

## PERSONAL INFORMATION

### ULBRIKHT OLGA



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🌐 <http://www.researcherid.com/rid/U-6228-2018>



### PLACE OF WORK, POSITION

Buketov Karaganda University, Associate Professor of the Department of Algebra, Mathematical Logic and Geometry named after Professor T.G. Mustafin

### SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

PhD

### WORK EXPERIENCE

#### Place and date

- **2003-2012 years** – Lecturer at the Department of Algebra, Mathematical Logic and Geometry named after Professor T.G. Mustafin of the Buketov Karaganda University;
- **2012-2020 years** – Senior Lecturer at the Department of Algebra, Mathematical Logic and Geometry named after Professor T.G. Mustafin of the Buketov Karaganda University;
- **2020-2022 years** – Docent at the Department of Algebra, Mathematical Logic and Geometry named after Professor T.G. Mustafin of the Buketov Karaganda University;
- **September 2022 to the present** – Associate Professor at the Department of Algebra, Mathematical Logic and Geometry named after Professor T.G. Mustafin of the Buketov Karaganda University.

### EDUCATION AND PROFESSIONAL TRAINING

#### Education

- **1997-2001 rr.** – Buketov Karaganda University, Faculty of Mathematics, specialty 01.01.00 - «Mathematics», qualification – **Mathematician. Teacher.** (With Honours);
- **2001-2003 rr.** – Buketov Karaganda University, Faculty of Mathematics, specialty – 510150 - «Mathematics», qualification – **Master of Mathematics.** (With Honours);
- **2017-2019 rr.** – Buketov Karaganda University, Faculty of Mathematics, specialty 6D060100 – «Mathematics», degree – **Doctor of Philosophy (PhD).**

#### Professional trainings, Scientific trips

- **April 8-9, 2016** – participation in the international scientific conference "Algebra, Analysis, Differential Equations and Their Applications" dedicated to the 60th anniversary of Academician of the National Academy of Sciences of the Republic of Kazakhstan Askar Serkulovich Dzhumadildaev (Almaty);
- **May 27 - June 27, 2018** – foreign scientific internship at the Czech Technical University in Prague (Czech Republic) at the Faculty of Information Technology;
- **June 22-24, 2018** - participation in the 6th World Congress on Universal Logic UNILOG-2018 (Vichy, France);
- **June 17-21, 2019** - participation in the 16th Asian Logical Conference (Nur-Sultan).

- The course of the faculty of advanced training of Buketov Karaganda State University on the topic "Innovative technologies in the educational process" (Certificate №675 of 15.10.2005);
- The course of the faculty of advanced training of Buketov Karaganda State University on the topic "Development and use of multimedia and interactive tools in the educational process and teaching methods in the context of credit training technology" (Certificate №317011 of 18.06.2011);
- Elsevier Author Seminar "How to Get Published in Scientific Journals" (Certificate of 19.11.2013, Elsevier BV);
- SpringerLink User Training "Seminar on the use of information resources of the international company Springer" (Certificate of 04.24.2015, Springer Verlag);
- Workshop "Modern information technologies in the field of education. The use of electronic publications in the educational process" (Certificate of 27.01.2016, IPR Media);
- Thomson Reuters online resource seminars "Web of science platform - basic features" (Certificate, March 2016);
- Thomson Reuters online resource seminars "Web of science platform - advanced features." (Certificate, March 2016);
- The educational program of continuing education courses for teachers of pedagogical specialties of universities "Modern Pedagogical Technologies", Almaty (Certificate №0130195 of 18.06.2016);
- The Course of the faculty of additional education of Buketov Karaganda State University on the topic "Fundamental questions of modern mathematics" (Certificate №437017 of 25.02.2017);
- The course of the faculty of additional education of Buketov Karaganda State University on the topic "Preparing a university teacher to study using distance learning technologies" (Certificate №409019 of 14.09.2019);
- Online seminars "Web of Science Group Resources for Scientists and Journals" (April 14-29, 2020, certificate issued by Clarivate Analytics);
- Online seminars "Practical recommendations for publishing in international journals" (April 14-29, 2020, certificate issued by Clarivate Analytics);
- Online seminars "Web of Science: a navigation system in the world of scientific publications" (April 14-29, 2020, certificate issued by Clarivate Analytics);
- Online seminar "Plagiarism and its consequences for journals, organizations and authors" (June 2, 2020, certified by Clarivate);
- Webinar on the topic "Working with the Antiplagiat system for university publishing houses: features, pitfalls, errors" (Certificate No. 20201112/317 dated 12.11.2020, issued by Antiplagiat company);
- Webinar on the topic "Implementation of the Antiplagiat system in an organization: 7 simple steps" (Certificate No. 20201113/102 dated 11/13/2020, issued by Antiplagiat company);
- Web of Science online seminars on the topic "Clarivate Information Resources for Scientific Organizations" (September 14-16, 2021, certificate issued by Clarivate);
- Web of Science Online Seminars on «Clarivate Resources for Science» (September 21-23, 2021, certificate issued by Clarivate);
- Online seminars "New Web of Science interface" (January 14-28, 2021, certified by Clarivate);
- Web of Science online seminars on the topic "How to prepare a publication for an international scientific journal" (April 12-29, 2021, certificate issued by Clarivate);
- From 03/28/2022 to 04/17/2022, she completed the course "Introduction to the theory of algorithms". Lecturer: Morozov A.S. – Doctor of Physics and Mathematics, professor of NSU, head of the laboratory of logical systems of the

