

PERSONAL INFORMATION

MUSSINA NAZERKE



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| [Date of birth](#): 17/04/1993

PLACE OF WORK, POSITION

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

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

PhD

WORK EXPERIENCE

, years

Place and date

- Since 2021, Senior lecturer of the Department of Algebra, Mathematical Logic and Geometry named after Professor T. G. Mustafin
- Since 2024, Associate Professor of the Department of Algebra, Mathematical Logic and Geometry named after Professor T. G. Mustafin

EDUCATION AND PROFESSIONAL TRAINING

Educator

- 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
LANGUAGE CERTIFICATE:					
English	B2	B2	B2		B2
LANGUAGE CERTIFICATE:					
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 ∇ - 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.
7. Yeshkeyev, A.R., Ulbrikht, O.I., Mussina, N.M. Similarities of Hybrids from Jonsson Spectrum and -Acts. Lobachevskii Journal of Mathematics, 2023, 44(12), С. 5502–5518
8. Kassymetova, M.T., Mussina, N.M. Geometry of strongly minimal hybrids of fragments of theoretical sets. Bulletin of the Karaganda University. Mathematics SeriesЭта ссылка отключена., 2023, 111(3), С.47–58.

The number of published scientific and educational works is about 30, including:

- 6 articles in a journal included in the Scopus database,
- 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-25.

**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 -3.**

**Participation in the
implementation of scientific
projects**

" The cosemantic classes and their classes of models " (customer - MES RK; 2021-2023; position - research associate).
Research associate - Postdoctoral Fellow on the theme IRN AP22686796 "Fragment Hybrids and Their Small Models; 2024-2026.
- Senior Research associate on the theme IRN AP23489523 "Fragments of Definable Subsets of the Semantic Model of a Fixed Jonsson Theory"; 2024-2026.

**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**

Researcher ID: FMW-5992-2022
ORCID ID: 0000-0002-4360-8767
RSCI:
Author ID Scopus: 58197486100