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Dr. of Pedagogical Sciences, Department of
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Professional experience :

September 2012 –Dr. of Pedagogical Sciences,
professor of L.N. Gumilyov Eurasian National
University, Department of general and theoretical
physics.

1976 – 1980 – physics teacher in SSH s.
Znamenka Zhanasemeyskdistrict, Semipalatinsk
region.

1980 – 2005 – teacher, senior teacher and docent
in the Department of Physics, Shakarim State
University of Semey.

2005 – 2011 –docent in the Department of
Physics and Informatics, Kazakh humanitarian-
low innovative university, and director of the
center of postgraduate education.

November 2011 – August 2012 – Director of the
center of high and postgraduate education,
National Academy of education named after Y.
Altynsarin.

Awards:

1. Breastplate, Corresponding Member of the
Russian Academy of Natural History No. 6160.
2. Medal Honored Worker of Science and
Education of the Russian Academy of Natural
History.

Academic degree: Candidate of pedagogical sciences,
Academic rank: Associate Professor in Physics - DC No.
0000905

Academic degree: Doctor of pedagogical sciences,
Academic rank: Professor on specialty - 13.00.02, PR
No.0000153

Scientific interests:

Theory and Methods of Physics: Problems of Natural Education
and the Implementation of Innovative Approaches in Teaching
Physics

Scientific Grants:

1. GPFIR Project: the project – “Scientific-pedagogical
foundation of innovative culture formation of students in the
integration context into the global educational space” - 2017-
2020.
2. Project: “Математическое моделирование прогнози-
рования экономических процессов” - 2017 – 2020.
3. VNS fund research: “Mathematical models and algorithms
for spectral analysis of signals and images on the basis of
orthogonal and wavelet transformations” - 2012-2014.
4. VNSfund research in the field of natural science:
“Investigation of dark energy cosmology on the basis of
modified and generalized theories of gravity, scalar and
fermion networks” - 2015-2017.
5. MES RK Grant finance Project: “Modelling and
development of the information and didactic system in the
context of the globalization of education” Contract copy No.
139 from 04.02.2014 and the list of executers, 2012-2014.
6. “Problems of nonlinear theories of gravitational and strong
interactions and cosmological application”, Senior researcher -
2015-2017. (contract No. 201 from 03.03.2017)

Monographies:

- Технологическое проектирование учебного процесса по
физике Алматы: TOO International Subscription Agency.-
2011.-306 p. 19,125 п.л.
- Проектирование технологических карт в учебном
процессе Astana: Мастер ПО ЖШС.2012.-112 p. 8,2 п.л
- Методические особенности преподавания физики в для
технических специальностей. Astana: Polygraphy Free
Flight.– 2016. -333p.
- Методическая система преподавания физики и ИТ –
дисциплин в условиях интеграции образования. Astana:
Polygraphy Free Flight. – 2016. - 333 p.

Books, teaching guides:

- «Физика» **тербелістер мен толқындар** (оқу-әдістемелік
кұралы). Astana: «Мастер ПО» ЖШС, 2013.- p. 96.
- Физические основы механики (методические разработки
к самостоятельной работе студентов технических
специальностей). Astana: «Мастер ПО» ЖШС, 2013.- p.
196.
- Методика преподавания физики. Semey: Typography
«Тенгри» 2013.- 132,8 p.
- Физиканы қайталайық. Semey: Typography «Тенгри»
2013.- 142,2 p
- Физикадан сыныптан тыс жұмыстар. Astana: Polygraphy
Extrapress Co.- 2014.- 133 p.
- Физикадан тест тапсырмалары. Astana: Polygraphy
Extrapress Co.- 2015.- 163 p.
- **Laboratory work on physics courses. Kөkshetau:**
SvetoCopy baspasy. – 2016. – 60 b.

- Физиканы оқытудың компьютерлік әдістері. Алматы: Polygraphy Extrapress Co.- 2016.- 173 p.

- «Физика» (ЖОО оқу орындарына түсетін талапкерлерге арналған оқулық)

-Technological Activities of a Teacher. The Strategies of Modern Science Development107-112Science Book Publishing HouseYelm, WA, USA-2013;

-Fundamentals of information technology. 3rd International scientific conference “European Applied Sciences: modern approaches in scientific researches” 20-21 May 2013Volume , s. 70 -73Stuttgart, Germany – 2013;

-Research on Damped Oscillations in Oscillatory Circuits by Means of Co-Operating with Students. Middle-East Journal of Scientific Research (MEJSR) – 2013, s.121 – 129;

-Basic Methods for Logic Examples Solution. Middle-East Journal of Scientific Research (MEJSR) – 2013, s.200 – 205;

