

full name	<i>Kakimov Ulan Kadyrhanuly</i>		
position	<i>Head of Department, Associate Professor</i>		
Academic career	<i>Initial academic appointment</i>	<i>MMI</i>	<i>2004</i>
	<i>Habilitation [German doctoral qualification] (subject)</i>	<i>MMI</i>	<i>2022</i>
	<i>Doctorate degree (Pressure treatment technologies and machines)</i>	<i>Candidate of Technical Sciences.</i>	<i>2007</i>
	<i>Bachelor's degree (Metallurgical Machinery and Equipment)</i>	<i>Master of Metallurgy</i>	<i>2012</i>
		<i>Candidate of Technical Sciences</i>	
Employment	<i>Head of Department</i>	<i>Satbayev University</i>	<i>2021-2022</i>
Research and development projects over the past 5 years	-		
Industry cooperation over the past 5 years	-		
Patents and property rights	<i>Copyright certificate "Rolling Mill"</i>		<i>2006</i>
Important publications over the last 5 years	<i>Selected recent publications from a total of approx. (7):</i> <i>Kuandykov T., Nauryzbayeva D., Yelemessov K., Karmanov T., Kakimov U., Kolga A.</i> <i>Development and justification of a hydro-impulse method for increasing ore permeability in conditions of uranium borehole production</i> <i>News of the National Academy of Sciences of the Republic of Kazakhstan, Series of Geology and Technical Sciences</i>		
Activities in specialized bodies over the past 5 years	<i>Center for International Programs</i>	<i>Member of the independent commission</i>	<i>2019-2022</i>

full name	<i>Smagulov Dauletkhan Uyalovich</i>		
position	<i>Professor</i>		
Academic career	<i>Assistant</i>	Satbayev	1975
	<i>Docent</i>	University	1987
	<i>Doctor of Technical Sciences</i>	Satbayev	2000
		University	
	<i>Professor)</i>	Satbayev	2002
		University	
Employment	Teacher	Satbayev University	From 1975 to the present
Research and development projects over the past 5 years	<p>1. <i>Scientific and technical project on grant financing, topic No. 747.MON.GF.12.18 - "Creation of nanostructured organic, polymer solar cells (Solar Cells) for the conversion of solar energy into electrical energy".</i></p> <p>2. <i>Scientific and technical project on grant financing, topic No. 747.MON.GF.12.17 - "Development of theoretical foundations for the creation of new promising alloys and functional materials with a given level of properties".</i></p> <p>3. <i>Topic No. 740 MON.11 - "Development of technology for the production of organic photoelements and nanocomposite materials based on carbon nanotubes".</i></p> <p>4. <i>Commercialization Project No. 100-GC-16 - "Creation of pilot production of innovative aluminum alloys from domestic raw materials and finished products from them with nanostructured protective ceramic coating", 2017-2019.</i></p>		
Industry cooperation over the past 5 years	<p><i>Commercialization Project No. 100-GC-16 - "Creation of pilot production of innovative aluminum alloys from domestic raw materials and finished products from them with nanostructured protective ceramic coating", 2017-2019.</i></p> <p><i>Mechanics LLC - NUST MISIS (Russia); Alakol Plant LLP (Kazakhstan).</i></p>		
Patents and property rights	<i>Heat-resistant aluminum alloy and a method for obtaining deformed semi-finished products from it</i>	<i>Application for a patent of the Republic of Kazakhstan. No. 2020/042.2020</i>	
Important publications over the last 5 years	<p><i>Selected recent publications from the total. (specify the total number): more than 175 scientific papers</i></p> <p><i>Akhmetova, D.U. Smagulov. Computerized procedures for quantitative image processing of pipe steel structures., Steel, 55-59, 2019.</i></p> <p><i>Akhmetova G. E., Kozha E., Vyatkina A. K., Smagulov D. U. The effect of electrolyte-plasma treatment on the structure of 45G steel.. Metallurgy and Heat Treatment of Metals, No. 11 (773), November 2019.</i></p> <p><i>A.V. Kudrya, E. A. Sokolovskaya, V. Yu. Perezhogin, D.Yu. Smagulov, Measurement of characteristics of banded microstructure in sheet steels. Metallurg 62 (11-12), 1225-1231, 2019.</i></p> <p><i>Aliya Amenova, Dauletkhan Smagulov. Quantitative analysis of the phase diagram of Al - Ni - Fe - Mn - Zr - Si as the basis of heat-resistant</i></p>		

