



AL-FARABI KAZNU UNAI HUB ON SUSTAINABILITY

ANNUAL REPORT 2024





INTERNATIONAL DEBATES ON THE MODEL OF THE ORGANIZATION OF ISLAMIC COOPERATION

January 4, 2024

Students of the Faculty of Oriental Studies of Al-Farabi Kazakh National University participated in international debates on the model of the Organization of Islamic Cooperation in Istanbul (Turkey).



The organizer of this project is Beyoglu High School in Istanbul in partnership with the Ministry of National Education and the Ministry of Culture and Tourism of the Republic of Turkey.



By participating in this project, our students gained valuable experience, got acquainted with an international, comprehensive model of high-quality youth leadership, balanced education and proper training.

For the participants, this was a unique opportunity to gain skills in defending their opinions, argumentative position defense, develop oratorical skills, and master the basic theoretical and practical aspects of diplomacy and the OIC system in Arabic. They will be able to apply this valuable knowledge and skills later by participating in international projects, diplomatic relations in real time, as well as in discussing important topics on the OIC agenda.



EXCHANGE OF EXPERIENCE BETWEEN SCIENTISTS OF AL-FARABI KAZNU AND JIAOTONG UNIVERSITY IN XI'AN

January 5, 2024

Candidate of Phil. Sc., academician of the International Eurasian Academy of Television and Radio Manshuk Mukasheva and Candidate of Phil. Sc., Assoc. Prof. Oryntai Oshanova exchanged views with Chinese colleagues on general scientific areas.



KazNU scientists met with teachers of the University's School of Journalism and New Media and gave lectures to students. They also discussed with the heads of the schools of journalism and new media the issues of future exchange of students, undergraduates studying at the bachelor's and master's degrees in the academic mobility program.



In addition, the parties worked out opportunities for teachers to undergo scientific internships, jointly conduct scientific research and publish scientific articles and academic papers.

Jiaotong University, which was visited by KazNU scientists by special invitation, is a unique educational institution that is part of the elite association of higher educational institutions of China with a high rating.



CHEMICAL RESEARCH AND PRODUCTION CENTER

January 15, 2024

As part of the 90th anniversary celebrations of Al-Farabi Kazakh National University, a scientific-production center called Chemical Coating Innovations has been established on the university campus. The center focuses on the production of chemical coatings for various purposes and applications.



The grand opening of the center was attended by Darkhan Ahmed-Zaki, Vice Minister of Science and Higher Education of the Republic of Kazakhstan, and Dr. Prof. Zhanseit Tuimebayev, Chairman of the Board and Rector of KazNU, along with doctoral scientists, professors, and young researchers.

This scientific-production center was established with financial support from the Science Fund of the Ministry of Science and Higher Education. Scientists at the center produce both traditional and specialized coatings for the needs of mechanical engineering, instrumentation, as well as for the souvenir and jewelry industries.

Rector Tuimebayev emphasized, "The galvanic coatings produced at KazNU extend the service life of products, benefiting both manufacturers and consumers. This is a new and effective way to protect against rust. Additionally, the new center will train technologists and operators of electrochemical production."

Dr. Alina Galiyeva, head of the Chemical Coating Innovations center, presented the new project to the attendees, stating, "In Kazakhstan, the production of electrochemical coatings is currently not in the best state. There are practically no such scientific-production centers. Electrochemical coatings are the most convenient and practical in terms of properties and cost. At our center, we have installed zinc, nickel, and copper plating lines. The total capacity of these lines allows us to produce tens of thousands of square meters of coating per year. The center plans to develop technologies for obtaining and applying coatings that protect against various aggressive environments.

The implementation of the project is based on the real demand of the industrial sector. The machine-building plant for railway automation, JSC SP "Kazelectroprivod," has ordered technologies and services for obtaining protective coatings applied according to international standards. Previously, a whole complex of electrochemical technologies was developed at Al-Farabi Kazakh National University, from which the "Technology for obtaining electrolytic coatings for various purposes" was proposed for commercialization.



JOINT CENTER OF KAZNU AND XINJIANG MEDICAL UNIVERSITY

January 18, 2024

A delegation from Xinjiang Medical University, led by Mr. Lu Chen, Director of the First Affiliated Hospital, visited Al-Farabi Kazakh National University.



