

PERSONAL INFORMATION



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🌐 <https://publons.com/researcher/F-9271-2017/>



| Date of birth: 31/01/1984

PLACE OF WORK, POSITION

KarU named after academician E.A. Buketova, Senior Lecturer of the Department of Methods of Teaching Mathematics and Informatics

SCIENTIFIC DEGREE, SCIENTIFIC TITLE (ACADEMIC DEGREE)

Doctor PhD

WORK EXPERIENCE

Place and date

- 2005-2009. secretary-machinist at Karaganda State Technical University
- 2009 - 2015 Inspector of the Population Service Center (PSC) in Karaganda
- 2018 to the present time - Lecturer at the Department of Methods of Teaching Mathematics and Informatics
- 2020 Chairman of the Council of Young Scientists of the Faculty of MIIT

EDUCATION AND PROFESSIONAL TRAINING

Education

- 2000-2005 student of KarSU named after E.A. Buketova, specialty "Mathematics"
- 2005-2009 student of the Karaganda Institute of Actual Education "Bolashak", specialty "Jurisprudence"
- 2013-2015. KarSU named after E.A. Buketova, magistracy
- 2015-2018 doctoral studies, Eurasian University named after L.N. Gumilyov

Professional trainings, Scientific trips

- 2014 Scientific internship at the Czech Technical University.
- 2016 Scientific internship Peoples' Friendship University of Russia (RUDN)
- 2017 Scientific internship (PFUR) at the Department of Nonlinear Analysis and Optimization of the Faculty of Physics, Mathematics and Natural Sciences

SKILLS DEVELOPMENT INFORMATION

- Preparing a university teacher for training using distance educational technologies, E.A. Buketov KarSU, FDO, 2019 (36 hours). No. 717019
- Certificate for "Antiplagiat System" as a tool for improving the quality of scientific and educational work in the Republic of Kazakhstan. No. 20101014/288
- Scientific seminar of Professor N.A. Bokaev ENU named after L.N. Gumilyov

PERSONNEL QUALITIES

Native language Kazakh

LANGUAGE	UNDERSTANDING		SPEAKING	WRITING
	Hearing	Reading	Oral speech	
Russian	base	base	base	base
English	A2	A2	A2	A2

Digital skills

Microsoft Office (Word, Excel, Power Point), graphics editors (CorelDraw, Adobe Photoshop, Adobe Illustrator, Adobe Photoshop Lightroom), video editing programs (Adobe Premier Pro, Final Cut Pro X, Movavi). Knowledge of operating systems: Windows and IOS.

Other skills (hobbies)

reading, singing, board games, swimming

ADDITIONAL INFORMATION

Main publications

1. Gulden Zh. Karshygina Optimal embeddings of Bessel and Riesz type potentials on the basis of weighted Lorentz spaces. AIP Conference Proceedings 1880, 030014 (2017); <https://doi.org/10.1063/1.5000613>
 2. Bokayev N.A., Goldman M.L., Karshygina G.Zh. Cones of Functions with Monotocity Conditions for Generalized Bessel and Riesz Potentials.// Mathematical Notes, 2018, V.104, No 3, P.348-363 <https://doi.org/10.1134/S0001434618090043>
 3. Bokaev N.A., Goldman M.L. Karshygina G.Zh. Cones of functions with monotonicity conditions for generalized Bessel and Riesz potentials. // Mathematical Notes, 2018, Volume 104, Issue 3, -C.356-373 DOI: <https://doi.org/10.4213/mzm12110>
 4. N.A. Bokayev, M.L. Goldman, G.Zh. Karshygina. Criteria for embedding of generalized Bessel and Riesz potential spaces in rearrangement invariant spaces. Eurasian mathematical journal ISSN 2077-9879 Volume 10, Number 2 (2019 (Scopus), 8-29 DOI: <https://doi.org/10.32523/2077-9879-2019-10-2-08-29>
 5. N.A. Bokayev, M.L. Goldman, G.Zh. Karshygina Some integral estimates on the cones of functions with the monotonicity conditions Math Series. No. 2 (90) / 2018 p. 80-87
 6. Bokayev N. A., Goldman M. L., Karshygina G. Zh. The criterion of embedding for generalized Bessel potentials into rearrangement invariant spaces. Int'l conf, dedicated. 95th anniversary of the birth of Corresponding Member of the Russian Academy of Sciences, Academician of the European Academy of Sciences L. D. Kudryavtsev Moscow, RUDN, 2018 Page 23
- The number of published scientific and educational-methodical works - more than 20, of which:**
- in journals based on Scopus - 3;
 - in logs on the Clarivate Analytics database - 5;
 - in editions recommended by KOKSON MES RK - 5;
 - in publications located in the RSCI database, including a journal from the list of VAK-1 Scopus Hirsch Index - 1
 - Clarivate Analytics Hirsch Index - 1
 - Hirsch index according to the RSCI database -
 - Google Scholar Hirsch Index - 1

**Participation in the
implementation of scientific
projects**

**Membership in professional
scientific organizations**

Awards and titles

Courses

1. Higher mathematics
2. Mathematics I
3. Mathematics II
4. Economics and mathematics

**Professional and scientific
interests**

- Functional analysis
- Functional spaces
- Function theory
- Operator theory

**SCIENTIFIC DATABASES
IDENTIFIERS**

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RSCI:

Author ID Scopus: