

## PERSONAL INFORMATION



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

☎️ 📞

✉️ manshuk\_Nur@mail.ru



| Date of birth: 29/04/1971

### PLACE OF WORK, POSITION

KarU them. E. A. Buketova, Professor of the Department of Inorganic and Technical Chemistry

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

PhD in Chemistry,  
Associate Professor KKSON MES RK

## WORK EXPERIENCE

### Place and date

1994 - 1995 teacher of informatics and computer technology in secondary school No. 6 in Karaganda;  
- 1995 - 2002 worked at the Institute of Organic Synthesis and Coal Chemistry of the Ministry of Education and Science of the Republic of Kazakhstan as an engineer, junior researcher;  
- 2003 - 2009 worked at the KSU named after E.A. Buketov, at the professional and artistic faculty at the department "General technical disciplines and methods of labor training" as a teacher, Art. teacher, associate professor;  
- 2009 - 2021 worked at KSTU at the Faculty of Mechanical Engineering as an associate professor of the Department of Professional Education and Pedagogy;  
- 2021-2022 Professor of the Department of Fine Arts and Design, Faculty of Pedagogy, KarU named after E.A. Buketova;  
- since September 2022, Professor of the Department of Inorganic and Technical Chemistry, Faculty of Chemistry, KarU named after E.A. Buketova

## EDUCATION AND PROFESSIONAL TRAINING

### Education

1993 graduated from the Karaganda Pedagogical Institute, Engineering and Pedagogical Faculty with a degree in Labor, Informatics and Computer Engineering;  
- 1997 - 2000 studied in full-time postgraduate study at the Institute of Organic Synthesis and Coal Chemistry of the Ministry of Education and Science of the Republic of Kazakhstan;  
- 2002 she defended her thesis for the degree of candidate of chemical sciences in the specialty 02.00.04 - Physical chemistry.  
- On December 27, 2011, he was awarded the title of Associate Professor of Pedagogy KKSON MES RK.

**Professional trainings,  
Scientific trips**

- a business trip to Bishkek, Kyrgyz Republic (2013) under the GIZ program Regional Program "Vocational Education and Training in Central Asia 1, Regional Network of Teacher Training".

**SKILLS DEVELOPMENT  
INFORMATION**

- Advanced training courses "Modern problems of theory and history of culture" Buketov (2008);
- Programs for advanced training and professional competence of teachers in the field of technical and vocational education of the Republic of Kazakhstan at the rate: "Management in the system of technical and vocational education" (2010);
- Courses of the seminar "Electronic government and electronic services" with the support of the Ministry of Communications and Information of the Republic of Kazakhstan (2011);
- Advanced training courses on the topic: "Modern approaches to the organization of educational work in a technical university for the 2012-2013 academic year" KSTU (2013);
- Refresher courses under the GIZ program Regional Program "Vocational Education and Training in Central Asia 1, Regional Network of Teacher Training" Bishkek, Kyrgyz Republic (2013);
- Courses of a training seminar on engineering pedagogy at the Interbranch Center for the training and retraining of technical and engineering-pedagogical personnel at KSTU (2015);
- "Zamanaoui pedagogicaly tekhnologar" ZhOO pedagogicaly mamandyuktar okytushylarynyk biliktigin arttyru kurstarynyk bilim I take baramdarlamasy Almaty, JSC "National Center for Advanced Studies" Orleu". (2016);
- Courses of the training seminar "Innovative technologies in the educational activities of KSTU", KSTU CIP (2016);
- "Management in education" within the framework of the project "Training by domestic and foreign specialists in pedagogical specialties on the basis of the best international standards in the field of management and training", KSTU, TsIP (2017);
- Advanced training courses: "Planning the strategic development of the university", TsIP KSTU (2018);
- Training under the program: "Methodological support of the process of inclusive education", Moscow (2019);
- Advanced training courses "Virtual group training using Skype-technologies. Experience of using the Cisco Webex platform in the educational environment" KSTU CIP (2020).
- courses of guest lectures "Intensive learning: technologies for organizing the educational process", candidate of pedagogical sciences, associate professor of the Belarusian State Pedagogical University named after. Maxima Tanka I.V. Shestitko, Republic of Belarus (2021);
- course of guest lectures "Chemistry of heterocycles and medicinal chemistry" by Doctor of Chemical Sciences, Professor of Moscow State University. Lomonosov Babaev Evgeniy Veniaminovich, Moscow (2022);
- course of planning and integration of CLIL technology in the education system of the Republic of Kazakhstan. KazNPU named after. Abaya (2022);
- advanced training course "Development of competencies of university teachers in organizing distance and online learning", KarU named after E.A. Buketova (2023).

**PERSONNEL QUALITIES**

**Native language** Russian

LANGUAGE	UNDERSTANDING		SPEAKING		WRITING
	Hearing	Reading	Oral speech		
Kazakh	base	base	base	base	base

**LANGUAGE CERTIFICATE: NO****English**

base

base

base

base

base

**LANGUAGE CERTIFICATE: NO****Digital skills**

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

**Other skills (hobbies)**

reading, music, travel, gardening and horticulture, car enthusiast.