	<p><i>cast aluminum alloys of a new generation. IX International Scientific and Practical Conference "News of scientific progress - 2013". Bial GRAD-BG (Sofia, Bulgaria). ISBN 978-966-8736-05-6.</i></p> <p><i>Aliya Amenova, Nikolay Belov, Dauletkhan Smagulov, Ainagul Toleuova. A scientifically based choice of heat-resistant cast aluminum alloys of a new generation. 2013 2nd International Conference on Advanced Materials Design and Mechanics. Kuala Lumpur, Malaysia. International Journal of Applied Mechanics and Materials [ISSN:1660-9336, Trans Tech Publications]. Indexing: EI Compendex, Scopus, Cambridge Scientific Abstracts, Google Scholar.</i></p> <p><i>Amenova A.A., Smagulov D.U., Dostaeva A.M. - Optimization of the composition of new industrial economically alloyed heat-resistant aluminum alloys. IX International Scientific and Practical Conference "Modern scientific achievements–2013". Publishing house "Education and Science" s.r.o. (Czech Republic, Prague).</i></p> <p><i>Amenova A.A., Belov N.A., Smagulov D.U. Computational analysis of the effect of iron, manganese and silicon on the nonequilibrium crystallization of aluminum alloys containing 2% nickel. Journal of Metal Science and Heat treatment of Metals, Russia, Moscow. Journal of Metal Science and Heat Treatment, Springer Publishing House.</i></p> <p><i>Zharkynai Kuanyshbekova, Dauletkhan Smagulov, Anyar Zahidov. Lightweight dye-sensitized solar cells with charge collectors made of doped carbon nanotubes. The Second International Symposium on Nanotechnology, Energy and Space, Chernogolovka, Moscow Region, Russia, August 3-5, 2011.</i></p>
<p>Activities in specialized bodies over the past 5 years</p>	<p><i>Member of the Dissertation Council for the defense of doctoral dissertations</i></p> <p><i>Deputy Chairman for the last 10 years</i></p>

full name	<i>Baytimbetova Bagila Abdisamatovna</i>		
position	<i>associate professor</i>		
Academic career	<i>Initial academic appointment</i>	KazNU named	1996r
	<i>Habilitation [German doctoral qualification] (subject)</i>	after al-Farabi,	.
	<i>Doctoral degree (Condensed Matter Physics)</i>	Candidate of Physical and	2007
	<i>Academic title of DCNo.0000135, 18.04.2016</i>	Mathematical Sciences	
	<i>Education (Physicist. Physics teacher)</i>	Associate Professor	2016 1997
Employment	Associate Professor	Satbayev University	<i>from 2005 to the present</i>
Research and development projects over the past 5 years	Leading researcher under the PCF program Development of scientific foundations for the creation of new nanomaterials and methods of their analysis for obtaining films with specified useful properties of the RK" (PCF BR05236404) for the period 2018-2020		
Industry cooperation over the past 5 years	-		
Patents and property rights	<i>Copyright certificate”</i>		2013/0559.1
	<i>Method of obtaining graphene”</i>		
	<i>Author's certificate “Method of obtaining carbon nanostructures by magnetron reactive sputtering of graphite in sublimated vapors of aromatic hydrocarbons”</i>		2013/0803.1
Important publications over the last 5 years	<p><i>Selected recent publications from the total (10):</i> <i>Baitimbetova B.A., Vermenichev B. M., Ryabikin Yu. A., Mansurov Z. A., Abdikasova A. A. Study of graphene formed in the atmosphere of vapors of aromatic hydrocarbons . Russian Physics Journal, Vol. 58, No. 3, July, 2015 (Russian Original No. 3, March, 2015), pp.394-398 DOI 10.1007/s11182-015-0513- x. (ISI Web of Knowledge, Thomson Reuters, IF 0, 671)</i> <i>Baitimbetova B.A., Vermenichev B. M. New method for producing graphene by magnetron of discharge in an atmosphere of aromatic hydrocarbons. Graphene. -No.4. -2015. -p.38-44</i> http://dx.doi.org/10.4236/graphene.2015.42004 <i>ISSN Print: 2169-3439</i> <i>ISSN Online: 2169-3471.</i> <i>Google-based Impact Factor: 2,05</i> <i>Baitimbetova B.A. Study of paramagnetic properties of graphene structures obtained by the influence of ultrasound on pure graphite in organic reagents 2020, 2 2021// Russian physics journal . ISI Web of Knowledge, Thomson Reuters, IF 0, 67)</i> <i>Ryabikin Yu.A., Baytimbetova B.A., Lebedev I.A., Serikkanov A.S. Studying the dependence of the EPR signal parameters of a carbon film on quartz, glass and silicon substrates with their different orientation relative to the magnetic field // Journal of the Ministry of Education and Science of the</i></p>		

