**CURRICULUM VITAE**

**Elena S. Gorbunova**

**Personal information**

Name: Elena S. Gorbunova

Date of birth: 20.05.1989

Place of birth: Troitsk, Moscow region, Russia

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**Education**

2015 – Ph.D., Specialization: 19.00.01 – General Psychology, Psychology of Personality, History of Psychology. Thesis title: “Mechanisms of object-based and location-based attention in lexical information processing”, supervisor: Maria V. Falikman.

2011 – 2014 – Ph.D. student at Department of Psychology of Lomonosov Moscow State University, Moscow, Russia.

2006 – 2011 – student at Department of Psychology of Lomonosov Moscow State University, Moscow, Russia. Specialization: General Psychology, Teaching of Psychology. Diploma with honors. Thesis title: “Word superiority effect in letter recognition under full attention and inattention”, supervisor: Maria V. Falikman.

**Work experience**

Since September 2017 – Associate Professor at Department of General and Experimental Psychology, School of Psychology, Faculty of Social Sciences, National Research University Higher School of Economics, Moscow, Russia.

April 2015 – September 2017 – Lecturer at Department of General and Experimental Psychology, School of Psychology, Faculty of Social Sciences, National Research University Higher School of Economics, Moscow, Russia.

November 2014 – April 2015 – Research fellow in Cognitive Research Lab at Russian Presidential Academy of National Economy and Public Administration, Moscow, Russia.

**Foreign languages**

English (advanced), German (basics)

**Research skills**

SPSS (advanced), PsychoPy (advanced), Matlab: Psychtoolbox, SPM (MarsBaR, Anatomy, ROI, LI) (basics), R (basics), BrainStim (basics)

**Academic honors and fellowships**

2018 – Young Faculty Support Program (Group of Young Academic Professionals) at National Research University Higher School of Economics, category “Future Professoriate”.

2017, 2016, 2015 – Best Teacher Award at National Research University Higher School of Economics (based on students votes).

2016, 2017 – Young Faculty Support Program (Group of Young Academic Professionals) at National Research University Higher School of Economics, category “New Lecturers”.

2017 – Travel grant from National Research University Higher School of Economics for participation in Rovereto Workshop on Concepts, Actions and Objects (Rovereto, Italy).

2016 – Travel grant from National Research University Higher School of Economics for participation in Vision Sciences Society Sixteenth Annual Meeting (St. Pete’s Beach, Florida, USA).

2015 – Travel grant from National Research University Higher School of Economics for participation in conference “The Problem of Cognitive Control and Regulation in Cognitive Sciences” (Yaroslavl, Russia).

2014 – Travel grant from organizing committee for participation in The Sixth International Conference on Cognitive Science (Kaliningrad, Russia).

2012 – Travel grant from the Russian Fund for Basic Researches for participation in the ECVP 2012 conference (Alghero, Italy).

2011 – Prize for “The best experimental research” at the faculty competition for the best diploma thesis.

2011 – 1st Prize at the International Conference of Students and Postgraduates in Fundamental Sciences “Lomonosov-2011” for the report “Word superiority effect under inattention”

2010 – Ushinsky Scholarship for academic and scientific excellence.

2010, 2009 – Moscow Mayor Scholarship.

2009 – 1st Prize at the 3rd International Conference of young researchers “Psychology as a science of future” for the oral presentation “Top-down influences upon visual information processing under the rapid serial visual presentation conditions: an attentional blink study”.

2009 – 1st Prize at the Russian School of young researchers “Modern psychology: methodology, paradigms, theories” for the best research project.

**Research grants**

2017 – Grant from National Research University Higher School of Economics, grant № 117-02-0002 “The role of object working memory in visual search for multiple targets”. Role: supervisor.

2016 – Grant from Russian Science Foundation, grant № 14-18-03737 “The development of executive functions in human ontogenesis”. Role: researcher.

2009 – 2010 – grant from the Russian Fund for Basic Researches, grant № 08-06-00171-a “Bottom-up and top-down influences upon visual information processing”. Role: researcher.

