

Curriculum Vitae

Natalia A. Tiurina

Birth date: November 19, 1990

Phone (+7 903) 187-6486

E-mail: ntyurina@hse.ru

natalyatyurina@gmail.com

Personal page: <https://www.hse.ru/en/staff/ntyurina>

CURRENT POSITIONS

- National Research University Higher School of Economics (Moscow, Russia), Faculty of Social Science, School of Psychology: Senior Lecturer (since 2017, Full-Time).
Additional administrative duties: Academic Supervisor for Bachelor program “Psychology” (since 2018)
- Research position: National Research University Higher School of Economics (Moscow, Russia): Research Fellow, Laboratory for Cognitive Research (since 2017)

EDUCATION EXPERIENCE

Candidate of Sciences (PhD) – 2017

- National Research University Higher School of Economics, School of Psychology (Graduate School, 2013– 2016) Thesis: Statistical representation of visual properties as factor of perceptual organization, supervisor: Prof. Igor S. Utochkin.

Master’s degree, cum laude – 2013

- National Research University Higher School of Economics, Institute of Education, Program: Measurements in Psychology and Education (2011–2013).

Bachelor’s degree – 2011

- National Research University Higher School of Economics, Faculty of Psychology (2007–2011).

RESEARCH INTERESTS

- Visual perception
- Ensemble summary statistics
- Feature binding
- Object and scene perception
- Perceptual organization
- Psychometrics, test development

QUALIFICATIONS:

- May 2019 – VISxVISION Workshop: Novel Vision Science Research Directions in Visualization", Workshop at VSS (USA)
- July 20 - 27, 2017, “Basics of neuroimaging: data processing and analysis” (St. Petersburg State University, St. Petersburg, Russia)
- April-May 2017, “Quantitative analysis of social data using the SPSS package. Basics of working with the R package ”(HSE, Moscow, Russia)
- July 20–25, 2015, Second International summer school “Test development in psychology and education”(HSE, Moscow, Russia)
- July 15 - 18, 2015, Summer School "MOOC: From Design to Implementation” (HSE, Moscow, Russia)

- April 7 - 17, 2015 – “The Art of Psychodiagnostics. Theory and Practice (Institute of Applied Psychology, Moscow, Russia)
- July 9-15, 2014, Test Development Summer school 2014 (HSE, Moscow, Russia)

SKILLS

- Advanced: Behavioral experiments, Experimental design in PsychoPy, SPSS, JASP, Microsoft office (Word, Excel, Power Point),;
- Basics: R, Python, Online experiments (Pavlov.org. Prolific.co);
- English: Upper Intermediate;
- Basics skills with EEG (Brain products) and eye tracker (SMI)

PROFESSIONAL EXPERIENCE

- Research positions:
National Research University Higher School of Economics (Moscow, Russia): Research Assistant, Laboratory for Cognitive Research (2011- 2016)
National Research University Higher School of Economics (Moscow, Russia): Research Assistant, Laboratory of Ability Psychology (2010- 2012)
Teaching position:
National Research University Higher School of Economics (Moscow, Russia), Faculty of Social Science, School of Psychology – Lecturer (2011-2017, Part-Time)

Additional administrative duties: National Research University Higher School of Economics, Faculty of Social Science, School of Psychology – Deputy Head of School (2017-2018)
National Research University Higher School of Economics (Moscow, Russia), Institute of Education – Master’s Programme “Measurements in Psychology and Education” Coordinator

TEACHING EXPERIENCE

2019 – present

- Practical Training in Psychology: Psychodiagnostics and the Basics of Psychometrics (Bachelor’s programme; Faculty of Social Sciences; 2 year, 2, 3 module)

2018 – 2019

- Practical Training in Psychology: Psychodiagnostics and the Basics of Psychometrics (Bachelor’s programme; Faculty of Social Sciences; 3 year, 1, 2 module)
- Practical Training in Psychology: Psychodiagnostics and the Basics of Psychometrics (Bachelor’s programme; Faculty of Social Sciences; 2 year, 3, 4 module)
- Research Seminar: Legal And Ethical Foundations of Psychological Practice (Bachelor’s programme; Faculty of Social Sciences; 2 year, 2, 3 module)
- Research Seminar: Legal and Ethical Principles of Psychological Practice (Bachelor’s programme; Faculty of Social Sciences; 1 year, 3, 4 module)
- Research Seminar: Scientific Articles Searching and Reviewing (Bachelor’s programme; Faculty of Social Sciences; 1 year, 1, 2 module)

2017 – 2018

- Psychological Assessment (Bachelor’s programme; Faculty of Social Sciences; 3 year, 1, 2 module)
- Test development (Bachelor’s programme; Faculty of Social Sciences; 4 year, 1, 2 module)

2016 – 2017

- Experimental Psychology (Bachelor’s programme; Faculty of Social Sciences; 2 year, 1-3 module)

- Psychological Assessment (Bachelor's programme; Faculty of Social Sciences; 3 year, 1, 2 module)
- 2015 – 2016
- Practical Training in Psychology (Bachelor's programme; Faculty of Social Sciences; 3 year, 1-4 module)
- 2014 – 2016
- Practical Training in Psychology (Bachelor's programme; Faculty of Social Sciences; 3 year, 1-4 module)
 - Research Seminar of The Organizational Psychology Department-3 (Bachelor's programme; Faculty of Social Sciences; 3 year, 1-3 module)
- 2013 – 2014
- Practical Training in Psychology (Bachelor's programme; Faculty of Psychology; 3 year, 1-4 module)
- 2012 – 2013
- Data Analysis And Presentation In Psychological Studies (Bachelor's programme; Faculty of Psychology; 4 year, 2, 3 module)
 - Practical Training in Psychology (Bachelor's programme; Faculty of Psychology; 3 year, 1-4 module)
- 2011 – 2012
- Psychological Assessment (Bachelor's programme; Faculty of Psychology; 3 year, 2-4 module)