	<p><i>Republic of Kazakhstan. Gorenje and плазмохимия.</i> – 2019. –№17. – С. 184-188. IF=0.093 http://cpc.icp.kz/index.php/cpc/issue/view/34 D O Murzalinov, A A Shaiknova, A G Umirzakov, A I Fedosimova*, B A Baitimbetova, Increasing the photoluminescence intensity of silicon nitride by forming K and N radioactive centres Journal of Physics: Conference Series 2155 (2022) 012008 IOP Publishing doi:10.1088/1742-6596/2155/1/012008</p>
Activities in specialized bodies over the past 5 years	-

full name	<i>Азам Сейтхан</i>		
position	<i>Профессор</i>		
Academic career	– Bachelor's degree Master's degree Doctoral studies Associate Professor,	Faculty of Chemistry and Chemical Technology, Department of Chemical Physics and Materials Science. Al-Farabi Kazakh National University,	2004-2008 2008-2010 2012-2015 2019
Employment	Position	Employer	Period
	Professor	Department of Materials Science, Nanotechnology and Engineering Physics, Satbayev University	2021-22 academic year
	Scientific Editor	Of The Journal Bulletin Of Satbayev University	Since July 2021.
	Head of LIP (Laboratory of Engineering Profile)	Satbayev University.	Since March 01, 2021.
	Associate Professor	Department of "Chemical Processes and Industrial Ecology"	2020-21 academic year

	Satbayev university	
Deputy Director for Scientific and Educational Activities	Institute of Chemistry and Biological Technology, Satbayev University	From June 15, 2020 – June 15, 2021.
Acting Head of the laboratory	Laboratories of Carbon Nanomaterials and Nanotechnologies, RSE on PCV Institute of Gorenje Problems	From March 02, 2020 – June 09, 2021.
Head of Production	"SINGO" filters with replaceable cartridge for water	From January 05, 2020.
Instructor of school projects	Nazarbayev Intellectual School, Almaty	October, 2017 – May, 2019
Methodist	Republican Educational and Methodological Center of Civil Protection	June – October, 2017
Post Doctor	Nazarbayev University, School of Engineering (Environmental Science & Technology Group), Astana, Kazakhstan	November, 2015 – August 2019.
Researcher, Leading Researcher	LLP "NPTC "ZHALYN"	2012-2014
Translator (Kazakh, Russian, Chinese)	LLC "CONCERN NURZHAS", Astana, Kazakhstan	
Teacher Senior Lecturer,	Al-Farabi Kazakh National University, Faculty of Chemistry and	January, 2011