Dr. Zhamila Aitzhanova, Member of the Management Board and Vice-Rector for Scientific and Innovative Activities, greeted the delegation. The dean of the Faculty of Medicine and Healthcare, Dr. Raushan Issayeva, shared insights into the faculty's activities, emphasizing its openness to collaboration and integration with colleagues from China and the implementation of innovations for the benefit of the health and quality of life of Kazakhstanis. Mr. Lu Chen proposed the establishment of a joint specialized medical center in nephrology. He also expressed readiness to support the provision of necessary equipment to advance the work of small-scale production of innovative products based on plant materials at the Research Center for Medicinal Plants.

The parties also discussed prospects for staff and faculty exchange programs, professional development courses for faculty members, academic meetings, symposiums, and other issues.

EXPANDING PARTNERSHIP WITH EUROPEAN UNIVERSITIES

January 18, 2024

A delegation from the Free University of Berlin, led by Tobias Studemann, Director of the Eastern European Office, paid a special visit to Al-Farabi Kazakh National University.

Dr. Zhamila Aitzhanova, Member of the Management Board and Vice-Rector for Scientific and Innovative Activities of the university, hosted a meeting with the distinguished guests. The parties exchanged views on further strengthening their partnership.



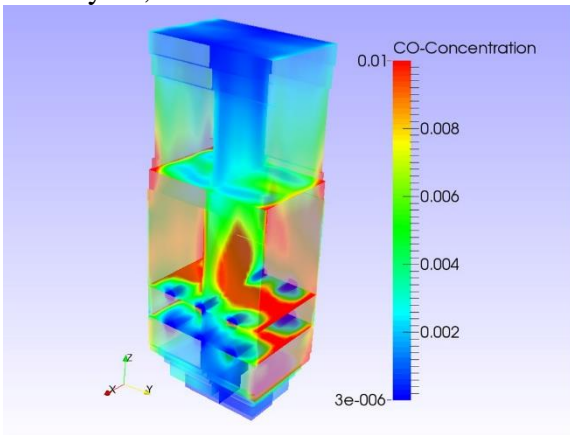
The Vice-Rector highlighted the dynamically developing cooperation between KazNU and German universities and acquainted the delegation with the activities and achievements of the higher education institution. In the current academic year, 40 professors from KazNU visited Germany for research purposes, while 37 students underwent internships. Currently, the university has ties with 15 universities in Germany.

In turn, Tobias Studemann, Director of the Eastern European Office, expressed gratitude to the university leadership and expressed a desire to continue enhancing cooperation.



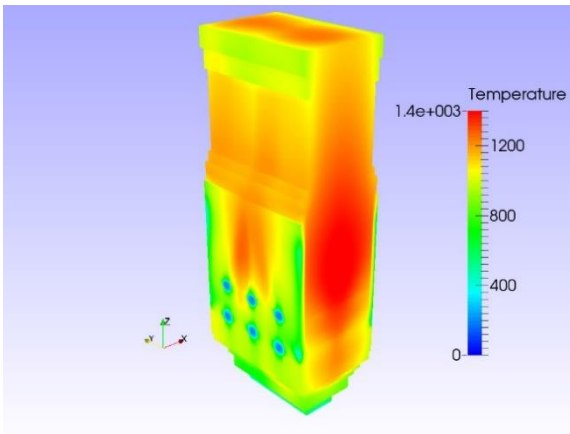
INTRODUCTION OF ENVIRONMENTALLY FRIENDLY TECHNOLOGIES

January 23, 2024



Scientists of Al-Farabi Kazakh National University implements the project "Introduction of environmentally friendly energy production technologies at Kazakhstani thermal power plants". The aim of the project is to reduce emissions of harmful substances into the atmosphere.

A team of scientists has developed and proposed an innovative technology for two-stage combustion of high-ash Kazakh coal at Kazakhstani thermal power plants. Using state-of-the-art information technologies and 3D computer modeling methods, they have conducted research on heat and mass transfer processes and the formation of harmful substances in the combustion chamber of the BKZ-75 boiler at the operating Shakhtinskaya Thermal Power Plant.



The research results enable efficient control of fuel combustion processes in real energy installations with necessary adjustments to various parameters. They also enable the identification of optimal design solutions for burner devices, the creation of optimal methods for burning high-ash coal, and the minimization of harmful particulate gas emissions into the atmosphere. Scientists have proposed optimal methods for minimizing emissions of carbon oxides (CO_x) and nitrogen oxides (NO_x) into the atmosphere.



