A. in Psychology, Bogazici University, Department of Psychology

1995 Robert College (High School; Oldest American School outside the U.S)

Thesis:

Boduroglu, A. (2005). Nature of representations in spatial working memory. Ph.D.

Advisor: Dr. Priti Shah, committee: Drs. George Furnas, John Jonides, & David E. Meyer.

Boduroglu, A. (2002). Stereotypes of young and old adults: A comparison of East Asian and Western cultures. M.S. Advisor: Dr. Denise Park.

Additional Training

Summer 2004 Cognitive Neuroscience Summer School on Working Memory. Bled, Slovenia.

Summer 2002 Summer Institute in Cognitive Neuroscience. Dartmouth College.

Grants

RAPID: COVID-19 Information Visualizations: A RAPID Proposal. National Science Foundation. 2020-2021. Consultant (AB). PI: Priti Shah,

RAPID: Predicting the spread of the COVID-19 virus. National Science Foundation. 2020-2021. Collaborator (AB). PI: John Jonides.

Investigation of Psychosocial, Genetic and Physiological Mechanisms Underlying Risk-taking Behavior. ECON-PSYCH Multidisciplinary BAP project. PI: Burak Saltoğlu. Collaborator: AB.

Outlier Processing in Visual Memory. The Scientific and Technological Research Council of Turkey (1001), 2016—2021, PI.

Collective memory: memory representation of public events. Bogazici University, Science Research Fund, 2016-2017, PI.

The Development of Virtual Environment Based Occupational Health and Safety Simulation Tool (Sanal Ortam Tabanlı İşçi Sağlığı Ve İş Güvenliği Simülasyon Aracının Geliştirilmesi)- The Scientific and Technological Research Council of Turkey (3501), 2016—2019. PI: Semra Comu, 315M186. Consultant (AB).

The Generation of Ensemble Representations in Visual Information Processing. The Scientific and Technological Research Council of Turkey (1001), 2013-2016. PI., 113K217, 76.200,00 TL.

Memory Specificity across Cultures. National Science Foundation, 2012--2014 PI: Angela Gutches (Brandeis University); AB: Researcher.

Effect of Personal and Sociocultural factors in Autobiographical and Collective Memory Processes. The Scientific and Technological Research Council of Turkey (1001), 2012--2015. Researcher/Co-PI: AB, 111K396, 194.500 TL.

Investigation of the functional prefrontal cortex activation with fNIRS & EEG. The Scientific and Technological Research Council of Turkey (1001), 2012-2014. PI: Ata Akin, Consultant: AB, 112E034, 234.257 TL.

Neural correlates of cross-cultural adaptation. Department of Defense, United States, 2012-2015. PI: Jonathan Kopecky (Johns Hopkins University, Applied Physics Lab). Consultant: AB, 1.355K.

The Nature of Representations in Visuospatial Working Memory: Capacity and Resolution Relationship. National Young Researchers Career Development Programme (Career Programme, 3501). PI, 2010--2012.

Experience-based Changes in Visual and Spatial Resolution. Bogazici University, Science Research Fund, 2009-2010, PI.

Training Working Memory and Executive Control in ADHD Children. United States Department of Education, Institute for Educational Sciences, PI: Priti Shah, Consultant, 2009-2012.

Nature of Representations in Spatial Working Memory: The Trade-Off between Capacity Limitations and Resolution of Representations. Bogazici University, Science Research Fund, 2007. PI.

Sigma Xi Grants: Grant-In-Aid of Research, 2005.

Dissertation Grant, Psychology Department, University of Michigan. [*Nature of Representations in Spatial Working Memory*, PI]

Age-Related Stereotypes: A comparison of the American and the Chinese Culture. The Center on Aging and Cognition: Health, Education and Training, 2001. PI.

Awards

John A. Swets Memorial Award for Excellence in Collaborative Psychological Science Research (with John Jonides, Priti Shah, Rick Lewis, Han Zhang, Tyler Adkins, Madison Fansher, Poortata Lalwani, Madelyn Quirk, Madison Carlson), 2021.

The Science Academy, Young Scientists Awards Program (BAGEP), 2016-2018.

The Scientific and Academic Council of Turkey, TUBITAK Incentive Award (Tübitak Teşvik), 2015.

Bogazici University Foundation, Distinguished Young Researcher Award, 2010.

Turkish National Academy of Sciences (TUBA)-The Young Scientists Award Program (GEBİP), 2010-2013.

The 34th Carnegie Mellon Symposium on Cognition: Embodiment, Ego-space and Action. Travel Award, 2006

Rackham One Term Dissertation Fellowship, 2005

University of Rochester, Center for Visual Science Travel Award, 2004.

Barbara Perry Roberson Award, 2004.

Barbara Oleshansky Award, 2003.

American Psychological Association Travel Award, 2002

Rackham Travel Award 2002, 2003, 2004

Publications

Referred Journal Articles (Published & In press and Under Review)

Oral, E * & **Boduroglu, A.** (under revision). Early processing of scatterplots: The effect of content and outliers on trend-line estimation.

