Scientific degree and title (MES RK**):** Candidate of Physical and Mathematical Sciences, Associate Professor of Mathematics MES RK.

Specialty: "01.01.05 -Theory of probability and mathematical statistics"

Science school is school of Professor, Doctor of Physical and Mathematical sciences Vasilii Voinov.

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Scientific interests:
Mathematical statistics, modeling of probabilistic processes in the Matlab system.

Scientific grants (for the last 5 years, participation in the implementation of scientific projects):

2018-2020 - "AP05135819 Economic and Mathematical Model for Improving the Competitiveness of Small Agricultural Formations in the Conditions of Sustainable Development of the Agro-Industrial Complex"

More than 140 scientific articles, the main results of which are published in scientific journals and materials of international scientific conferences..

Professional experience:
Total experience is 22 years 3 months

Experience in the field of education and science:

From January 2000 to February 2006 - Researcher at the Institute of Mathematics, MES RK.

From February 2006 to the present - Associate Professor of the Department of Fundamental Mathematics of Gumilyov ENU.

Scientific works (favorites):

1. Ayman, Iskakova. Construction of the most suitable unbiased estimatedistortions of radiation processes from remote sensing data// Journal of Physics: Conference Series. – 2014. – Vol.490. – Iss. I. Article number *012113*.
2. Iskakova A. Modeling unbiased estimators with good asymptotic properties for the sum of multivariate discrete independent random variables // Proc. Of the Eventh Inyer.Conf Computer Data Analisis and Modeling: Theoretical and Applied Stochastics. –Minsk: Publishing center of BSU, 2016. – P. 164-166.
3. Ayman, Iskakova. Statistical Research for Probabilistic Model of Distortions of Remote Sensing //5th International Conference on Mathematical Modeling in Physical Sciences 2016: J. Phys.: Conf. Ser. 738 (2016) 012004 doi:10.1088/1742-6596/738/1/012004, IOP Publishing, 2016. P. 1-8.
4. Iskakova A., Zhaxybayeva G. Maximum likelihood estimates of some probability model of discrete distributions// Bulletin of the Karaganda University. MATHEMATICS Series № 1(89)/2018. P. 61-69.
5. FB Zhaksygali, AS Iskakova, SK Burgumbayeva, K Zhunussov. Probabilistic model of error distribution for satellite navigation //AIP Conference Proceedings. – AIP Publishing LLC, 2019. – T. 2174. – №. 1. – C. 020193.

Awards:

The best teacher of the University of Kazakhstan in 2015

Holder of the badge "Honorary Worker of Education of the Republic of Kazakhstan", 2020

Author's courses:
" Unbiased estimation in mathematical statistics" (M),
" Mathematical methods of hypothesis testing " (M)
" Selected Chapters of Probability Theory"(B)

Readable courses
"Theory of Probability and Mathematical Statistics " (B),
"Economic-mathematical modeling" (B),
"Linear programming and theory of games"(B)
" Unbiased estimation in mathematical statistics" (M),
" Mathematical methods of hypothesis testing " (M)