A SCIENTIFIC AND INNOVATION EXHIBITION IN URUMQI, CHINA

January 26, 2024

On January 22nd, 2024, Al-Farabi KazNU organized its first scientific and innovation exhibition in Urumqi, People's Republic of China.



The event, hosted by the Ministry of Education of the PRC, brought together 196 rectors and heads of research centers from local universities, representatives from over 600 Chinese universities, leaders of 40 major industrial enterprises, diplomatic corps of both countries, scientists, and entrepreneurs.

A particularly keen interest in KazNU's scientific and innovation projects was shown by the Chinese delegation led by Vice Minister of Education of the PRC, Mr. Sun Yao, Vice Chairman of the Xinjiang Uygur Autonomous Region Committee of the Chinese People's Political Consultative Conference, and Secretary of the Party Committee of Xinjiang University, Mr. Xue Xiani.

During the extensive event, Vice Minister of Science and Higher Education of the Republic of Kazakhstan, Darkhan Ahmed-Zaki, KazNU Rector and Chairman of the Board, Dr. Prof. Zhansait Tuimebayev, and 30 KazNU scientists participated. The international exhibition, organized by KazNU, showcased patented scientific and innovative projects undergoing commercialization.



The Chemical Coating Innovations Research Center, specializing in chemical galvanic coating production, opened as part of KazNU's 90th anniversary celebrations, presented its products at the exhibition. KazNU scientists also introduced bioactive additives and herbal teas, new antibacterial drugs for treating sturgeon fish, and a nano-spacecraft, assembled and launched into space for the first time at KazNU.

An innovative "ALFASAT" construction set for space robotics development and STEM education systems in educational institutions was demonstrated. Scientists from the Vascular Pathology Center at the university presented a new device and innovative method for restoring arterial blood vessel permeability.

The exhibition was followed by an international scientific symposium of universities from Kazakhstan and China. Symposium participants discussed common goals and directions for cooperation in education and science, issues related to the commercialization of KazNU's scientific projects, and shared experiences.

The Chinese side emphasized the importance of developing partnerships between scholars from both countries and the relevance of KazNU's innovative projects. Following the KazNU delegation's working visit to Urumqi, bilateral memorandums were signed with Xinjiang University of the People's Republic of China in the fields of chemistry and chemical engineering, law, information technology, remote sensing of the Earth, and academic and scientific cooperation. An agreement on mutual understanding was also reached with Xinjiang Pedagogical University for the opening of a joint research center for Sino-Kazakh universities, and a memorandum was signed with Xinjiang Normal University.



COLLABORATION AGREEMENT WITH XINJIANG INSTITUTE OF ECOLOGY AND GEOGRAPHY OF THE CHINESE ACADEMY OF SCIENCES

February 1, 2024

Al-Farabi KazNU and the Xinjiang Institute of Ecology and Geography of the Chinese Academy of Sciences have entered into a collaboration agreement.



During a meeting between KazNU Rector Prof. Zhanseit Tuimebayev and the Director-General of the Xinjiang Institute of Ecology and Geography, Zhang Yuanmin, opinions were exchanged on the development of cooperation directions and further joint work.



The agreement envisages the expansion of cooperation in the field of environmental sciences and sustainable development, as well as the joint use of scientific centers and laboratories in educational institutions. Additionally, this memorandum will facilitate the exchange of faculty and students, the organization of joint academic meetings, symposiums, and the arrangement of professional development courses for the faculty. Articles, reports, and other scientific works by faculty and students will be published in periodic and scientific publications of partner educational institutions. The agreement also includes the development and implementation of joint educational programs, including dual-degree programs. Furthermore, joint participation in grants announced by state, international, public, private funds, and organizations is foreseen.



SHAPING A NEW ERA OF THE DIGITAL INDUSTRY

February 2, 2024

Al-Farabi Kazakh National University participates in the VI digital forum Digital Almaty 2024, presenting innovative startup projects of university scientists.



The VI International digital Forum Digital Almaty 2024 brought together government officials of the SCO and EAEU countries, leading experts and entrepreneurs to share experiences and ideas aimed at shaping a new era of the digital industry. Participants discussed the topics of digital transformation in industry and innovative solutions in the fields of GovTech, Industry 4.0, ESG, Smart City, share fresh cases from leading experts, and present projects at the exhibition of innovative technologies.