	Chemical Technology										
	<p>Leading Researcher RSE "Institute of Problems of Combustion" 2010 . – 2021</p> <p>Engineer RSE "Institute of Problems of Combustion" 01.06.2010 - 01.09.2010</p>										
Research and development projects over the past 5 years	<p>Projects</p> <p>The NATO Project:</p> <p>1. Valorization of biomass waste into High efficient materials for CBRN protection. 2019-2022 (responsible executor)</p> <p>International:</p> <p>1. Development of modified carbon materials for the sorption of toxic gases (Kazakhstan-Belgium, 2015-2017). (responsible executor)</p> <p>Kazakh:</p> <p>1. IRNAR09058425 "Development of innovative technology for obtaining premix from vegetable raw materials to improve the protein value of local feed for cattle" (GF of Young scientists 2021-2023). (head)</p> <p>2. IRN AR88857007"Synthetic magnetic composites obtained from fly ash of coal to solve water and environmental problems of mercury pollution" (GF 2020-2022); (performer)</p> <p>3. IRN OR11465430 Development of new composite and structural materials for the development of the innovation industry of the Republic of Kazakhstan (PCF out of competition of the Ministry of Education and Science of the Republic of Kazakhstan 2021-23) ; (performer)</p> <p>Commercialization:</p> <p>1. Development and production of new highly effective sorbents and filters for water purification (2017-2022). (executive officer, Head of production)</p>										
Industry cooperation over the past 5 years	<p>Development of modified carbon materials for the sorption of toxic gases (Kazakhstan-Belgium, 2015-2017). (responsible executor)</p> <p>The NATO Project:</p> <p>1. Valorization of biomass waste into High efficient materials for CBRN protection. 2019-2022 (responsible executor)</p>										
Patents and property rights	<table border="1"> <thead> <tr> <th>Name</th> <th>Year</th> </tr> </thead> <tbody> <tr> <td>Enterosorbent "Ingo-2" of plant origin.</td> <td>2015</td> </tr> <tr> <td>Method of chromatographic separation of biologically active substances.</td> <td>2015</td> </tr> <tr> <td>Methods of obtaining a composite sorbent.</td> <td>2016</td> </tr> <tr> <td>Filter with replaceable water cartridge</td> <td>2017</td> </tr> </tbody> </table>	Name	Year	Enterosorbent "Ingo-2" of plant origin.	2015	Method of chromatographic separation of biologically active substances.	2015	Methods of obtaining a composite sorbent.	2016	Filter with replaceable water cartridge	2017
Name	Year										
Enterosorbent "Ingo-2" of plant origin.	2015										
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Methods of obtaining a composite sorbent.	2016										
Filter with replaceable water cartridge	2017										