**Teaching**

**In English:**

2017/2018, 2016/2017, 2015/2016 – Introduction to Cognitive Science, Master’s programme: “Cognitive Sciences and Technologies: From Neuron to Cognition” at National Research University Higher School of Economics, 1 year (lectures, seminars)

2017/2018, 2016/2017, 2015/2016 – Cognitive Psychology (memory and thinking), Bachelor’s programme: “Psychology” at National Research University Higher School of Economics, 2 year (seminars)

2015/2016, 2014/2015 – Cognitive Psychology (sensation, perception and attention), Bachelor’s programme: “Psychology” at National Research University Higher School of Economics, 1 year (seminars)

2015/2016 – Experimental Psychology, Bachelor’s programme: “Psychology” at National Research University Higher School of Economics, 2 year (seminars)

2015/2016 – General Psychology (memory and attention), Bachelor’s programme: “Psychology” at National Research University Higher School of Economics, 3 year (seminars)

**In Russian:**

2017/2018, 2016/2017 – Experimental Psychology, Bachelor’s programme: “Psychology” at National Research University Higher School of Economics, 2 year (lectures, seminars)

2017/2018 – Ergonomics and Usability, Bachelor’s programme: “Psychology” at National Research University Higher School of Economics, 4 year (lectures, seminars)

2016/2017 – Psychology of Sensation, Perception and Attention, Bachelor’s programme: “Psychology” at National Research University Higher School of Economics, 3 year (seminars)

2015/2016 – Research Seminar, Bachelor’s programme: “Psychology” at National Research University Higher School of Economics, 1-2 year (seminars)

2014/2015 – Psychology, Bachelor’s programme: “History” at National Research University Higher School of Economics, 1 year (seminars)

2014/2015 – Psychology, Bachelor’s programme: “Liberal Arts” at Russian Presidential Academy of National Economy and Public Administration, 1 year (lectures, seminars)

2014/2015 – Academic reading, Bachelor’s programme: “Liberal Arts” at Russian Presidential Academy of National Economy and Public Administration, 1 year (seminars)

2012/2013 – Theoretical and methodological problems of cognitive science, Master’s programme: “Cognitive Psychology” at the Russian State University for the Humanities (lectures, seminars and lab classes)

**Student Term / Thesis Papers**

A. Konyukhova «The Role of Relative Targets Locations in Visual Search (as Study on Subsequent Search Misses)». Bachelor’s Thesis, School of Psychology, 2017

K. Kozlov «Role of Object Working Memory in Subsequent Search Misses». Bachelor’s Thesis, School of Psychology, 2017

S. Popova «The Role of Working Memory in "Inattentional Blindness"». Bachelor’s Thesis, School of Psychology, 2017

**Conference presentations**

**International:**

Rovereto Workshop on Concepts, Actions and Objects, Rovereto, Italy, May 2017. Poster presentation.

Vision Sciences Society Annual Meeting, St. Pete’s Beach, Florida, USA, May 2016. Poster presentation.

Rovereto Attention Workshop, Rovereto, Italy, October 2013. Poster presentation.

41th European Conference on Visual Perception, Alghero, Italy, September 2012. Poster presentation.

40th European Conference on Visual Perception, Toulouse, France, August 2011. Oral presentation.

Vision Sciences Society Annual Meeting, Naples, Florida, USA, May 2010. Poster presentation.

**In Russia:**

Conference “Affordance: expectation, possibility, limitation?”, Yaroslavl, Russia, December 2017. Oral presentation.

Annual Summer School of young researchers dedicated to K. Duncker’s memory, Moscow Region, Russia, September 2017. Invited speaker.

Data Analysis Workshop of the Russian Reporter's Summer School, Dubna, Russia, August 2017. Invited speaker.

Annual Summer School of young researchers dedicated to K. Duncker’s memory, Moscow Region, Russia, September 2016. Invited speaker.

Conference “Mechanisms for constructing and restructuring of representation”, Yaroslavl, Russia, December 2016. Oral presentation.

Conference “The Problem of Cognitive Control and Regulation in cognitive Sciences”, Yaroslavl, Russia, December 2015. Oral presentation.

Workshop “Grand Illusion of Consciousness – 4”, Moscow, Russia, October 2015. Invited speaker.

Annual Summer School of young researchers dedicated to K. Duncker’s memory, Moscow Region, Russia, September 2015. Oral presentation.

The Sixth International Conference on Cognitive Science, Kaliningrad, Russia, June 2014. Poster presentation.