Al-Farabi Kazakh National University presented startup projects: "Modernization of digital tourism content: mobile applications, panoramic 3d tours, interactive maps and QR codes", "Innovative designer of small spacecraft for STEM education", "Water monitoring system based on artificial intelligence and the Internet of Things" and others. The TOURISMQAZ mobile application developed by scientists is an automated system for managing customer (tourist) relationships with suppliers of the main categories of tourist services – transport, accommodation, meals, tour guides, instructors and translators, entertainment and others.



DISCUSSION OF ISSUES OF STATE REGULATION OF THE ECONOMY

February 2, 2024



A scientific and practical roundtable titled “State Regulation in the Geoeconomic Conditions of a Sustainable Economy” was held at Al-Farabi KazNU.

The event brought together scholars and practitioners from Kazakhstan, as well as international experts from Finland, Russia, and Uzbekistan, along with faculty, students, master's and doctoral candidates.



Participants discussed a range of pressing issues related to state regulation in the context of key trends in economic development and modernization amid the new challenges of a sustainable economy, as well as the national interests in advancing public administration in the framework of contemporary global processes.



COLLABORATION AGREEMENT WITH XINJIANG INSTITUTE OF PHYSICS AND CHEMISTRY

February 2, 2024

The Medicinal Plants Research Center at Al-Farabi KazNU and the Xinjiang Institute of Physics and Chemistry, Chinese Academy of Sciences, have entered into a memorandum of understanding for collaboration.



Under this agreement, the center at KazNU and the Chinese institute will jointly train young scientists, exchange expertise in scientific research, implement collaborative innovative projects, and expand the material and technical production base.



According to Professor Zhanar Zhenis, Director of the Medicinal Plants Research Center, this agreement will give a new impetus to the expansion of bilateral relations and the exploration of new opportunities. It is noteworthy that the research center and the institute plan to organize an international conference on scientific research at KazNU.

SYMPOSIUM "NANOTECHNOLOGY IN BIOLOGY AND MEDICINE"

February 6, 2024

The purpose of the symposium is to attract the attention of the scientific community to nanotechnology and actively participate in the development of a promising field of science and production in our country.



The Dean of the Faculty of Physics and Technology of KazNU, Candidate of Physical and Mathematical Sciences, Associate Professor Nurzada Beisen made a report on the topic "Synthesis and application of nanomaterials in biology and medicine". Pavel Alekseyuk, Head of the Laboratory of Molecular Virology at the Scientific and Production Center of Microbiology and Virology, Candidate of Biological Sciences, presented a report on the topic "Physics and Nanotechnology". Well-known scientists, academics, teachers and students attended the symposium.





MEDICAL COLLABORATION WITH HYUNDAE HOSPITAL

February 8, 2024

Dr. Prof. Zhansait Tuimebayev, Chairman of the Board - Rector of Al-Farabi Kazakh National University, held a meeting with the Director General of Hyundai Hospital in South Korea, Kim Bu Sop. During the discussion, the parties shared a series of specific proposals aimed at further expanding their partnership. At the meeting, the university rector briefed the honorary guest on the current achievements and future plans of KazNU.



"Currently, with the support of the Head of State, Kassym-Zhomart Tokayev, the second stage of the construction of the KazNU campus is underway. According to the plan, a hospital will be built on campus. The medical center will include a polyclinic, a faculty of medicine, and healthcare facilities. In this context, I propose to establish a medical center jointly with Hyundai Hospital in this building," the rector said.

In turn, Kim Bu Sop thanked Zhansait Tuimebayev for the warm welcome and expressed support for the initiatives outlined by the rector.



"South Korea ranks among the top three in the world in terms of medicine. Currently, the country is diligently working on further developing this field. Hyundai Hospital employs qualified professors and scientists. Our goal is to enter the Top 10 hospitals in South Korea. We are always ready to develop partnership relations with KazNU. I believe that in the future, it is necessary to hold joint scientific conferences, symposiums, and meetings," said the honorary guest. At the meeting, the university leader Zhansait Tuimebayev and the General Director of Hyundai Hospital, Kim Bu Sop, signed a memorandum of understanding.



BIOFERTILIZERS TO COMBAT SOIL SALINIZATION

February 11, 2024

Young scientists at Al-Farabi Kazakh National University have developed biofertilizers based on low-grade coal and coal-solubilizing bacteria.