	<p>Method for obtaining high-purity amorphous silicon dioxide from rice husks 2020</p>
<p>Important publications over the last 5 years</p>	<ol style="list-style-type: none"> 1. Heng Zhang, Hang Chena, Seytkhan Azat, Zulkhair A. Mansurov, Xueming Liua, Jide Wang, Xintai Sua, Ronglan Wu. Super adsorption capability of rhombic dodecahedral Ca-Al layered double oxides for Congo Red removal, <i>Journal of alloys and compounds</i>, <i>Journal of alloys and compound</i>. 2018. (IF:4.175). https://doi.org/10.1016/j.jallcom.2018.07.241 2. S.Azat, A.V.Korobeinyk, K.Moustakas, V.J.Inglezakis. Sustainable production of pure silica from rice husk waste in Kazakhstan, <i>Journal of cleaner production</i> (IF:7.2), https://doi.org/10.1016/j.jclepro.2019.01.142 3. Almagul R.Kerimkulova, Seitkhan Azat, Leticia Velasco, Zulkhair A. Mansurov, Peter Lodewyckx, Marat I.Tulepov, Makpal R.Kerimkulova, Inna Berezovskaya , Aldan Imangazy. Granular rice husk-based sorbents for sorption of vapors of organic and inorganic matters. <i>Journal of Chemical Technology and Metallurgy</i>,54,3,2019,pp.578-584(IF:0.6). https://dl.uctm.edu/journal/node/j2019-3/16_18-55_p_578-584.pdf 4. Askaruly, K., Azat, S., Sartova, Z., Yeleuov, M., Kerimkulova, A., & Bekseitova, K. (2020). Obtaining and characterization of amorphous silica from rice husk. <i>Journal of Chemical Technology and Metallurgy</i>, 55(1), 88–97. (IF: 0.6). 5. Azat, S., Sartova, Z., Bekseitova, K., & Askaruly, K. (2019). Extraction of high-purity silica from rice husk via hydrochloric acid leaching treatment. <i>Turkish Journal of Chemistry</i>, 43(5), 1258–1269. https://doi.org/10.3906/kim-1903-53 (IF: 1.0). 6. Azat, S., Arkhangelsky, E., Papathanasiou, T., Zorpas, A. A., Abirov, A., & Inglezakis, V. J. (2020). Synthesis of biosourced silica-Ag nanocomposites and amalgamation reaction with mercury in aqueous solutions. <i>Comptes Rendus Chimie</i>, 23(1), 77–92. https://doi.org/10.5802/crchim.19 (IF: 2.38). 7. Zhandos Tauanov, Seitkhan Azat & Aknur Baibatyrova (2020) A mini-review on coal fly ash properties, utilization and synthesis of zeolites, <i>International Journal of Coal Preparation and Utilization</i>, https://doi.org/10.1080/19392699.2020.1788545 (IF: 2.18). 8. Baimenov A, Berillo D, Azat S, Nurgozhin T, Inglezakis V. Removal of Cd²⁺ from Water by Use of Super-Macroporous Cryogels and Comparison to Commercial Adsorbents. <i>Polymers</i>. 2020; 12(10):2405. https://doi.org/10.3390/polym12102405 (IF: 3.4). 9. Sultanov F, Daulbayev C, Azat S, Kuterbekov K, Bekmyrza K, Bakbolat B, Bigaj M, Mansurov Z. Influence of Metal Oxide Particles on Bandgap of 1D Photocatalysts Based on SrTiO₃/PAN Fibers. <i>Nanomaterials</i>. 2020; 10(9):1734. https://doi.org/10.3390/nano10091734 (IF: 4.03). 10. O. Kapizov, Azat S. “Perspectives of the Silicon Dioxide Production from Rice Husk in Kazakhstan: an Overview”, <i>ECTJ</i>, vol. 22, no. 4, p. 285–293, Dec. 2020. (IF: 0.8). 11. Chingis Daulbayev, Fail Sultanov, Alina V. Korobeinyk, Mukhtar Yeleuov, Seitkhan Azat, Baglan Bakbolat, Arman Umirzakov, Zulkhair Mansurov, Bio-waste-derived few-layered graphene/SrTiO₃/PAN as efficient photocatalytic system for water splitting, <i>Applied Surface Science</i>, Volume 549, 2021,149176, ISSN 0169-4332, https://doi.org/10.1016/j.apsusc.2021.149176. (IF: 6.18). 12. Karaca, F, Kumisbek, A, Inglezakis, VJ, SeitkhanAzat et al. DiMIZA: A dispersion modeling based impact zone assessment of mercury (Hg) emissions from coal-fired power plants and risk evaluation for inhalation exposure. <i>EngineeringReports</i>. 2020; e12357. https://doi.org/10.1002/eng2.12357.