Atkins TJ, Fansher, M., Lalwani, P., **Boduroglu, A.**, Carlson, M., Quirk, M., Lewis, R., Shah, P., Zhang, H. & Jonides, J. (under review). Icon arrays reduce concern over COVID-19 vaccine side effects.

Hacıbektaşoğlu, D*., Tekcan, AI, Bilge, R. & **Boduroglu, A** (under review). The impact of group identity on the interaction between collective memory and collective future thinking negativity: evidence from a Turkish sample.

Schwartz, D.B., Gilliam, A., Godoy, R., **Boduroglu, A.**, & Gutchess, A. (under review). Does perception of state tightness-looseness predict behavior and attitudes during the COVID-19 pandemic in the USA?

Lalwani, P., M. Fansher, R. L. Lewis, **A. Boduroglu**, P. Shah, T. J. Adkins, M. Quirk, & J. Jonides. (under review). Misunderstanding “Flattening the Curve.

Fansher, M., Adkins, T., Lalwani, P., Quirk, M., **Boduroglu, A.**, Lewis, R., Shah, P. & Jonides, J. (under review). How well do ordinary Americans forecast the growth of COVID-19?

Mutlutürk, A*., Tekcan, AI & **Boduroglu, A.** (in press). The structure and organization of collective memory representations. *Memory Studies*.

Semizer, Y. & **Boduroglu, A.** (2021). Variability leads to overestimation of mean summaries. *Attention, Perception & Psychophysics. Special Issue on Ensemble Perception*. **83**, 1129–1140 (2021). <https://doi.org/10.3758/s13414-021-02269-2>

Avcı, B* & **Boduroglu, A.** (2021). Contributions of ensemble perception to outlier representation precision. *Attention, Perception & Psychophysics. Special Issue on Ensemble Perception*. **83**, 1141–1151 (2021). <https://doi.org/10.3758/s13414-021-02270-9>.

Gutchess, A., Ksander, J., Millar, P.R , Uzundag, B.A., Sekuler, R. & **Boduroglu, A.** (2021). Cultural differences in performance on Eriksen’s flanker task. *Attention, Perception & Psychophysics. Special Issue of Research Inspired by the Work of Charles W. Eriksen*. **83**, 882–898. <https://doi.org/10.3758/s13414-020-02117-9>

Boduroglu, A. & Yildirim, I*. (2020). Statistical summary representations of bound features. *Attention, Perception & Psychophysics, Anne Treisman Special Issue*, **82**, p.840–51. <https://doi.org/10.3758/s13414-019-01944-9>

Yoruk, H* & **Boduroglu, A.** (2020). Feature-specificity in visual statistical summary processing. *Attention, Perception & Psychophysics, Special Issue 82(2)*, 852–864, <https://doi.org/10.3758/s13414-019-01942-x>

Gutchess, A. & **Boduroglu, A.** (2019). Cultural differences in categorical memory errors persist with age. *Aging and Mental Health*. DOI: 10.1080/13607863.2017.1421616

Yildirim, İ* , Ogreten, O* & **Boduroglu, A.** (2018). Impact of spatial grouping on mean size estimation. *Attention, Perception & Psychophysics*, **80(7)**, 1847-1862.