- Application of Modeling Technologies in Educational Profress in High School. Middle-East Journal of Scientific Research (MEJSR) – 2013,s. 275-279;

- Information technology on the study of mathematics bachelors nonmathematical specialties. Life Science Journal 2014; 11(6s) [http:// 333-336www.lifesciencesite.com](http://333-336www.lifesciencesite.com)

- Approximate Solutions of Boundary-Value Problems in Multidimensional Cases. World Applied Sciences Journal 30 Management, Economics, Technology & Tourism) 2014. s.120-127;

- Production technology of flavors. Life Science Journal – Acta Zhengzhou University Overseas Edition. M Arslan Press POBox 180432 Richmond Hill,NewYork 11418, USA (Life Sci J) (Monthly since 2014)Life Science Journal:Introduction: ISSN: 1097-8135; Impact Factor 2012:0,165Life Science Journal 2014; 11(6s) [http:// 439-441; www.lifesciencesite.com](http://439-441;www.lifesciencesite.com)

- Results of the Pedagogical Experiment for Determination of Forming of the Basic Knowledge in Mathematics’. Indian Journal of Science and Technology, Vol 8 (13). 59959, July 2015 ISSN (Print): 0974-6846ISSN (Online): 0974-45;-

- Experimental studies of rotary motion technology with IT. INTERNATIONAL JOURNAL OF ACADEMIC RESEARCH, Vol 7, No.2 Varch2015 ISSN: 2075-4124E-ISSN: 2075-7107. An international journal, S.563-569, 2015;

-Research rotational motion of IT technologies. WULFENIA JOURNAL KLAGENFURT AUSTRIA ISS:1561-882X, Vol. 22, No.9; Sep 2015.- S. 261-269;

-Determining factor fluid viscosity through information technology. WALLA journal 32(1): 19-28, 2016 Available online at ISSN 1026-3861. Dec 2016.- S. 19-28; www.Waliaj.com

- Monitoring software modeling. WALLA journal 32(1): 13-18,2016 Available online at ISSN 1026-3861 Dec 2016.- S. 13-18 ;www.Waliaj.com

- Outcome of the special problems of plant science related discipline and methods of teaching physical - matematcheskih problems with logical tasks. WULFENIA JOURNAL KLAGENFURT AUSTRIA ISSN:2350-0530(O), Vol. 23, No.12; Dec 2016.- S. 58-68;

- Exact Jackson-Stechkin inequality in $L_2(R^2, e^{-x^2-y^2})$. WALLA journal 32(S1): 1-5, 2016 Available online at ISSN 1026-3861. 2016.s. 1-5; www.Waliaj.com

Resistance measurement by applying it Wheatstone bridge. WALLA journal 32(1): 10-12, 2016 Available online at ISSN 1026-3861. 2016.s. 10-12; www.Waliaj.com-

-.Methods of the decision Logicheski problems. WALLA

journal 32(S1): 24-27,2016 Available online at ISSN 1026-3861 Dec 2016.- S. 24-27; www.Waliaj.com

- New teaching mathematics teaching effectiveness of the use of information and communication technologies'. International Journal of Research GRANTHAALAYAH <http://www.granthaalayah.com> ISSN(P)-2394-3679. 2017.s. 214-229;

- Information technology on the study of mathematics bachelors nonmathematical specialties // Life Science Journal 2014; 11(6s) [http:// 333-336](http://333-336) www.lifesciencesite.com 2014 (coавт. A.A.Kulzhumiyeva, Zh.K.Ermekova, A.B.Zhanysova, J.M.Sadikova, A.K.Baydabekov)

- Approximate Solutions of Boundary-Value Problems in Multidimensional Cases // World Applied Sciences Journal 30 (Management, Economics, Technology & Tourism) 2014. s.120-127 (coавт. A.B.Zhanysova, S.B.Tuyakbaeva, Zh.K.Ermekova, E.A.Akzhigitov)

- Production technology of flavors // Life Science Journal – Acta Zhengzhou University Overseas Edition. M Arslan Press POBox 180432 Richmond Hill, New York 11418, USA (Life Sci J) (Monthly since 2014) Life Science Journal: Introduction: ISSN: 1097-8135; Impact Factor 2012:0,165 Life Science Journal 2014; 11(6s) [http:// 439-441](http://439-441); Impact Factor 2012:0,165 www.lifesciencesite.com (coавт. G.E. Esirkepov, A.B.Zhanysova, R.B.Tleulesov)

- Results of the Pedagogical Experiment for Determination of Forming of the Basic Knowledge in Mathematics // Indian Journal of Science and Technology, Vol 8 (13). 59959, July 2015 ISSN (Print): 0974-6846 ISSN (Online): 0974(A.B.Zhanysova) (co-author)