	<p>13. Vassilis J. Inglezakis, Seitkhan Azat, Zhandos Tauanov, Sergey V. Mikhailovsky, Functionalization of biosourced silica and surface reactions with mercury in aqueous solutions, <i>Chemical Engineering Journal</i>, 2021, ISSN 1385-8947, https://doi.org/10.1016/j.cej.2021.129745 (IF: 10.652). .</p> <p>14. Beisenbayeva, Massymzhan, Ainur Seilkhan, Dossymbek Sydyk, Aigul Zhapparova, Sagynbai Kaldybayev, Seitkhan Azat, and Zhandos Bassygarayev. "Soybean productivity as influenced by irrigation regime and fertilizer rates in the South Kazakhstan conditions." <i>Research on Crops</i> 22, no. 3 (2021): 526-535.</p> <p>15. Toshtay, K., Auyezov, A., Korkembay, Z., Toktassynov, S., Seytkhan, A., & Nurakyshev, A. (2021). <i>Partial hydrogenation of sunflower oil on platinum catalysts: Influence of process conditions on the mass content of geometric isomers. Molecular Catalysis</i>, 513, 111819. doi:10.1016/j.mcat.2021.111819</p>						
<p>Activities in specialized bodies over the past 5 years</p>	<table border="0"> <thead> <tr> <th data-bbox="507 629 874 658">Organization</th> <th data-bbox="874 629 1171 658">Role</th> <th data-bbox="1171 629 1458 658">Period</th> </tr> </thead> <tbody> <tr> <td colspan="3" data-bbox="507 719 1458 1012"> <p>Membership:</p> <p>- Member of the editorial board of Nanotechnology and nanomaterials research. ISSN-885X. https://www.scholarsliterature.com/journals/nanotechnology-and-nanomaterials-research/editorial-board</p> <p>- - member of the editorial board of the Bulletin of Satbayev University, ISO 2709-4766 (Online), ISSN 2709-4758 (Print). https://vestnik.satbayev.university/index.php/journal/editorialteam</p> <p>- Member of the Academic Council of A.Baitursynuly Education academy. No. 022.</p> </td> </tr> </tbody> </table>	Organization	Role	Period	<p>Membership:</p> <p>- Member of the editorial board of Nanotechnology and nanomaterials research. ISSN-885X. https://www.scholarsliterature.com/journals/nanotechnology-and-nanomaterials-research/editorial-board</p> <p>- - member of the editorial board of the Bulletin of Satbayev University, ISO 2709-4766 (Online), ISSN 2709-4758 (Print). https://vestnik.satbayev.university/index.php/journal/editorialteam</p> <p>- Member of the Academic Council of A.Baitursynuly Education academy. No. 022.</p>		
Organization	Role	Period					
<p>Membership:</p> <p>- Member of the editorial board of Nanotechnology and nanomaterials research. ISSN-885X. https://www.scholarsliterature.com/journals/nanotechnology-and-nanomaterials-research/editorial-board</p> <p>- - member of the editorial board of the Bulletin of Satbayev University, ISO 2709-4766 (Online), ISSN 2709-4758 (Print). https://vestnik.satbayev.university/index.php/journal/editorialteam</p> <p>- Member of the Academic Council of A.Baitursynuly Education academy. No. 022.</p>							

full name	<i>Telesheva Assel Bolatovna</i>		
position	Lecturer, <i>PhD</i>		
Academic career	<i>Initial academic appointment Bachelor of Engineering and Technology</i>	<i>Satbayev university</i>	<i>year 2005 – 2009</i>
	<i>Master of Technical Sciences</i>	<i>Satbayev university</i>	<i>2010-2012</i>
	<i>PhD student</i>	<i>Satbayev university</i>	<i>2012-2015</i>
Employment	<i>assistant</i>	<i>Satbayev university</i>	<i>2013 – Until now</i>
Research and development projects over the past 5 years	-		
Industry cooperation over the past 5 years	-		
Patents and property rights	-		
Important publications over the last 5 years	<p>Method of calculation of corrosion failure and determination of durability of load-bearing structural elements ISSN 1609-1817 Bulletin of KazNTU, Almaty, 2017, Vol. 102, No. 3, pp.19-24 B.R. Arapov K. K.Seitkazinova, G.T. Shokobaeva</p> <p>Chamber for testing steel samples in a corrosive environment of high temperature and pressure ISSN 1991-3494 Bulletin of the National Academy of Sciences of the Republic of Kazakhstan 2017, Vol. 5, No. 369, pp.87-93 B.R. Arapov, K.K.Seitkazinova G.T. Shokobaeva</p> <p>Mechanical properties of aluminum alloys crystalized in the centrifuge 18 International Multidisciplinary Scientific GeoConference SGEM 2018, Section Micro and Nano Technologies pp.281-286 A.S.Degtyareva, G.T.Shokobayeva, B.O.Syzdykova G.Tashkeeva</p>		
Activities in specialized bodies over the past 5 years	-		