- Boduroglu, A., & Shah, P.** (2017). Cultural differences in attentional breadth and resolution. *Culture & Brain*, 5, 169-181.
- Gutchess, A., Garner, L. Ligouri, L. Konuk, A.I., & **Boduroglu, A.** (2018). Culture impacts the magnitude of the emotion-induced memory trade-off effect. *Cognition & Emotion*, 32(6), 1339-1346.
- Mamus, E.*. & **Boduroglu, A.** (2018). The role of context on boundary extension. *Visual Cognition*.26(1), 115-130.
- Tekcan, A.I., **Boduroglu, A.**, Mutlutürk, A *. & Aktan-Erciyes, A*. (2017). Life-span retrieval of public events: reminiscence bump for high-impact events, recency for others. *Memory & Cognition*, 45(7), 1095-1112
- Schwartz, B. **Boduroglu, A.** & Tekcan, A.İ. (2016). Methodological concerns in the study of feeling-of-knowing resolution. *Metacognition & Learning*. doi 10.1007/s11409-015-9152-4.
- Boduroglu, A.**, Pehlivanoglu, D.*, Tekcan, A. & Kapucu, A. (2015). Effects of self-referencing on FOK accuracy and recollective experience. *Memory* 23:5, 736-747.
- Mutlutürk, A*. & **Boduroglu, A.** (2014). Effects of spatial configurations on the resolution of spatial working memory representations. *Attention, Perception & Psychophysics*, 76, 2276-2285.
- Boduroglu, A.**, Tekcan, A.I. & Kapucu, A. (2014). The relationship between executive functions, episodic feeling-of-knowing and confidence judgments. *Journal of Cognitive Psychology*, 26(3), 333-345.
- Boduroglu, A.** & Shah, P. (2014). Configural representations in spatial working memory. *Visual Cognition*, 1, 997-1007,
- Schwartz, A.J., **Boduroglu, A.**, & Gutchess, A. (2014). Cross-cultural differences in categorical memory errors. *Cognitive Science*,38(5), 1-11.
- Sungur, H*. & **Boduroglu, A.** (2012). Action video game playing benefits object resolution, *Acta Psychologica*, 139, 327-334.
- Boduroglu, A.** & Shah, P. (2009). Effects of spatial configuration on visual change detection: An account of bias changes. *Memory & Cognition*, 37, 1120-113.
- Bengi, B.*, Tekcan, A., Gurvit, H., & **Boduroglu, A.** (2009). Episodic memory and metamemory in PD patients. *Neuropsychology*,23(6), 736-745.
- Boduroglu, A.**, Shah, P. & Nisbett, R. (2009). Cultural differences in allocation of attention in visual information processing. *Journal of Cross-Cultural Psychology*, 40(3), 349-360.
- Boduroglu, A.**, Yoon, C., Luo T., & Park, C.D (2006). Stereotypes about young and old adults: A comparison of Chinese and American Cultures. *Gerontology*, 52 (5), 324-333.
- Boduroglu, A.** & Shah, P (2006). Configural representations in spatial working memory. In *Cognitive Processes*, 7,160-162. [Proceedings from the symposium on *Recent Trends in the Research on Visuospatial Working Memory, ICSC, 2006*].

¹* indicates student authors

Gutchess, A.H., Welsh, R.C., **Boduroglu, A.**, & Park, D.C. (2006). Cultural differences in neural function associated with object processing. *Cognitive, Affective and Behavioral Neuroscience*, 6(2), 102-109.

Book Chapters & Proceedings

Boduroglu, A. & Kapucu, A. (2018). Accuracy and bias in episodic memory. *Handbook of Research Methods in Human Memory Research*. Edited by Hajime, O. & Schwartz, B. Taylor & Francis.

Mutlutürk, A., **Boduroglu, A.** & Tekcan, A. (2018). Kişisel ve toplumsal bellek (Personal and collective memories.). *Hayatı Hatırlamak: Otobiyografik Belleğin Psikolojisi*. Koç Üniversitesi Yayınları.

Gutchess, A. & **Boduroglu, A.** (2016). Culture, cognition & aging. *Encyclopedia of Adulthood and Aging*, Edited by Susan Krauss Whitbourne Cognition section, Associate Editor: Lixia Yang.

Gutchess, A. & **Boduroglu, A.** (2015). Cognition in adulthood across Cultures. In Jensen, L. A. (Ed.), *The Oxford Handbook of Human Development and Culture: An Interdisciplinary Perspective*. New York, NY: Oxford University Press.

Gutchess, A. H., Schwartz, A. J., & **Boduroglu, A.** (2011). The influence of culture on memory. In D.D. Schmorow and C.M. Fidopiastis (Eds.): *Lecture Notes in Artificial Intelligence, Lectures Notes in Computer Science, 6780*, (pp. 67-76). Berlin Heidelberg: Springer-Verlag

Kubat, E., **Boduroglu, A.**, & Akin, A. (2008). Yaşlanmada beyin asimetrisinin fNIRS ile ölçümü.[Age-related changes in lateralization of function: An fNIRS study].13. Biyomedikal Muhendisliği Ulusal Toplantısı (BIYOMUT) Bildiriler Kitabı, 29-31 Mayıs 2008, ODTU, Ankara.

Unlu, E., Kubat, E., **Boduroglu, A.** & Akin, A. (2008) Prefrontal beyin bölgesindeki hemodinamik tepkinin ve asimetrisinin mental aritmetik testi uygulanarak işlevsel yakın-kızılaltı spektroskopi yardımıyla belirlenmesi. [An fNIRS investigation of mental arithmetic related response asymmetry in the prefrontal cortex]. 13. Biyomedikal Muhendisliği Ulusal Toplantısı. (BIYOMUT) Bildiriler Kitabı, 29-31 Mayıs 2008, ODTU, Ankara.

Boduroglu, A., Minear, M. & Shah, P. (2007). Applied working memory. In F. Durso (Ed.), *Handbook of Applied Cognition: Wiley*.

Working Papers (In Preparation)

Sözer, E.E., **Boduroglu, A.** & Tekcan, A.I. (in preparation). The rise and fall of events in Turkish Collective Memory.

Hacıbektasoglu, D*. & **Boduroglu, A.** (draft available). How perceived group status affects negativity bias in collective future thinking.

Şen, U*. & **Boduroglu, A.** (draft available). Spatial representations in temporal context: Can configural properties facilitate item precision?