RESEARCH GRANTS (PI)

2018 – 2020 (ongoing)

- The multidimensional statistical representation in vision: feature binding in ensemble perception (Russian Foundation for Basic Research, grant №18-313-00253 young_r, funding is approx. equivalent of \$15,000)

RESEARCH GRANTS (Team member)

2018 – 2021 (ongoing)

- The statistical properties of multiple objects as a cue for their segmentation and categorization in human vision (Russian Science Foundation, grant 18-18-00334, funding is approx. equivalent of \$87,000)

2015 – 2016

- The regulatory aspects of human cognitive activity (Program for Basic Research of NRU HSE, grant TZ-74, funding is approx. equivalent of \$45,000)

2014

- The psychological mechanisms of cognitive representation formation (Program for Basic Research of NRU HSE, grant TZ-79, funding is approx. equivalent of \$90,000)

2013

- Bottom-up and top-down processing and representation of information in human (Program for Basic Research of NRU HSE, grant TZ-75, funding is approx. equivalent of \$90,000)

2012

- Ensemble statistical representation and its role in visual search (Russian Foundation for Basic Research, grant 12-06-31223, funding is approx. equivalent of \$11,000)

2012

- The psychological mechanisms involved in cognitive tasks performance (Program for Basic Research of NRU HSE, grant TZ-72, funding is approx. equivalent of \$60,000)
- 2011
- The psychological mechanisms of human cognition and consciousness (Program for Basic Research of NRU HSE, grant TZ-49.4, funding is approx. equivalent of \$60,000)

PUBLICATIONS

In English

- Tiurina, N. A., & Utochkin, I. S. (2019). Ensemble perception in depth: Correct size-distance rescaling of multiple objects before averaging. *Journal of Experimental Psychology: General*, 148(4), 728–738. <https://doi.org/10.1037/xge0000485>
- Markov, Y., Tiurina, N. A., Stakina, Y. M., & Utochkin, I. S. (2017). The capacity and precision of visual working memory for object and ensembles. *Psychology. Journal of the Higher School of Economics*, 14(Psychology. Journal of Higher School of Economics), 735–755. <https://doi.org/10.17323/1813-8918-2017-4-735-755>
- Utochkin, I. S., & Tiurina, N. A. (2014). Parallel averaging of size is possible but range-limited: A reply to Marchant, Simons, and De Fockert. *Acta Psychologica*, 146, 7–18. <https://doi.org/10.1016/j.actpsy.2013.11.012>

In Russian (only full-length articles are listed)

- Tiurina, N. A., & Utochkin, I. S. (2014) Role of global and local similarities in visual search task. *Voprosi Psichologii*, № 4, 107-117
- Tiurina, N. A., & Utochkin, I. S. (2013) Motion-related allocation of attention doesn't depend on a set towards a moving object. *Eksperimentalnaya psichologia*, 6 (2), 35-45

CONFERENCE PRESENTATION

1. **Tiurina, N. A., Markov, Y. A., & Utochkin, I. S. (2019). Size-distance rescaling in the ensemble representation of variance.** *Journal of Vision*, 19(10), 195b. <https://doi.org/10.1167/19.10.195b>
2. Falikman, M., Utochkin, I., Markov, Y., **Tiurina, N., & Khasina, O. (2019). Guided visual search in junior schoolchildren: Slow but sure.** *Journal of Vision*, 19(10), 117a. <https://doi.org/10.1167/19.10.117a>
3. **Tiurina N.A., Markov Y.A., Corbett J.E., Utochkin I.S. The adaptation aftereffect of mean size precedes size-distance rescaling.** *Perception, 41st European Conference on Visual Perception (ECVP) 2018 Trieste*, 48(1_suppl), 1–233. <https://doi.org/10.1177/0301006618824879>
4. **Tiurina, N., & Utochkin, I. (2016). Size averaging is based on distal, not proximal object sizes.** *Journal of Vision*, 16(12), 56. <https://doi.org/10.1167/16.12.56>
5. **Tiurina, N., & Utochkin, I. (2014). Visual size averaging is parallel but depends on the range.** *Journal of Vision*, 14(10), 876. <https://doi.org/10.1167/14.10.876>
6. **Tiurina, N., & Utochkin, I. (2013). Attentional salience as a function of visual statistical properties: A visual search study.** *Journal of Vision*, 13(9), 1243. <https://doi.org/10.1167/13.9.1243>
7. **Tiurina N.A., Utochkin I.S. (2012) Motion-related allocation of attention doesn't depend on a set towards a moving object,** 35st European Conference on Visual Perception (ECVP) 2012 Alghero, Italy <https://doi.org/10.1177/03010066120410S101>

AWARDS

- HSE Best Teachers award in Psychology (students'/graduates' choice) (2015)
- Student Research Paper Competition held by HSE University (2010, 2013)

AD-HOC REVIEWER

Psychology: Journal of the Higher School of Economics (in Russian)

The Journal of Modern Foreign psychology (in Russian)

TCTS Student Competition KAHNEMAN (in Russian)

REFERENCES

References can be obtained from:

Igor S. Utochkin, Professor, National Research University Higher School of Economics (E-mail: isutochkin@inbox.ru, iutochkin@hse.ru)

Dr Jennifer Corbett, Lecturer, Brunel University London (E-mail: jennifer.corbett@brunel.ac.uk)

Ekaterina A. Orel, Research Fellow: Institute of Education / Centre for Psychometrics and Measurement in Education, National Research University Higher School of Economics (E-mail: eorel@hse.ru)