**ADDITIONAL INFORMATION**

The list of published scientific and educational works includes more than 150 publications, including: textbooks

1. Salalıq materialtanu zhəne konstrukly materialdar technologies (2010);
2. Zhalpy tekhnalyk zhane arnayı ponderdi ogytu adistemesi (2010);
3. Kusibi pedagogy of psychology dister (2015);
4. Kasiptik ogytu adistemesi (2015);
5. Kusiptik bilim berudegi kusipkerlik zhune pedagogical management (2016);
6. Pedagogical mamandyka kirispe (2017);
7. Kazirgi zamanıy Ondiris tekhnologaly (2017);
8. Onushylardyk beyindik onuyn Kyymdastyru (2018);
9. Implementation of the project-based teaching method (2019);
10. Ondiristik ogytu adistemesi (2020);
11. Enbektı gylımy yimdastyru (2021).

**Main publications**

Monographs:

12. Methodology of the competence-based approach in education // Competence-based approach in education: a collective monograph. Edited by A. Yu. Nagornov. - Ulyanovsk: Zebra, 2016. -- 339 p. (co-authored);
13. Professional education in the context of regional development // Ed. Yu.E. Shabalina. - Moscow: Education 3000, 2013. - 126 p. (In co-authorship);
12. Bolashak pedagogues kusibi baadar take zhumysyn atkizuge dayarlaw monograph - Karagandy: KarMTU, 2019. - 88 bet.; (co-authored);
14. Criteria assessment as a new pedagogical technology in higher education // Higher education: problems and transformations collective monograph / ed. A.Yu. Nagornova. - Ulyanovsk: Zebra, 2019.-489 p. (co-authored);
15. Catalytic hydrogenation of anthracene on modified iron sulfide catalysts // JOURNAL: PETROLEUM CHEMISTRY Founders: Pleiades Publishing, Ltd. (Pleades Publishing, Ltd.) (Road Town) ISSN: 0965-5441 eISSN: 1531-8532 Volume: 41 Number: 1 Year: 2001 Pages: 26-29;
16. "Synergetic paradigm of personality development of a specialist in the educational process // Journal of Talent Development and Excellence. Saudi Arabia (2020);
17. Language as a means of forming socio-cultural competence among students of a technical university // The American scholarly journal Cross-Cultural Studies: Education and Science (CCS & ES) ISSN-2470-1262 is both moderated and refereed. 2020, S. 46-52.
18. Synthesis and investigation of the derivatives of quinine alkaloid as potential inhibitors of the main protease SARS-COV-2 Mpro. Chem.J. Kaz., 2023, 1(81), 5-14. (In Kaz.).

The number of published scientific and educational-methodical works - more than 150, of which:

- in journals based on Scopus - 1;
- in editions recommended by KOKSON MES RK - 16;
- in publications located in the RSCI-15 database;
- monographs (co-authored) - 4;
- teaching aids - 11;
- electronic textbooks (co-authored) - 15.

Scopus Hirsch Index - 1.

The Hirsch index according to the RSCI base is 2.

### Participation in the implementation of scientific projects

2012-2013 work on the project of the Interregional Center for Advanced Training of Teachers of the TVE system (performer).

### Membership in professional scientific organizations

- Expert of JSC "Science Foundation" (2017)
- Expert of JSC National Center for State Scientific and Technical Expertise (2014, 2017);
- Member of the RIO KSTU (2017 - 2021).

#### **Awarded with letters of gratitude:**

- was awarded a letter of gratitude from the rector of KSTU for active participation in the international symposium "Information and communication technologies in industry, education and science" (2012);
- was awarded a letter of thanks from the rector of KSTU for active participation in the exhibition "Talapker 2013 Applicant" (2013);
- Awarded with a diploma from the rector of KSTU for active participation in the V Saginov readings "Science and education - the leading factors of the Strategy" Kazakhstan-2050 "(2013);
- a letter of gratitude from the General Director of JSC "Republican Scientific and Methodological Center for the Development of Technical and Vocational Education and Qualification" O. Kuspekov for the creative approach and professional skills in training teachers of special disciplines and masters of industrial training (2014);
- was awarded a letter of thanks from the rector of KSTU for a responsible and conscientious attitude to work (2015)
- was awarded a certificate of gratitude from the rector of KSTU for honest and conscientious work (2017);
- was awarded a letter of thanks from the vice-rector for educational work of KSTU for her great contribution to the education of young people (2017);
- was awarded a certificate of gratitude from the rector of KSTU for her great personal contribution to the preparation of winners of the Republican student conference "The contribution of youth science to the implementation of the Strategy" Kazakhstan - 2050 "(2018); (2019); (2020);
- was awarded a letter of gratitude from the rector of KSTU for active participation in the International Scientific and Practical Conference "Integration of Science, Education and Production - the Basis for the Implementation of the Plan of the Nation" (Saginovsky Readings No. 11) (2019);
- Board of honor "Masters of Pedagogical Art" (KSTU) from 2010 - 2021.

### Awards and titles

### Courses

- 1 Methods of teaching chemistry;
2. Organization of planning of scientific research in the field of chemical sciences;
3. Innovative technologies in organizing the educational process at school;
4. Organization of project activities for schoolchildren.

**Professional and scientific interests**

- Actual problems of higher education;
- Training of competitive specialists in the field of vocational education.

**SCIENTIFIC DATABASES IDENTIFIERS**

---

**RSCI: 5803 -4306**

**Author ID Scopus: [33296564](#)**