The main objective of the project is to address soil salinization issues in Kazakhstan and to utilize low-grade coal.



Experts at the Kazakh-German-Chinese International Research Laboratory of Applied Microbiology have produced the product in two forms: liquid and powder. These fertilizers are environmentally friendly, not only enhancing agricultural productivity but also posing no harm to humans or the environment. Soil salinization is a significant global environmental problem that adversely affects soil health and plant productivity. Currently, the traditional method of addressing this problem involves using fertilizers based on chemical synthesis. However, despite yielding good, effective results, this method negatively impacts the soil. In contrast, KazNU's product is safe and beneficial not only for the economy but also for the agricultural sector.

At present, scientists are continuing their research on this project. In the near future, production of biofertilizers will be established. Recently, scientists have signed a contract for the commercialization of the project.



INTERNATIONAL ROUND TABLE ON SUSTAINABLE DEVELOPMENT

February 13, 2024

The international round table "Sustainable development through the prism of corporate, environmental and social responsibility: today and tomorrow" was held at the Al-Farabi Kazakh National University.



Organized by the Department of Management at the Higher School of Economics and Business in collaboration with partners, the event aimed to facilitate the exchange of experiences and best practices in corporate responsibility, discuss the impact of environmental and social programs on business and society, and develop strategies for enhancing sustainable development in various countries.



The roundtable featured participation from international experts from the USA, the UK, Poland, Finland, and Russia, as well as representatives from the administration and faculty of Al-Farabi KazNU, along with students from the university.

The Vice-rector for Scientific and Innovative Activities of Al-Farabi Kazakh National University, Doctor of Economics, Professor Zhamila Aitzhanova addressed the participants of the meeting with a welcoming speech. Emphasizing the relevance of the topic of the round table, the Vice-rector said: "For many years, Al-Farabi Kazakh National University has been actively engaged in sustainable development issues, involving prominent specialists and scientists, including Nobel laureates, in joint work."



KazNU has created its own roadmap for work in the field of sustainability and became the first university in the post-Soviet space to be a member of the UN Academic Impact Program (UNAI). The UN Headquarters in New York has awarded KazNU the status of a global hub of the UN Academic Impact Program (UNAI) on sustainability. Following the continuity course, the university organizes major international events with the participation of international experts. They discuss issues and share experiences in the field of higher education and science. I am sure that the work of the round table today will be productive and will yield significant results."

The participants of the round table discussed the most important factors affecting business responsibility within the framework of ESG standards for achieving Sustainable Development Goals.



EXHIBITION OF SCIENTIFIC PROJECTS OF SCIENTISTS AND STUDENTS

February 23, 2024

The II International Digital Farabi Forum, dedicated to the 90th anniversary of the country's leading university, is taking place at Al-Farabi Kazakh National University.



Minister of Science and Higher Education Sayasat Nurbek welcomed the forum participants. In an online speech, he stressed the relevance of the forum's work, noting that over the past 5 years, 27 countries have developed their own concept for the development of artificial intelligence. Next, the Minister presented the IBM report data to the audience.

Within the framework of the Digital Farabi forum, a scientific and innovative exhibition was held, in which scientists and students of KazNU, as well as students of Stem centers presented their developments and startup projects.



The purpose of the event is to provide support and assistance in the implementation of innovative projects of young scientists. More than 20 innovative projects were presented to the guests.

JOINT PROJECTS WITH INDONESIAN SCIENTISTS

February 28, 2024

A delegation from the University of Darussalam Office (Indonesia) headed by Professor Ahmad Affandi Mahfudz arrived at the Al-Farabi Kazakh National University on a working visit.



During the visit, the distinguished guests met with the university administration, where they discussed the directions and prospects of mutually beneficial cooperation.

At the meeting, Board Member – Vice Rector for Academic Affairs Lyazzat Yerkinbayeva noted the systematic development of bilateral relations.

In particular, Al-Farabi Kazakh National University has established scientific and educational cooperation with 4 universities in Indonesia: University of Indonesia, Yogyakarta State University, the State Islamic University named after him. Sultan Syarif Qasim, by the University of Darussalam Gontor. Leading scientists are involved in the Treasury to give lectures and provide scientific guidance to PhD students.



CONFERENCE ON ENVIRONMENTAL POLICY OF KAZAKHSTAN

March 5, 2024

Al-Farabi Kazakh National University hosted the international scientific and practical conference "State Environmental Policy of the Republic of Kazakhstan in the context of transition to sustainable development".



