

## PERSONAL INFORMATION

## MUSSINA NAZERKE



📍 Republic of Kazakhstan, city of Karaganda, st. Universitetskaya, 28, Karaganda  
Buketov University



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🌐 [https://www.researcherid.com/rid/ FMW-5992-2022](https://www.researcherid.com/rid/FMW-5992-2022)



| **Date of birth:** 17/04/1993

### PLACE OF WORK, POSITION

Karaganda Buketov University, senior lecturer of the Department of Algebra, Mathematical Logic and Geometry after named prof. T.G. Mustafin

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

Master of Natural Sciences

### WORK EXPERIENCE

5 years

#### Place and date

– Since 2021, Senior lecturer of the Department of Algebra, Mathematical Logic and Geometry named after Professor T. G. Mustafin of the Karaganda Buketov University

### EDUCATION AND PROFESSIONAL TRAINING

#### Educaton

– 2011-2015 Karaganda State University named after academician Y.A. Buketov, Faculty of Mathematics, specialty - "**5B060100-Mathematics**", qualification - " Bachelor of Natural Sciences"

– 2016-2018 Karaganda State University named after academician Y.A. Buketov, Faculty of Mathematics, specialty - "**6M060100-Mathematics**", qualification - " Master of Natural Sciences"

– 2017-2019 Karaganda State University named after academician Y.A. Buketov, Faculty of Foreign Languages, specialty - **5B011900- "Foreign language: two foreign languages (English)"**

– 2018-2021 doctoral student of the Karaganda State University named after academician Y.A. Buketov (**6D060100- Mathematics**)

### SKILLS DEVELOPMENT INFORMATION

- The course of the intensive English course (Intermediate) program, certificate No. 286019 dated 09/10/2018-06/10/2019.

- Certificate No. 725019 (dated 21.10.2019) 36-hour advanced training course on the topic "Preparing a university teacher to study using distance learning technologies"

- Certificate (10.11.19-09.12.19) of completion has successfully completed the PhD internship at the Faculty of Information Technology of the Czech Technical University in Prague;

- Certificate of advanced training "Selected questions of algebra and mathematical logic" No.210021 (20.05.2021), Karaganda ;

- "Introduction to the theory of algorithms" training course (72 hours) No. 000015 in the period from 28.03.22 to 17.04.22

## PERSONNEL QUALITIES

**Native language** **Kazakh**

LANGUAGE	UNDERSTANDING		SPEAKING	WRITING
	Listening	Reading	Oral speech	
Russian	C2	C2	C2	C2
<b>LANGUAGE CERTIFICATE:</b>				
English	B2	B2	B2	B2
<b>LANGUAGE CERTIFICATE:</b>				
French	A1	A1	A1	A1

**Digital skills** Advanced user: Microsoft Office (word, excel, power point), Latex.  
– Knowledge of operating systems: Windows and IOS.

**Other skills (hobbies)** reading, travel, music, foreign languages, board games.

## ADDITIONAL INFORMATION

### Main publications

1. Yeshkeyev A.R., Mussina N.M. Properties of hybrids of Jonsson theories. Вестник Карагандинского университета. – Серия Математика. - №4(92). – 2018. – С. 99-104.
2. Yeshkeyev A.R., Issaeva A.K., Mussina N.M. The atomic definable subsets of semantic model. Вестник Карагандинского университета. – Серия Математика. - №2(94). – 2019. – С.84-91.
3. Yeshkeyev A.R., Mussina N.M. Small models of hybrids for special subclasses of Jonsson theories. Вестник Карагандинского университета. – Серия Математика. - №3(95). – 2019. – С.68-73.
4. Мусина Н.М. Йонсондық теориялардың гибридтерінің кейбір мысалдары және қасиеттері. Вестник Казахского национального педагогического университета имени Абая. – Серия Физико-математические науки. - №2(66). – 2019. – С.72-77.
5. Yeshkeyev A.R., Mussina N.M. The hybrids of  $\nabla$ - P J theories. Вестник Карагандинского университета. – Серия Математика. - №2(98). – 2020. – С.174-180.
6. Yeshkeyev A.R., Mussina N.M. An algebra of the central types of the mutually model-consistent fragments. Вестник Карагандинского университета. – Серия Математика. - №1(101). – 2021. – С.111-118.

**The number of published scientific and educational works is about 30, including:**  
— 4 articles in a journal included in the Scopus database and having the 35th percentile,  
— 2 articles in a journal included in the Web of Science database,  
— 1 article in journals recommended by Committee for Quality Assurance in the Field of Science and Higher Education of the Ministry of Science and Higher Education of the Republic of Kazakhstan,  
— in publications published at international conferences-21.

**Hirsch index based on Web of Science for the last 5 (five) years – 3,  
Hirsch index based on Scopus for the last 5 (five) years -2.**

**Participation in the implementation of scientific projects**

" The cosemantic classes and their classes of models " (customer - MES RK; 2021-2023; position - research associate).

**Membership in professional scientific organizations**

- a member of the International Association for Symbolic Logic (ASL), which is the largest organization of modern logicians.

**Awards and titles**

letters of thanks, certificates, diplomas;

**Courses**

1. Linear algebra and geometry
2. Linear algebra
3. Mathematics-1
4. Analytical geometry
5. Probability theory and mathematical statistics
6. Algebra 2
7. Professionally oriented foreign language

**Professional and scientific interests**

Mathematical Logic, Model Theory, Jonsson theories, algebraic structures and their model classes

**SCIENTIFIC DATABASES IDENTIFIERS**

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**ORCID ID:** 0000-0002-4360-8767  
**RSCI:**  
**Author ID Scopus:** 58197486100