Boduroglu, A., Mamus, E. & Gutchess (draft available). Cultural differences in object and background processing in early scene perception. Draft available.

Konuk, I. , Gutchess, A. & **Boduroglu, A.** (draft available) The impact of information relatedness on social contagion of memory.

Yildirim, İ* & **Boduroglu, A.** (in preparation). Outlier and ensemble representations in visual displays.

Boduroglu, A. Ng, A., Mueller, S. & Shah, P. (draft available) Representation resolution is correlated with visual and spatial working memory capacity.

Boduroglu, A., Gmeindl, L., & Reuter-Lorenz, P. (draft available) Flexible configural processing is preserved in old age.

Boduroglu, A. & Shah, (draft available). Effects of spatial sequence complexity on spatial recall.

Conference Presentations & Invited Talks (since 2005)

Avcı, B. Oral.E. & **Boduroglu, A.** (November, 2020). Outliers in scatterplots lead to greater endorsement of causality. Poster presentation at the 61st Annual Meeting of the Psychonomics Society. (virtual)

Hacıbektaşoğlu, D. & **Boduroglu, A.** (November, 2020). How perceived dominance of groups affect negativity bias in collective future thinking? Poster presentation at the 61st Annual Meeting of the Psychonomics Society. (virtual)

Gilliam, A., Schwartz, D., Godoy, R., **Boduroglu, A.** & Gutchess, A. (November, 2020). Tightness-looseness influences attitudes and behaviors during COVID-19. Poster presentation at the 2nd Culture & Cognition Pre-conference at the Annual Meeting of the Psychonomics Society. (virtual).

Zhao, W., Gutchess, A. & **Boduroglu, A.** (November, 2020). Culture mediates the effect of consistency on boundary extension. Poster presentation at the 2nd Culture & Cognition Pre-conference at the Annual Meeting of the Psychonomics Society. (virtual).

Boduroglu, A., Bilge, R., Hacıbektaşoğlu, AI, & Tekcan, AI. (November, 2019). Simulations of a collective future in relation to collective memory. Poster presentation at the 60th Annual Meeting of the Psychonomics Society, Montreal, CN.

Avcı, B. & **Boduroglu, A.** (November, 2019). The precision of outlier representations. Poster presentation at the 60th Annual Meeting of the Psychonomics Society, Montreal, CN.

Boduroglu, A. (November, 2019). Cultural differences in object & background processing in early scene perception. Oral presentation at the Inaugural Culture & Cognition Pre-conference at the Annual Meeting of the Psychonomics Society, Montreal, CN.

Boduroglu, A. (Ekim 2019). Bireysel ve toplumsal bağlamda geleceğe yönelik düşünme süreçleri. Sözlü Bildiri. V. Deneysel Bilişsel Psikoloji Sempozyumu, Kadir Has Üniversitesi, İstanbul.

Oral, E. & **Boduroglu, A.** (Ekim 2019). Dağılım grafiklerini özetleme: Uç değere sahip noktaların en iyi uyum doğrusu üzerindeki etkisi. Poster bildiri. V. Deneysel Bilişsel Psikoloji Sempozyumu, Kadir Has Üniversitesi, İstanbul.

Avcı, B. & **Boduroglu, A.** (Ekim 2019). Uç değer taşıyan nesnelerin ayrıklığının görsel çözünürlüğe etkisi. Poster bildiri. V. Deneysel Bilişsel Psikoloji Sempozyumu, Kadir Has Üniversitesi, İstanbul.

Mutlutürk, A. **Boduroglu, A.** & Tekcan, AI. (June, 2019). Stability and change in the organization of collective memory. SARMAC, Cape Cod, MA.

Hacıbektaşoğlu, D*. & Sorgun, I.* & **Boduroglu, A.** (July 2019). Factors contributing to the perceived probability of personal and collective future events. SARMAC, Cape Cod, MA.

