

PERSONAL INFORMATION

OSPANOVA ALIYASH SAGIEVNA



📍 Republic of Kazakhstan, Karaganda city, Universitetskaya street, 28, KarU named after E.A. Buketov.



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| Date of Birth:01/01/1976.

PLACE OF WORK, POSITION

KarU named after E.A. Buketov, Associate Professor, Chair of Inorganic and Technical Chemistry

ACADEMIC DEGREE, ACADEMIC TITLES (ACADEMIC TITLES)

Candidate of chemical sciences

WORK EXPERIENCE

23 years

Place and date

- 2000-2002 teacher of the Department of Inorganic Chemistry of E.A. Buketov KarSU;
-2002-2004 – deputy director for science of the Balkhash branch of Karaganda State University named after E.A. Buketova
2004-2010 – associate professor of the department of metallurgy and mechanics, Balkhash humanitarian and technical institute
2010-2019 – teacher at the Balkhash Polytechnic College of the Kazakhmys Corporation
-from 2019- to the present - associate professor of the department of inorganic and technical chemistry of Karaganda University; Karaganda named after E.A. Buketov.

EDUCATION AND INTERNSHIPS

Education

- 1992-1996 - Karaganda State University named after Academician E.A. Buketova, faculty of chemistry, specialty “Chemistry”;
- 1996-1999 - Karaganda State University named after Academician E.A. Buketova, faculty of chemistry, graduate student
- 1999, defense of the dissertation for the scientific degree of candidate of chemical sciences at the dissertation council DR 53.39.01 at the IOSU MES RK of Karaganda (order №27 of 12/01/1999) in the specialties “02.00.01-Inorganic chemistry” and “ 02.00.04-Physical chemistry”

Internships, scientific trips

- 10/09/2016 - 10/19/2016 - Scientific internship at the Department of "Chemistry of Building Materials" at the Technical University of Munich, Munich, Germany.
- 03/31/2019 - 04/30/2019 - Scientific internship at the Department of Technology of Cement and Composite Materials at the V.G. Shukhov Belgorod State Technological University, Belgorod, Russian Federation.
- 01/13/2022 - 01/13/2023 - internship under the Bolashak program at M.V. Lomonosov Moscow State University, Moscow, Russian Federation.

DETAILS ABOUT PROFESSIONAL DEVELOPMENT

– Development of modular programs, implementation of the educational process in credit-distance learning, 72 hours. Karaganda regional institute for advanced training and retraining of civil servants and education workers, certificate № 0294390 (16.06.2011)

- “Theoretical and methodological foundations of the activities of the class teacher. Increasing the level of competence of class teachers in the context of modernization of the TVE system” Branch of JSC "National center for a advanced training "Orleu" institute for advanced training of teachers in the Karaganda region, certificate № 0067858 (28.06.2013)
- Physical chemistry, Institute of advanced studies of Al-Farabi Kazakh National university, 72 hours, certificate №3672 (10.02-22.02. 2014)
- “Teaching special disciplines in English based on the integration of CLIL, TBLT and BOPPS methods”, NJSC “Kasipkor Holding” center for vocational education, certificate №367 (7.03. 2019r)
- “Professional competence of a teacher of general education disciplines in the context of updating the content of the technical and vocational education system” JSC “National Center for advanced training “Orleu” Institute of Advanced Studies of the Karaganda region, certificate № 0308064 (20.01-30.01. 2020r)
- “Distance learning in vocational and post-secondary education.” Training center of non-profit JSC "Talap", certificate №06172. (28.08.2020r)
- “Development and improvement of IT competencies of teachers.” Training center of non-profit JSC "Talap", certificate №17462.(31.08.2020r)
- Master class «Tools to increase student engagement and motivation in online learning». Belgian educational center. certificate KP4MK6044 (29.04.2021)
- Master class «Method to create a video lesson Belgian educational center. certificate KP4MK4034 (06.05.2021)
- Master class «Flipped classroom in distance learning». Belgian educational center. certificate KP4MK6028 (13.05.2021)
- Master class «Building students’ feedback». Belgian educational center. certificate KP4MK6044 (20.05.2021)
- Master class «What you’re doing wrong during your online lessons». Belgian educational center. certificate KP4MK7031 (27.05.2021)
- “New theoretical directions in the development of chemistry” E.A. Buketov Karaganda University, 36h, Certificate №316021 (14.06.-19.06. 2021)
- Master class «Cyberprofessor» «Is the self power so strong? How to insluence, control, inspire, manage using the self power of the Professor». Belgian educational center. certificate KP3MK1010 (07.10.2021)
- Master class «Cyberprofessor» «Learn to ask the right questions and enjoy the learning process!». Belgian educational center. certificate KP5MK2021 (14.10.2021)
- Master class «Cyberprofessor» «Personal experience as a tool for teaching students». Belgian educational center. certificate KP5MK3019 (21.10.2021)
- Master class «Cyberprofessor» «How can a professor competently prevent problems with students». Belgian educational center. certificate KP5MK4023 (28.10.2021)
- «Dynamic processes during self-organization of “soft” matter” certificate of guest lecture Ph.D. Kvyatkovsky A.L. Lomonosov Moscow state university, Moscow, 72 час (31.10-29.11.2022)
- Planning and integration of CLIL technology in the education system of the Republic of Kazakhstan, certificate № CLIL-235 (07.12.2022)