full name	<i>Ybyraiymkul Darkhan Torekhanuly</i>		
position	<i>Assistant of the Department of Materials Science, Nanotechnology and Engineering Physics</i>		
Academic career	Master's degree (Materials science and technology of new materials)	K.I.Satpayev Kazakh National Technical University	2008-2010
	Bachelor's degree (Materials science and technology of new materials)	K.I.Satpayev Kazakh National Technical University	2004-2008
full name	Engineer of the highest qualification level	Kazakh National Technical University named after K.I.Satpayev, Department of "Metallology and Heat Treatment of Metals"	10.2010-09.2011
	Junior Researcher	Kazakh National Technical University named after K.I.Satpayev, On the topic No.747MON GF12.18 "Creation of nanostructured organic, polymer solar cells for the conversion of solar energy into electrical energy"	2011-2014
	Junior Researcher	Kazakh National Technical University named after K.I.Satpayev, On the topic No. 757.MON. GF.15RIPR.25 "Development of new theoretical methods for calculating phase transformations in metallic materials and scientifically based control systems for their	2016-2017

	phase composition, structure and properties"	
	Tutor	NAO "KazNITU named after K.I.Satpayev", Institute of Industrial Engineering, Department "SMiTMP" 14.08.2017-31.05.2018
	Engineer	NAO "KazNITU named after K.I.Satpayev", Institute of Industrial Engineering (Institute of Metallurgy and Industrial Engineering), Department of Engineering Physics 27.08.2018-31.12.2021
	Assistant	NAO "KazNITU named after K.I.Satpayev", Institute of Metallurgy and Industrial Engineering (Mining and Metallurgical Institute named after O.A.Baikonurov), Department of "Materials Science, Nanotechnology and Engineering Physics" From 01.09.2021 to the present
Research and development projects over the past 5 years	Researcher on the topic No. 100-GC-16 "Creation of pilot production of innovative aluminum alloys from domestic raw materials and finished products from them with a nanostructured protective ceramic coating", grant for commercialization of the results of scientific and (or) scientific and technical activities dated December 23, 2016 (2017-2019) JSC "Science Foundation", business partner of Alakol Plant LLP. Grant for 300,000,000 tenge.	
Industry cooperation over the past 5 years	Commercialization Project No. 100-GC-16 - "Creation of pilot production of innovative aluminum alloys from domestic raw materials and finished products from them with nanostructured protective ceramic coating", 2017-2019.	
Patents and property rights	Heat-resistant aluminum alloy and a method for obtaining deformed semi-finished products from it	Application for a patent of the Republic of Kazakhstan. No. 2020/042.2020
Important publications over the last 5 years	-	
Activities in specialized bodies over the past 5 years	-	

full name	<i>Beisenova Erkezhan Erdauletovna</i>		
position	Senior Lecturer , <i>PhD</i>		
Academic career	<i>Initial academic appointment</i>	<i>Satbayev university</i>	<i>year</i>
	<i>Bachelor of Engineering and Technology</i>		<i>2004 – 2008</i>
	<i>Master of Technical Sciences</i>	<i>Satbayev university</i>	<i>2008-2010</i>
	<i>PhD student</i>	<i>Satbayev university</i>	<i>2010-2013</i>
Employment	Senior lecturer	<i>Satbayev university</i>	<i>2019 – Until now</i>
	Researcher, engineer	<i>RSE "Institute of Nuclear Physics"</i>	<i>2010-2019</i>
Research and development projects over the past 5 years	-		
Industry cooperation over the past 5 years	-		
Patents and property rights	-		
Important publications over the last 5 years	<ol style="list-style-type: none"> 1. <i>“Fabrication of 3D porous CoTiO3 photocatalysts for hydrogen evolution application: Preparation and properties study”</i>, <i>Materials Science in Semiconductor Processing, Volume #21, (2021), 105360.</i> 2. <i>Investigation by neutron radiography of lithium distribution in a lithium-ion battery during its discharge, III International Scientific Forum “NUCLEAR SCIENCE AND TECHNOLOGIES” dedicated to the 30th anniversary of Independence of the Republic of Kazakhstan, 20-14 September 2021, p.156.</i> 		
Activities in specialized bodies over the past 5 years	-		