The participants presented reports on topical issues of environmental policy in the context of the transition to sustainable development, discussed speeches and exchanged views. Within the framework of the event, a presentation of the film about Zhumageldy Sakenovich Yelyubaev's "Law and Time" took place.



KAZNU FOSTERING THE IMPLEMENTATION OF THE SDGs IN MIDDLE EAST

March 6, 2024

Representatives of Al-Farabi Kazakh National University took part in QS Higher Education Summit: Middle East 2024, which was held in Ras al Khaimah (United Arab Emirates). The theme of the summit is "Culture of innovation: Improving the quality of education for a prosperous Middle East."



More than 470 representatives of the higher education sector attended the summit, held in the building of American University of Ras Al Khaimah (AURAK), from 35 countries, including: Acting Director of the Center for Strategic Development of Al-Farabi Kazakh National University Nurbolat Kudaibergenov and Corporate Secretary of the Board of Directors of KazNU Karlygash Useinova.

An exhibition of universities from the Middle East was held within the framework of the summit. Al-Farabi Kazakh National University participated in it as a platinum sponsor. Representatives of KazNU got acquainted with the activities of universities, exchanged information. They attended plenary sessions where issues were discussed: internationalization of academic mobility, promotion of global employment, internationalization of teaching staff, increasing the global impact and reputation of research, building a global brand of the university.

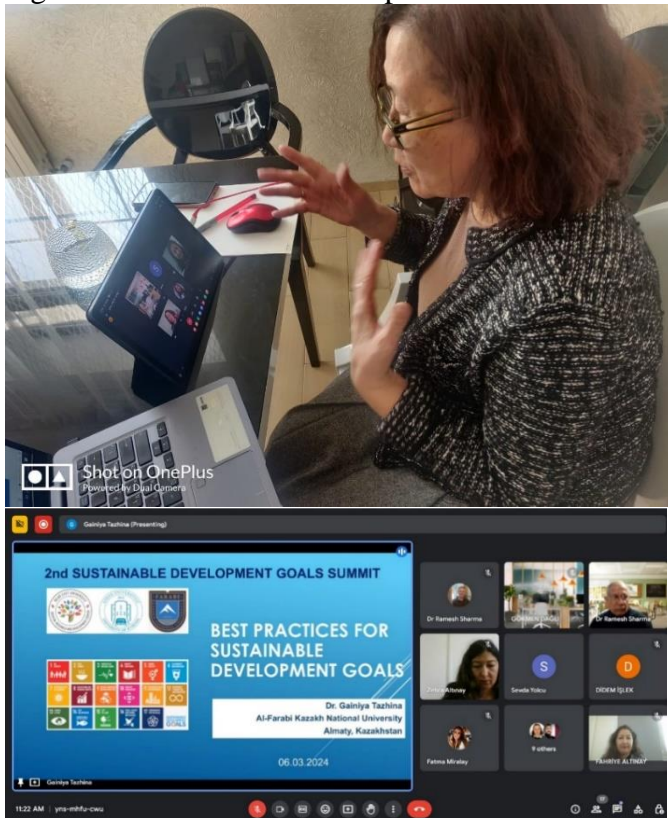


INSTITUTIONAL STRATEGIES AND ACTIONS IN THE IMPLEMENTATION OF THE SDG

March 11, 2024

Al-Farabi Kazakh National University, the Middle East University (NEU) and the University of Kyrenia (Kyrenia, Cyprus) organized the event at the site of the Middle East University (NEU), Nicosia, Cyprus.

The summit participants discussed issues and held discussions on institutional strategies and actions in the implementation of the SDGs, on the role of the SDGs in the development of higher education on the example of Kazakhstan and Algeria.



Associate Professor Gainiya Tazhina represented Al-Farabi Kazakh National University with a report "Best practice of the SDGs". The discussion of the report formed the basis for recommendations and projections for the future on accelerating progress towards achieving the Sustainable Development Goals in the period up to 2030.



PROMOTION "POWER CONSERVATION" IN THE SDG DIRECTIONS

March 15, 2024

The competition of social videos "Saving energy" among students has started at the Al-Farabi Kazakh National University. The best works of the Tik-Tok format, calling for energy conservation, will be considered within the framework of the project.



This action is being implemented as part of a social project aimed at the comprehensive implementation of 17 areas of the Sustainable Development Goals (SDGs) in the Treasury.