PERSONAL QUALITIES

Language skills Kazakh (fluent), Russian (fluent), English (PreIntermediate)
Native language Kazakh

Language name	UNDERSTANDING		SPEAKING		LETTER
	Hearing	Reading	Oral speech	Written speech	
Kazakh language	availability of a language certificate: Certificate - level A2				
English language					

Computer skills USER: MICROSOFT OFFICE (WORD, EXCEL, POWER POINT), STATISTICA 6.0; GRAPHIC EDITORS (CORELDRAW, ADOBE PHOTOSHOP)

Other skills (hobbies) Science, technology and technology of modern industries, analytical research,

**ADDITIONAL
INFORMATION**

- 1 Алдабергенов М.К., Балакаева Г.Т., Чекимбаев А.Ф., Оспанова А.С. Расчеты стандартных термодинамических функции боросиликатов // Журнал физической химии, -2000, -т.74, -№8, -С.1513-1516
2. Балакаева Г.Т., Оспанова А.С. Синтез боросиликатов лития на основе триангуляции системы $\text{Na}_2\text{O}-\text{B}_2\text{O}_3-\text{SiO}_2$ Сборник научных трудов «Проблемы комплексной переработки минерального сырья». -Караганда. -2000. -С.79-86
- 3 Оспанова А.С., Кокибасова Г.Т. Синтез боросиликатов лития на основе триангуляции системы $\text{Li}_2\text{O}-\text{B}_2\text{O}_3-\text{SiO}_2$ // Вестнике КарГУ им.Е.Букетова, Серия Химия. -Караганда, - 2009, -№2(54) .-С.21-25
- 4 Кокибасова Г.Т. , Оспанова А.С. Тетраэдризация сложных четырех компонентных систем / Материалы международной научно-практической конференции Абишевские чтения – 2011 «Гетерогенные процессы в обогащении и металлургии» -Караганда. - 2011. -С.273-274
- 5 Оспанова А.С., Кокибасова Г.Т., Разбекова А.С. Механизм тетраэдризации сложных четырех компонентных систем $\text{CaO}-\text{B}_2\text{O}_3-\text{SiO}_2-\text{H}_2\text{O}$ / Вестник КарГУ им.Е.Букетова, Серия Химия. -Караганда, -2011. -№2(62). -С.19-24
- 6 Көкібасова Г.Т., Мұхамеджанова С.К., Оспанова А.С. Ұлттық педагогиканы химия оқытуда қолдану әдістемесі / «Қазіргі білім беру парадигмасындағы классикалық университет» атты халықаралық ғылыми-практикалық конференцияның жинағы. -Қарағанды. -2012. -С.469-473
- 7 Абдуалиева М.К., Оспанова А.С., Кокибасова Г.Т., Жүнісова М.С. Шиббаева С.Р. Интегрированное занятие на тему «Эколого-правовые аспекты и аналитические исследования» / Материалы IV международной научно-практической конференции «Дулатовские чтения 2014». -Костанай. -2014. -С.158-160
- 8 Оспанова А.С. Региональное использование природных ресурсов и охраны окружающей среды / Сборник материалов обласной научно-практического семинара «Новые подходы в практике преподавания и обучения естественнонаучных дисциплин», -Караганда, -2016.-С.82-86
- 9 Kadirbekova A.A, Ospanova A.S., Kazova R.T., Lentschke J. The industrial test of concentration of slowly colled converter slag / Материалы XIV-Международной научной конференции -Болгария -Варна. -2017. -С.291-293
- 10 Кадирбекова А.А., Оспанова А.С., Саабденъева Г.Т., Казова Р.А. Ленчке Я. Моделирование закономерностей влияния аэрополлютантов на степень очистки выбросов предприятия //Журнал Вестник КазГУ им.Аль-Фараби. Серия экологическая. -Алматы. -2017, -№2(51). -С.24-33
- 11 Кадирбекова А.А., Оспанова А.С., Казова Р.А. Ленчке Я. Химико-аналитическое изучение воздействия медеплавильного цеха БГМК на состояние почвы // Журнал Вестник КазГУ им.Аль-Фараби. Серия экологическая. Алматы. 2017. №2(51). С. 46-54