- Sorgun, I. & **Boduroglu, A.** (Kasım 2018). Hafızada sosyal buluşmanın güçlü ve zayıf ilişkili kelimeler üzerindeki etkisi . 20. Ulusal Psikoloji Kongresi, Ankara.
- Oral, E*. & **Boduroglu, A.** (November, 2018) Summarizing scatterplots: Impact of outliers on trend-line estimates II. Annual meeting on Object, Perception, Attention Memory, OPAM, New Orleans, USA (OPAM)
- Yoruk, H*. & **Boduroglu, A.** (November, 2018) Feature-specificity in Visual Statistical Summary Processing. Annual meeting of the Psychonomics Society, New Orleans, USA
- Sen, U*. & **Boduroglu, A.** (November, 2018). Individual Differences in Learning of Configural Prototypes. Annual meeting of the Psychonomics Society, New Orleans, USA
- Hacibektasoglu, D*. & **Boduroglu, A.** (November, 2018). Probability of Simulated Episodic Events: Impact of Scripts. Annual meeting of the Psychonomics Society, New Orleans, USA
- Kaya-Kızılöz, K. , Tekcan, AI. & **Boduroglu, A.** (June, 2018). The interrelationships between autobiographical memory specificity, executive functions and rumination in depression. Poster presentation at the CONAMORE meeting on Autobiographical Memory and the Self, Aarhus, DN.
- Tekcan, AI., **Boduroglu, A.**, Mert, N. & Ekinci, Ö. (June, 2018). Most important, happiest, and saddest autobiographical memories across the lifespan. Poster presentation at the CONAMORE meeting on Autobiographical Memory and the Self, Aarhus, DN.
- Boduroglu, A.** (Eylül, 2017). Özet temsillerin dağılım grafiklerin işlenmesine etkisi. IV. Deneysel ve Bilişsel Psikoloji Sempozyumu. Sözel Bildiri, İzmir, Türkiye.
- Sen, U. & **Boduroglu, A.** (November, 2017). The impact of implicitly learned configural prototypes on item precision. Poster presentation at the 25th OPAM (Object, Perception, Attention & Memory), Vancouver, CN.
- Boduroglu, A.**, Oral, E., Akca, Z., Celenlioglu, S., Cetin, A., & Hacibektasoglu, D. (November, 2017). Summarizing scatterplots: Impact of outliers on trend-line estimates. Poster presentation at the 25th OPAM (Object, Perception, Attention & Memory), Vancouver, CN.
- Boduroglu, A.**, Tekcan, A., Bilge, R., Topcu, M., İkizoglu, A. & Sozer, E. (November, 2017). Impact of socio-political identity on memory for public events. Poster presentation at the Annual meeting of the Psychonomics Society, Vancouver, CN.
- Meral, E. , Yildirim, İ. & **Boduroglu, A.** (November, 2016). Are Individual and Mean Identity Representations Immune to Changes in Emotional Expressions? Poster presentation at the annual OPAM (Object Perception Attention Memory 2016), Boston, MA.
- Mutlutürk, A., **Boduroglu, A.** & Tekcan, A.İ. (November, 2016). Semantic Structure of Collective Representations. Poster presentation at the annual meeting of the Psychonomics Society, Boston, MA.
- Mamus, AE, & **Boduroglu, A.** (November, 2016). The role of context in boundary extension. The role of context in boundary extension. Poster presentation at the annual meeting of the Psychonomics Society, Boston, MA.
- Kaya Kızılöz, Tekcan, AI. & **Boduroglu, A.** (November, 2016). An examination of cue word effects in overgeneral memory. Poster presentation at the annual meeting of the Psychonomics Society, Boston, MA.

Karadöller, D.Z., **Boduroglu, A.** & Schwartz, B. (July, 2016). The effect of timing and stimulus qualities on feeling-of-knowing judgments. Poster presentation at the International Conference on Memory, Budapest, Hungary.

Tekcan, A.I. & **Boduroglu, A.** (June, 2016). Characteristics of most important, happiest, saddest and earliest autobiographical memories. Poster presentation at the Travelling in time: the construction of past and future events across domains, Center on Autobiographical Memory Research, Aarhus, Denmark.

Gutchess, A. & **Boduroglu, A.** (April, 2016). Cross-cultural differences in memory with age. Poster presentation at the Cognitive Aging Conference, Atlanta, GE.

Yildirim, A. & **Boduroglu, A.** (November, 2015). Binding features in spatial statistical summary representations. Poster presentation at the Annual Meeting of Object, Perception and Attention (OPAM), Chicago, IL.

Mamus, A.E., **Boduroglu, A.** & Gutchess, A. (November, 2015). Cross-cultural differences in conceptual scene processing. Poster presentation at the Annual Meeting of the Psychonomics Society, Chicago, IL.

Tekcan, A.İ., **Boduroglu, A.** & Mutlutürk, A. (November 2015). Remembering important and emotional public events across the life span. Poster presentation at the Annual Meeting of the Psychonomics Society, Chicago, IL.

Yildirim, İ. & Boduroglu, A. (November, 2015). Outlier processing in visual short-term memory. Poster presentation at the Annual Meeting of the Psychonomics Society, Chicago, IL.

Paige, L., **Boduroglu, A.**, Rajaram, S. & Boduroglu, A. (November, 2015). The influence of social contagion on taxonomic and functional memory errors. Poster presentation at the Annual Meeting of the Psychonomics Society, Chicago, IL.

Boduroglu, A. (September, 2015). How are visual ensemble representations formed? (Görsel bilginin özet temsillerinin oluşma süreçleri). Oral presentation at the 3rd National Experimental Cognitive Psychology Meeting, Ankara, Turkey.

Mamus, E.A., Yallak, E. & **Boduroglu, A.** (March, 2015). Conceptual consistency and metacognitive awareness in rapid scene perception. Poster presentation at the International Convention of Psychological Science, Amsterdam, NL.