Institute of Mathematics of S.L. Sobolev of SB RAS (Certificate No. 000007).  
(Certificate No. 000007).

**PERSONNEL QUALITIES**

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**Knowledge of languages**  
**Native language**

**Russian**

LANGUAGE	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Oral speech	Written speech	
<b>Kazakh</b>	base	base	base	base	base
<b>LANGUAGE CERTIFICATE: no.</b>					
<b>English</b>	base	base	base	base	base
<b>LANGUAGE CERTIFICATE: no.</b>					
<b>German</b>	base	base	base	base	base
<b>LANGUAGE CERTIFICATE: no.</b>					

**Digital skills**

Advanced user: Microsoft Office (Word, Excel, Power Point); WinEdit (Latex programming). Knowledge of operating systems: Windows and Android.

**Other skills (hobbies)**

Reading, travel, board games.

**ADDITIONAL INFORMATION**

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1. Yeshkeyev A.R., Ulbrikht O.I. JSp-cosemanticness and JSB property of Abelian groups // Siberian Electronic Mathematical Reports. – 2016. – Vol. 13. – P. 861-874.
2. Yeshkeyev A.R., Ulbrikht O.I. JSp-cosemanticness of R-modules // Siberian Electronic Mathematical Reports. – 2019. – Vol.16. – P. 1233-1244.
3. Yeshkeyev A.R., Ospanov R.M., Ulbrikht O.I. Lattices of existential formulas of  $\Delta$ -Jonsson theory // Bulletin of the Karaganda University. Mathematics series. – 2012. – № 4 (68). – P. 41-50.
4. Yeshkeyev A.R., Ulbrikht O.I. On lattice of existential formulas for fragment of Jonsson set // Bulletin of the Karaganda University. Mathematics series. – 2015. – № 3 (79). – P. 33-39.
5. Yeshkeyev A.R., Kassymetova M.T., Ulbrikht O.I. Criterion for the cosemanticness of the Abelian groups in the enriched signature // Bulletin of the Karaganda University. Mathematics series. – 2018. – № 1 (89). – P. 49-60.
5. Ulbrikht O.I. Forking and independence for fragments of Jonsson sets // Bulletin of the Karaganda University. Mathematics series. – 2018. – № 2 (90). – P. 113-118.
6. Yeshkeyev A.R., Ospanov R.M., Ulbrikht O.I. On the question of A.D. Taimanov regarding positive Jonsson theories in enrichment // Proceedings of the international scientific and practical conference "Contemporary Mathematics: Problems and Applications", dedicated to the scientific and pedagogical activities of Academician A.D. Taimanov. – Almaty, 2013. -- P. 165-169.
7. Yeshkeyev A.R., Ulbrikht O.I.  $\nabla$ -cosemanticness and the Schröder-Bernstein property for Jonsson Abelian Groups // Abstracts of the international scientific conference "Algebra, analysis, differential equations and their applications", dedicated to the 60th anniversary of Academician of the National Academy of Sciences of the Republic of Kazakhstan Dzhumadildaev Askar Serkulovich. – Almaty, 2016. – P. 78-80.
8. Yeshkeyev A.R., Ulbrikht O.I. Cosemanticness and JSB-property for Abelian Groups // Book of Abstracts. Logic Colloquium. – University of Leeds, 2016. – P. 139-140.
9. Yeshkeyev A.R., Kassymetova M.T., Ulbrikht O.I. The JSB property for abelian groups in an enriched language // Abstracts of the international conference "Actual problems of pure and applied mathematics" dedicated to the centenary of the birth of academician Taimanov Asan Dabsovich. – Almaty, 2017. – P. 25-27.