- 12 Кадирбекова А.А., Оспанова А.С., Казова Р.А. Ленчке Я. Балқаш мыс балқыту зауыты кож үйіндісі аумағының топырақты-экологиялық мониторингі //Журнал Вестник КБТУ, -Алматы, -2018.- №14.-С.78-84
- 13 Оспанова, А. С., Жагуфарова, Б. М., Пашаева А. Б. Разработка программированного курса по неорганической химии на тему : «Энергетика в химии и исследование его эффективности в обучении» [Development of a programmed course in inorganic chemistry on the topic : «Energy in chemistry and the study of its effectiveness in teaching] / Сборник тезисов всероссийского научно-образовательного форума с международным участием «Приоритеты в современном естественно - научном образовании: проблемы и перспективы». – Якутск, 2021. – С. 125–134
- 14 Sadykov T. M., Kokibasova G. T., Ospanova A. S. . The development of interactive chemistry lessons on the topic: «Mineral fertilizers» <https://doi.org/10.48081/LAMR4051> //Журнал Вестник Торайгыров университета. Серия педагогическая. -Павлодар. -2023. -№1. -С. 53-69
- 15 Садыков Т.М., Оспанова А.С., Кокибасова Г.Т., Унербаева З.О. Оқушылардың химиялық өндіріс туралы жаратылыстану сауаттылығын дамыту үшін жоба әдісін қолдану //Журнал Вестник КазНПУ им Абая Серия«Естественно-географические науки» -Алматы. -№1(75), -С.21-31. -2023
- 16 Timur Sadykov, Gulmira Kokibasova, Yelena Minayeva, Aliyash Ospanova Maral Kasyimova A systematic review of programmed learning approach in science education <https://doi.org/10.1080/2331186X.2023.2189889> // Cogent Education -2023. -Vol 10, - Issue 1
- 17 Кокибасова Г.Т., Садыков Т.М., Оспанова А.С. Зертханалық жұмыстарды критериялды бағалау әдістемесі // Теоретическая и экспериментальная химия: материалы VII Междунар. науч.-практ. конф., посвящ. 50-летию хим. ф-та и 100-летию Первого декана проф. Р.Г. Омаровой. -Караганда: Изд-во НАО «КарУ им. акад. Е.А. Букетова», -2023. –С.162-165

Main Publications

Main Publications

Hirsch index based on Scopus - 1.
Hirsch index based on Web of science - 1

Participation in the implementation of scientific projects

Membership in professional scientific organizations

Awards and titles

- “Certificate of Honor” from the Nur Otan Party of Kazakhmys Corporation LLP, (2018)
- “Letter of gratitude” from the akim of Balkhash (2018)
- “Letter of gratitude” from the Educational and Methodological Center for Education Development of the Karaganda Region. (2019)
- “Letter of gratitude” from the holding NAS “Kasipkor”. (2019)
- “Letter of gratitude” from the Institute of Advanced Training of the Karaganda Region JSC “National Center for Advanced Training “Orleu”. (2020)

Courses

1. Inorganic chemistry (Kazakh/Russian)
2. Chemistry of elements (Kazakh/Russian)
3. Methodology for solving problems in chemistry (Kazakh/Russian)

Sphere of professional and scientific interests

- Actual problems of higher education;
- Training of competitive specialists in the field of chemical technology of inorganic substances and borosilicate materials.

IDENTIFIERS OF SCIENTOMETRIC DATABASES

h-index: 1
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