Schwartz, B. **Boduroglu, A.** & Tekcan, A.İ. (November, 2014). Methodological concerns in the study of feeling-of-knowing resolution. Talk presentation at the Annual Meeting of the Psychonomics Society, Long Beach, CA.

Uner, O., Mutlutürk, A. & **Boduroglu, A.** (November, 2014). The impact of videogame playing on the extraction of ensemble representations in visual displays. Poster presentation at the Annual Meeting of the Psychonomics Society, Long Beach, CA.

Yıldırım, I., Ogreden, O. & **Boduroglu, A.** (November, 2014). Impact of spatial grouping on mean size estimation. Poster presentation at the Annual Workshop of Object Perception, Attention and Memory, Long Beach, CA.

Boduroglu, A. (November, 2014). Automatic extraction of center-of-mass information from spatial configurations. Talk presented at the annual meeting of the Configural Processing Consortium, Long Beach, CA,

Boduroglu, A. & Mutlutürk, A. (September, 2014). Representing spatial configurations as statistical summaries in working memory. Poster presentation at the 7th European Working Memory Symposium, Edinburgh, UK.

Barsbey, M., Sarıbay, S. A., **Boduroglu, A.**, & Zwaan, R. A. (August, 2014). Perceptual simulations beyond the sentence: the effect of narrative shifts on perceptual simulations. Poster to be presented at the annual conference on Embodied and Situated Language Processing, Rotterdam, NL.

Gutchess, A., Ligouri, L., & **Boduroglu, A.** (2014, June). The impact of culture on the emotion-induced memory trade-off effect. Talk presented at the annual meeting of the International Society for Behavioral Neuroscience, Amsterdam, Netherlands.

Tekcan, A.İ., **Boduroglu, A.**, Mutlutürk, A., Aktan-Erciyes, A., & Ozbek, A. (Nisan, 2014). Anı tümseği açıklamalarının otobiyografik ve toplumsal olayların hatırlanması bağlamında karşılaştırılması. 18. Ulusal Psikoloji Kongresinde sözel bildiri, Bursa, TR.

Mutlutürk, A. & **Boduroglu, A.** (Nisan, 2014). Mekansal çalışma belleğinde özet temsiller. 18. Ulusal Psikoloji Kongresinde sözel bildiri, Bursa, TR.

Ligouri, L.E., **Boduroglu, A.**, & Gutchess, A. (April, 2014). Cultural differences in the emotion-induced memory trade-off effect. Poster presentation at the Annual Meeting of the Cognitive Neuroscience Society, Boston, MA.

Tekcan, AI., **Boduroglu, A.**, Mutluturk, A. & Altan Erciyes, A. (November, 2013). Reminiscence bump for most important, happiest, and saddest personal and public Memories. Poster presentat.on at the Annual Meeting of the Psychonomics Society, Toronto, CN.

Semizer, Y. & **Boduroglu, A.** (November, 2013). Representation of variance and its impact on mean size estimation in visual short-term memory. Poster presentation at the Annual Meeting of the Psychonomics Society, Toronto, CN.

Mutluturk, A. & **Boduroglu, A.** (November, 2013). Ensemble representations in spatial working memory. Poster presentation at the Annual Workshop of Object Perception, Attention and Memory, Toronto, CN.

Millar, P., Arslan, B., Gutchess, A., **Boduroglu, A.** & Sekuler, R. (November, 2013). Cultural differences in flanker task interference. Poster presentation at the Annual Meeting of the Psychonomics Society, Toronto, CN.

Boduroglu, A. (Eylül, 2013). Görsel ve mekansal çalışma belleğinde özet temsiller. 1. Ulusal Bilişsel Psikoloji Toplantısı, İstanbul (Sözlü bildiri).

Boduroglu, A. (July, 2013). Nature of spatial working memory representations. Ludwig Maximillian Universitat Colloquim Series, Munich, German.

Arslan, A. & **Boduroglu, A.** (June, 2013). Effects of cultural self-construal priming on event segmentation of autobiographical memories. Poster presentation at the Social Perspectives on Autobiographical Memory & Imagination, Center on Autobiographical Memory Research, Aarhus, Denmark.

Boduroglu, A. (April, 2014). Nature of spatial working memory representations, Brown University Colloquim series.

Boduroglu, A. (February, 2013). Cultural Influences on Attention and Memory. ODTU Colloquium series.

Semizer, Y. & **Boduroglu, A.** (November, 2012). High variance in visual displays leads to overestimation in mean size estimation. Poster presentation at the Annual Meeting of the Psychonomics Society, Minneapolis, MN, USA.

Mutlutürk, A. & **Boduroglu, A.** (November, 2012). Effects of spatial configurations on the resolution of spatial representations. Poster presentation at the Annual Workshop of Object, Perception, Attention and Memory, Minneapolis, MN, USA.

Mutlutürk, A. & **Boduroglu, A.** (Nisan, 2012). Bütünsel temsillerin yer temsillerinin çözünürlüğü üzerindeki etkisi. Poster sunumu, 17. Ulusal Psikoloji Kongresi, İstanbul, TR.