As part of the "Power conservation" campaign, large-scale events will be organized at the higher educational institution, in particular, various videos will be shot for the TikTok social network, challenges and flash mobs will be held. This initiative is aimed at the need to improve energy efficiency and save energy resources.

The initiator of social projects is the Department of Strategic Development, the Ban Ki-moon Center and the working group on supervision of compliance with the requirements of the international rating.

ALLIANCE OF SILK ROAD UNIVERSITIES FORUM

March 18, 2024

The delegation led by Dr. Prof. Zhanseit Tuimebayev, Chairman of the Board and Rector of Al-Farabi Kazakh National University, actively participated in the Silk Road Universities Alliance forum held in Xi'an on March 18, 2024.



This international gathering united representatives from universities in China, Iran, Pakistan, and Central Asia, focusing on contemporary trends in digital learning systems and progress towards Sustainable Development Goals within higher education institutions.

Dr. Prof. Tuimebayev, in his opening remarks, underscored the significance of the forum in fostering international cooperation. The event featured addresses by notable figures including the President of Jiaotong University and officials from China's Ministry of Education, alongside counterparts from Iran, Pakistan, and Central Asia.



A highlight of the forum was the signing of an agreement among university rectors to offer online courses centered on Sustainable Development Goals. Additionally, KazNU delegates engaged in fruitful discussions with deputy prosecutors general of the Shaanxi region and Xi'an city, as well as with the leadership of Jiaotong University, exploring avenues for collaboration in science, education, and joint educational programs.



BOOK EXHIBITION

March 20, 2024

A book exhibition dedicated to the disclosure of 17 global goals of the UN agenda was held at al-Farabi Kazakh National University. The exhibition featured the works of the teaching staff of KazNU - 300 books on the SDGs.



Head of the Department of Theory and History of State and Law, Constitutional and Administrative Law of the Faculty of Law Karlygash Usseynova, Director of the Ban Ki-moon Institute for Sustainable Development Zhansaya Issayeva, Acting Director of the Al-Farabi Library of KazNU Zhadyra Aydyngalieвна, who noted the importance of the event, attended the event. The purpose of the exhibition is to increase the interest of young people in reading, honing knowledge and experience in order to implement the Sustainable Development Goals.



KAZAKH-CHINESE JOINT LABORATORY FOR ENVIRONMENTAL MONITORING INAUGURATED AT KAZNU

March 25, 2024

Al-Farabi Kazakh National University proudly unveiled the Kazakhstan-China joint laboratory "Remote Sensing Technology and Applications," poised to address pressing environmental challenges in the Central Asian region.

This state-of-the-art facility, inaugurated by Zhanseit Tuimebayev, Chairman of the Board and Rector of KazNU, alongside esteemed guests including Zhang Yuanming, Director General of Xinjiang Institute of Ecology and Geography, and Governor of Xinjiang Uygur Autonomous Region, Yerkin Tuniyaz, represents a landmark collaboration between Kazakhstan and China in the field of science.

Designed to monitor environmental issues like water scarcity, drought, and land degradation exacerbated by climate change, the laboratory utilizes remote sensing technology to ensure environmental security and sustainable development. It serves as a beacon of international cooperation, fostering a high-tech platform for resource research in Kazakhstan, China, and Central Asia.



Situated within KazNU's Faculty of Geography and Nature Management, the joint laboratory stands as the sole natural resource monitoring center in Central Asia. Beyond its role in scientific research, it serves as a pivotal hub for promoting sustainable environmental development in the region.

The signing of an agreement between KazNU and Xinjiang Institute of Ecology and Geography marked a pivotal moment in the laboratory's establishment, symbolizing a commitment to advancing scientific cooperation.

With KazNU allocating and refurbishing a 500-square-meter space for the laboratory, and China providing funding of 55 million tenge (approximately 1 million yuan) for equipment, the joint endeavor is poised to make significant strides in environmental research and collaboration between the two nations.

The Department of Theory and History of State and Law, Constitutional and Administrative Law together with the Farabi Reading Club at the Al-Farabi Library organized the exhibition.



KAZAKH-CHINESE EDUCATIONAL COLLABORATION

March 27, 2024

Dr. Prof. Zhanseit Tuimebayev, Chairman of the Board and Rector of Al-Farabi Kazakh National University, conducted substantive discussions with Yerkin Tuniyaz, Chairman of the People's Government of Xinjiang Uygur Autonomous Region of the People's Republic of China (PRC), during his official visit to the university.