10. Yeshkeyev A., Kassymetova M., Ulbrikht O. JSp-cosemanticness of Jonsson pairs of theory Abelian groups // Abstracts of VI congress of the Turkic world mathematical society. – Astana, 2017. – 279 p.
11. Yeshkeyev A., Ulbrikht O. The nonforking notion for Jonsson sets // Handbook of the 6th World Congress and School on Universal Logic. – France: Vichy University Campus, 2018. – P. 246-247.
12. Yeshkeyev A.R., Kassymetova M.T., Ulbrikht O.I.  $\nabla$ - $\lambda$ -stability of the class of the fragmentary Jonsson perfect spectrum // Proceedings of the international scientific conference "Theoretical and applied problems of mathematics, mechanics and computer science", timed to the 70th anniversary of the doctor of physical and mathematical sciences, professor Ramazanov Murat Ibraevich. – Karaganda: KarSU, 2019. -- P. 9.
13. Ulbrikht O. Jonsson independence for JSp(A) // The 16th Asian Logic Conference. Abstracts. – Nur-Sultan: Nazarbayev University, 2019. – P. 42.
14. Ulbrikht O.I. Jonsson perfectness of a  $\mathcal{J}$ -categorical module // Abstracts of the international conference "Actual problems of analysis, differential equations and algebra" (EMJ-2019), dedicated to the 10th anniversary of the issue of the journal "Eurasian Mathematical Journal". – Nur-Sultan: L.N. Gumilyov Eurasian National University, 2019. – P. 182-183.
15. Ulbrikht O. Jonsson independence for JSp(A) // The Bulletin of Symbolic Logic / Sixteenth Asian Logic Conference an official Meeting of the Association for Symbolic Logic. – ASL, Cambridge University Press, 2019. – Vol.25, №4. – P.476-477.

## Main publications

The number of published scientific and educational-methodical works - more than 70, of which:

- in the journals of the Scopus database – 3;
  - in the journals of the Web of Science database – 10;
  - in publications recommended by CCSES MES RK – 9;
  - in publications located in the RSCI database – 8;
  - textbooks, teaching aids, electronic textbooks (co-authored) – 5.
- Scopus h-index – 1.  
 Web of Science h-index – 3.  
 RSCI h-index – 2.  
 Google Scholar h-index – 3.

**Participation in the implementation of scientific projects**

1. "Structural properties of positive Jonsson theories and their classes of existentially closed models" (customer - SC MES RK; 2012-2014; position - junior researcher);
2. "Fragments and their classes of models" (customer - KSU named after E.A. Buketov, 2019-2020; position - researcher);
3. "Classes of cosemantics and their classes of models" (customer - SC MES RK; 2021-2023; position - Leading Researcher).

**Membership in professional scientific organizations**

- 2018-2020 гг. – Member of the International Association for Symbolic Logic "Association for symbolic logic" (ASL).

**Courses**

1. Linear algebra
2. Mathematical logic and discrete mathematics
3. Mathematics-1
4. Probability theory and mathematical statistics
5. Discrete mathematics and combinatorics
6. Fundamentals of Model Theory
7. Algebra and geometry
8. Group theory
9. Analytical geometry
10. Programming in Latex

**Professional and scientific interests**

Mathematical logic, Model Theory, Jonsson theories, algebraic systems.

**SCIENTIFIC DATABASES IDENTIFIERS**

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**Researcher ID:** U-6228-2018  
**ORCID ID:** <http://orcid.org/0000-0002-3340-2140>  
**RSCI identifier:** 3853-4574  
**Author ID Scopus:** 57193349139