Semizer, Y. & **Boduroglu, A.** (Nisan, 2012). Orucun bilişsel performans üzerindeki etkisi. Poster sunumu, 17. Ulusal Psikoloji Kongresi, İstanbul, TR.

Mutlutürk, A. & **Boduroglu, A.** (October, 2011). Effect of spatial configuration on spatial resolution of representations. Poster presentation at the Rovereto Attention Workshop: Attention & Objects, Rovereto, IT.

Günseli, E. & **Boduroglu, A.** (October, 2011). The role of attention on maintaining features and bindings. Poster presentation at the Rovereto Attention Workshop: Attention & Objects, Rovereto, IT.

Boduroglu, A. & Tekcan, AI. (August 2011). The role of interference resolution on episodic memory and feeling-of-knowing judgments. Poster presentation at the 5th International Conference on Memory, York, UK.

Odaman, H., **Boduroglu, A.** & Tekcan AI. (August, 2011). Effects of self-construal priming on attentional and autobiographical memory processes. Poster presentation at the 5th International Conference on Memory, York, UK.

Boduroglu, A. (June, 2011). Cultural Influences on Cognition: Cultural Differences in Attentional Allocation. Invited Symposium at the International Association for Cross-Cultural Psychology, Istanbul, TR.

Schwartz, A., **Boduroglu, A.** & Gutchess, A. (May, 2011). Memory Errors in Turkish and American Cultures. Poster presentation at the Association of Psychological Science 23rd Annual Convention, Washington, D.C.

Sungur, H. & **Boduroglu, A.** (November, 2010). Action video game related improvements in object representations. Poster presentation at the Annual Meeting of the Psychonomics Society, St. Louis, MI.

Boduroglu, A., Shah, P. & Ng, A. (November, 2010). Individual Differences Capacity and Resolution of Representations in Visual and Spatial Short-term Memory. Poster presentation at the Annual Meeting of the Psychonomics Society, St. Louis, MI.

Bilge, M.T., Mungan, E., **Boduroglu, A.** & Tekman, G. H. (November, 2010). Effect of tune repetition on the preference for nontonal music. Poster presentation at the Annual Meeting of the Psychonomics Society, St. Louis, MI.

Günseli, E. & **Boduroglu, A.** (November, 2010). Maintaining Feature Bindings Demand Attention. Poster presentation at the Annual Workshop of Object Perception, Attention and Memory. St. Louis, MI.

Boduroglu, A. Shah, P. & Ng, A. (September, 2010). Individual differences in the capacity and the resolution of representations in visual and spatial short-term memory. Poster presentation at the European Workshop on Working Memory (EWOMS V), Civita Castellana, IT.

Günseli, E., & **Boduroglu, A.** (April, 2010). Görsel çalışma belleği temsillerinde dikkatin rolü (The role of attention on visual working memory representations). Poster presentation at the 16th National Psychology Congress, Mersin, TR.

Sungur, H., & **Boduroglu, A.** (April, 2010). Aksiyon Türünde Bilgisayar Oyunları Oynamanın Görsel Dikkat Üzerindeki Etkisi. (The effects of action video game playing on visual attention). Poster presentation at the 16th National Psychology Congress, Mersin, TR.

Akan, M., & **Boduroglu, A.** (April, 2010). Görsel Bilgiyi Bütünsel İşlemenin Çalışma Belleği Kapasitesine Etkisi (Effects of holistic processing on visual working memory capacity). Poster presentation at the 16th National Psychology Congress, Mersin, TR.

Boduroglu, A., Shah,P., Gonzalez, R., Bilge, T. & Ozdes, C. (November, 2009). The resolution of representations in spatial working memory. Poster presentation at the Annual Meeting of the Psychonomics Society, Boston, MA.

Boduroglu, A., (June, 2009). Görsel ve uzamsal çalışma belleğinde bilginin temsili. (Representations in visual and spatial working memory). III. Psikoloji Lisansüstü Öğrencileri Kongresi, Koc Üniversitesi, Istanbul.

Baran, B., Tekcan, IA., Gurvit, H., & **Boduroglu, A.** (November, 2008). Episodic Memory and Metamemory for Nouns and Verbs in Parkinson's Disease. Poster presentation at the Annual Meeting of the Psychonomics Society, Chicago, IL.

Boduroglu, A., Lan, X. & Shah, P. (November, 2008) Cultural Differences in Functional Field of View. Poster presentation at the Annual Meeting of the Psychonomics Society, Chicago,IL.

Lan, X., Shah, P., **Boduroglu, A.**, Zhang, X. (2008). East-West Differences in Inhibition. Poster presentation at the Annual Meeting of the Psychonomics Society, Chicago, IL.