Conference “Experimental method in the structure of psychological knowledge”, Moscow, Russia, November 2012. Oral presentation.

Workshop “Grand Illusion of Consciousness – 2”, Saint-Petersburg, Russia, September 2012. Invited speaker.

Conference “Cognitive Science in Moscow: New Studies”, Moscow, Russia, June 2011. Poster presentation.

XVIII International Conference of Students and Postgraduates “Lomonosov-2011”, Moscow, Russia, April 2011. Oral presentation.

XX International Winter School in Psychology for young researchers, Saint Petersburg, Russia, February 2010. Oral presentation

II Conference of young researchers dedicated to K. Duncker’s memory, Moscow Region, Russia, September 2010. Oral presentation.

International Conference of young researchers “Psychology as a science of future”. Moscow, Russia, November 2009. Oral presentation.

**Other accomplishments**

July 2017 – a member of Reviewing Committee for the Annual Summer School of young researchers dedicated to K. Duncker’s memory

June 2011, June 2015 – a member of the Organization Committee for the conference “Cognitive Science in Moscow: New Studies”

**Publications**

**In English:**

Gorbunova E.S. Perceptual similarity in visual search for multiple targets / Acta Psychologica. 2017. Vol. 173. P. 46-54.

Gorbunova E. S., Kozlov K.S., Le S. T.-T., Makarov I.M. Object and Spatial Working Memory in Visual Search for Multiple Targets / Working paper, NRU Higher School of Economics. Series PSY “Psychology”. 2017.

Gorbunova E. S., Falikman M. Visual search for letters in the right vs. left visual hemiﬁelds: the role of perceptual load and set / Working paper, NRU Higher School of Economics. Series PSY “Psychology”. 2017.

Gorbunova E. S., Konyukhova A. E. The role of intertarget distance in visual search for multiple targets / Working paper, NRU Higher School of Economics. Series PSY “Psychology”. 2016.

Gorbunova E. S. The role of perceptual similarity in visual search for multiple targets // Journal of Vision. 2016. Vol. 16. No. 12. P. 39-39.

Gorbunova E. S., Falikman M. V. Visual search for letters within words and nonwords in the right and left visual hemifields // Perception. 2012. No. 41. P. 143-143.

Gorbunova E. S., Falikman M. V. Is word superiority effect the same for attended and inattended words? // Perception. 2011. No. 40. P. 12-12.

Gorbunova E. S., Falikman M. V. Word superiority within the attentional blink // Journal of Vision. 2010. No. 10. P. 203-203.

**In Russian (only full-length articles are listed):**

Горбунова Е. С. Пространственная рабочая память при решении задачи зрительного поиска множественных стимулов // Экспериментальная психология. 2017. Т. 10. № 1. С. 38-52. [*Spatial working memory in visual search for multiple targets*] – Russian journal, included in Web of Science and RSCI data bases

Горбунова Е. С., Волченкова Е. А. Роль рабочей памяти в возникновении эффекта «пропусков при продолжении поиска» // Вопросы психологии. 2016. № 5. С. 126-133. *[The role of working memory in subsequent search misses]* – Russian journal, included in Web of Science, Scopus and RSCI data bases

Горбунова Е. С. Исследования «пропусков при продолжении поиска» в рентгенологии и когнитивной психологии // ШАГИ. 2015. Т. 1. № 1. С. 138-146*. [Studies of subsequent search misses in radiology and cognitive psychology]*

Горбунова Е. С. Асимметрия полуполей зрения в задачах опознания и зрительного поиска // Вестник Ярославского государственного университета им. П.Г. Демидова. Серия Гуманитарные науки. 2014. № 2. С. 101-106. *[Visual fields asymmetry in detection tasks and visual search]*

Горбунова Е. С., Фаликман М. В. «Эффект превосходства слова» и направление пространственного внимания // Вопросы психологии. 2012. № 3. С. 106-114. *[Word superiority effect and the deployment of visual attention]* – Russian journal, included in Web of Science, Scopus and RSCI data bases

Фаликман М. В., Горбунова Е. С. Эффект превосходства слова в условиях «мигания внимания» // Вопросы психологии. 2011. № 2. С. 149-157. *[Word superiority effect within the attentional blink]* – Russian journal, included in Web of Science, Scopus and RSCI data bases