full name	<i>Kemelbekova Ainagul Yerzhanovna</i>		
position	<i>assistant</i>		
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>year</i>
	<i>Bachelor of Engineering and Technology</i>	<i>Kazakh National University named after. Al-Farabi</i>	<i>2010 – 2014</i>
	<i>Master of Technical Sciences</i>	<i>Kazakh National University named after. Al-Farabi</i>	<i>2014-2016</i>
	<i>PhD student</i>	<i>Satbayev university</i>	<i>2018-2021</i>
Employment	<i>Teacher</i>	<i>JSC "Academy of Civil Aviation"</i>	<i>2016 – 2019</i>
	<i>junior researcher</i>	<i>LLP "Physico-Technical Institute"</i>	<i>2019-2021</i>
	<i>assistant</i>	<i>Satbayev university</i>	<i>2019 – Until now</i>
Research and development projects over the past 5 years	<p><i>"Development of the scientific foundations for the creation of new nanomaterials and methods for their analysis to obtain films with desired useful properties of the RC" (PCF BR05236404) for the period 2018-2020.</i></p> <p><i>"Optimization of the structure of thin films for the manufacture of solar cells on a flexible substrate" (GF AP09260940) for the period 2021-2023.</i></p>		
Industry cooperation over the past 5 years	-		
Patents and property rights	-		
Important publications over the last 5 years	<p>1.Synthesis of highly dispersed forms of zinc oxide doped with rare-earth elements (review) Complex Use of Mineral Raw Materials. No. 4.2019, Almaty, pp. 12-18, ISSN 2224-5243, https://kims-imio.kz/wp-content/uploads/2019/04/%E2%84%964-2019-12-18.pdf</p> <p>2 Review of modern methods for obtaining thin ZnO:Eu films, VESTNIK KazNITU No. 6.2019, Almaty, pp. 824-829, ISSN 1680-9211</p> <p>3 Aerosol synthesis of finely dispersed YAG:Ce³⁺ phosphor with strong photoluminescence, Physics of the Solid State, October 2019, Volume 61, Issue 10, pp 1840–1845.</p> <p>4 Aerosol synthesis of highly dispersed Y₃Al₅O₁₂:Ce³⁺ phosphor with intense photoluminescence, Physics of the Solid State, 2019, vol. 61, no. 10, pp. 1184-1889.</p> <p>5Preparation of zinc oxide films doped with europium oxide by the sol-gel method, RDRZ-19, V-All-Russian conference with international participation, "V-Russian Day of Rare Earths", February 13-14, 2019, p.78.</p>		
Activities in specialized bodies over the past 5 years	-		

full name	<i>Yerbol Talshyn</i>		
position	<i>engineer</i>		
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>year</i>
	<i>Bachelor of Engineering and Technology</i>	<i>Satbayev university</i>	<i>2015 – 2019</i>
	<i>Master of Technical Sciences</i>	<i>Satbayev university</i>	<i>2019-2021</i>
Employment	<i>Teacher</i>	<i>Satbayev university</i>	<i>2021 – Until now</i>
Research and development projects over the past 5 years	-		
Industry cooperation over the past 5 years	-		
Patents and property rights	-		
Important publications over the last 5 years	-		
Activities in specialized bodies over the past 5 years	-		

full name	<i>Eshmanova Gaukhar Bauyrzhankyzy</i>		
position	<i>engineer</i>		
Academic career	<i>Initial academic appointment</i>	<i>Institution</i>	<i>year</i>
	<i>Bachelor of Engineering and Technology</i>	<i>Kazakh National University named after. Al-Farabi</i>	<i>2008 – 2012</i>
	<i>Master of Technical Sciences</i>	<i>Satbayev university</i>	<i>2013-2015</i>
	<i>PhD student</i>	<i>Satbayev university</i>	<i>2020-2023</i>
Employment	<i>Engineer</i>	<i>Satbayev university</i>	<i>2021 – Until now</i>
	<i>Laboratory technician</i>	<i>LLP “KazFerroStal”</i>	<i>2017-2019</i>
	<i>Quality Control Specialist</i>	<i>LLP “Galaxy”</i>	<i>2015-2017</i>
Research and development projects over the past 5 years	-		
Industry cooperation over the past 5 years	-		
Patents and property rights	-		
Important publications over the last 5 years	Eshmanova G.B., Smagulov D.U., Blavert K. Plasma electrolytic oxidation technology for obtaining protective coatings of aluminum alloys / KIMS. – 2021. – 2.- P. 78-93		
Activities in specialized bodies over the past 5 years	-		