Tas, C. & **Boduroglu, A.** (November, 2008). Individual differences in eye movement patterns during encoding and retrieval of own and other race faces. Poster presentation at the Annual Workshop of Object Perception, Attention and Memory. Chicago, IL.

Boduroglu, A., Gmeindl, L., Zahodne, L., & Reuter-Lorenz, P. (November, 2006) Inference in spatial working memory. Poster presentation at the Annual Meeting of the Psychonomics Society, Houston, TX.

Boduroglu, A., Shah, P., & Nisbett, D. (November, 2006). Cultural differences in attentional allocation in visual information processing. Poster presentation at the Annual Meeting of the Psychonomics Society, Houston, TX.

Burrage, M., Shah, P, & **Boduroglu, A.** (May, 2006). Inhibition training produces transfer in college students with attention deficit hyperactive disorder. Poster presentation at the Annual Meeting of the Psychological Science Society, New York. NY.

Boduroglu, A & Shah, P. (November, 2005) Effects of complexity on the recall of spatial configurations. Poster presentation at the Annual Meeting of the Psychonomics Society, Toronto, ON.

Boduroglu, A & Shah, P. (November, 2005). The effects of spatial configuration on visual change detection. Poster presentation at the Annual Workshop of Object Perception, Attention and Memory. Toronto, ON.

Boduroglu, A. (October, 2005). Visual information processing: Cultural influences and beyond. Invited talks at Bilkent, Koc, METU & Bogazici Universities.

Boduroglu, A., Shah, P. & Nisbett, R. (May, 2005). Cultural differences in visuospatial working memory and attention. Talk presented at the Annual Midwestern Conference for Culture, Language, and Cognition, Northwestern University, Evanston, IL.

Teaching Experience

Introduction to Cognitive Psychology.

Sensation & Perception: Vision.

Experimental Psychology

Introduction to Psychology /Fundamentals of Psychology

Mind and Behavior

Culture and Behavior

Introduction to Cognitive Science (graduate)

Advanced Cognitive Psychology (graduate)

Graduate Seminars on Visual Working Memory, Models of Working Memory, Metacognition and Executive Functions, Mental Time Travel and Future Thinking (graduate)

Readings & Research courses in Attention & Memory, Graph Processing and Reasoning, Culture & Cognition, Everyday Cognition: Scientific Reasoning & Risk Processing, Metamemory (undergraduate)

Professional Societies

Psychonomics Society, Full Member.

European Society of Cognitive Psychology (ESCOP), Full Member.

Configural Processing Consortium, Member.

Society of Applied Research in Memory and Cognition.

Professional Service:

National Conference of Psychology, Bursa (2013) (Scientific Committee)

National Conference of Psychology, Istanbul (2012) (Organizing Committee)

The 2nd National Meeting of Experimental Cognitive Psychologists, Istanbul (2013) (Organizing Committee)

European Conference of Psychology, 2011 (Scientific Committee)

Bogazici University, Lifelong Learning Center: Psychology of Aging (2016) (Module Coordinator), 2017-2018

Cognitive Science Conference (Reviewer, 2019, 2020)

Psychonomics Society, Program Committee (2021)

Psychonomics Society, Fellows Committee (2021)

Bogazici University Service:

Bogazici University, Faculty of Arts and Sciences Board, Professor Representative (2020--)

Bogazici University, International Faculty Review Committee (2020--)

Bogazici University, Department of Psychology, Chair. (June 2017-June 2018)

Bogazici University, Institutional Review Board for Social Sciences (Sept 2017 --)

Bogazici University, Quality Assessment & Improvement Committee, 2016-2019.

Bogazici University, Academic Incentives Committee, 2016.

Bogazici University, Academic Advising Committee, 2014—2015.
Bogazici University Research Policies Commission, 2013—2016
Psychology Department Psychological Sciences Ph.D. Program Coordinator, 2012--
Bogazici University Research Policies Advisory Council, 2010--
Psychology Department Undergraduate Academic Advisor, 2006--
Psychology Department Ethics Review Committee (IRB), 2009--2011.
Faculty Search Committee (Psychology), 2009--2013.
Fellowship Committee, 2009.

Associate Editor

New Issues in Psychology (January 2018-2019)

Ad Hoc reviewer:

Acta Psychologica, Attention, Perception & Psychophysics, Cognition, Cognitive Affective, Behavioral Neuroscience, Cognitive Research: Principles and Implications. International Journal of Psychology, Journal of Cross Cultural Psychology, Journal of Cross Cultural Gerontology, Journal of Experimental Psychology: General, Journal of Experimental Psychology: Learning, Journal of Vision, Memory and Cognition, Memory, Memory & Cognition, Quarterly Journal of Experimental Psychology, Psychological Science, Visual Cognition, Vision Research, Türk Psikoloji Dergisi, Türk Psikoloji Yazıları

Reviewer for

TUBITAK (The Scientific and Technological Research Council of Turkey)

*The Science Academy of Turkey, Social Sciences and Humanities Research Council of Canada
Fulbright*