Accompanied by dignitaries including Vice Minister of Science and Higher Education Talgat Yeshenkulov and Zhang Yuanming, Director General of Xinjiang Institute of Ecology and Geography, the meeting focused on enhancing collaboration in scientific research, academic mobility programs, and joint initiatives between KazNU and Chinese universities.

Vice Minister Yeshenkulov highlighted ongoing efforts to utilize scientific laboratories jointly with Chinese counterparts and promote academic exchanges. Tuniyaz emphasized the importance of KazNU's collaboration with Chinese universities, citing the establishment of the "Remote Sensing Technology and Applications" joint laboratory at KazNU as a testament to proactive engagement.



Both parties expressed support for initiatives aimed at bolstering bilateral partnerships and committed to implementing collaborative projects systematically. Following the talks, Dr. Prof. Tuimebayev met with counterparts from Xinjiang Medical University and Xinjiang Technical Institute of Physics and Chemistry, discussing avenues for intensified cooperation in the medical field.

COOPERATION WITH THE EUROPEAN ORGANIZATION FOR NUCLEAR RESEARCH

March 27, 2024

A delegation of senior advisers on non-participating countries at the Department of International Cooperation of the European Organization for Nuclear Research (CERN) visited Al-Farabi Kazakh National University on a working visit.



The interaction between Al-Farabi Kazakh National University and CERN began with the signing of a declaration of intent to cooperate in various fields, including fundamental and applied research in the field of high energy physics, nuclear medicine and the exchange of experience in the training of scientific personnel. Since 2019, summer schools on high energy physics and accelerator technology have been held, organized with the active support of KazNU, the Ministry of Energy and the Ministry of Science and Higher Education of the Republic of Kazakhstan.

Senior Advisers on Non-participating Countries at the Department of International Cooperation of the European Organization for Nuclear Research (CERN) Christoph Schaefer and Tadeusz Kurtyka have repeatedly visited Kazakhstan, in particular, they came as lecturers and members of the organizing committee of the summer school on high energy physics and accelerator technology in 2019, which was held in Almaty. Both took part in the process of preparing the signing of a cooperation agreement between the Government of the Republic of Kazakhstan and CERN.



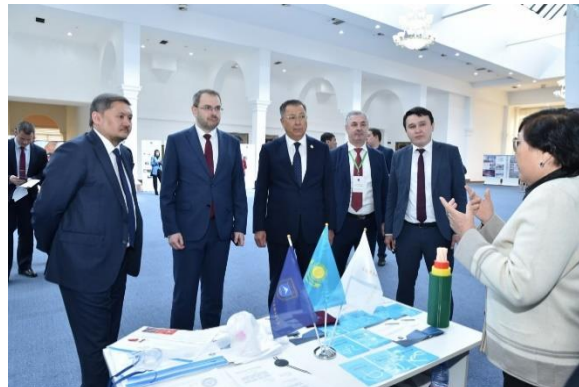
Within the framework of the meeting, issues such as the completion of graduate master's works on the basis of the European Organization for Nuclear Research, the practice of undergraduates, internships and participation in summer schools, the possibility of associate membership of Kazakhstan in CERN, etc. were discussed.



II FORUM OF RECTORS OF HIGHER EDUCATION INSTITUTIONS OF KAZAKHSTAN AND RUSSIA

March 29, 2024

Al-Farabi Kazakh National University hosted the II Forum of Rectors of Higher Education Institutions of Kazakhstan and Russia on March 29, 2024, attracting prominent figures from academia and government.



Under the theme "Current Trends in Higher Education and Science," the international forum convened key stakeholders including Sayasat Nurbek, Minister of Science and Higher Education of Kazakhstan, and Konstantin Mogilevsky, Deputy Minister of Science and Higher Education of the Russian Federation. Also in attendance were Vladimir Shevchenko, Rector of the National Nuclear Research University MEPHI, and Dr. Prof. Zhanseit Tuimebayev, Chairman of the Board and Rector of KazNU, alongside rectors from 50 universities in Russia and 40 universities in Kazakhstan.

The forum aimed to fortify ties between educational institutions in both countries, fostering mutually beneficial relationships and advancing the internationalization of higher education. Discussions centered on expanding academic mobility for students and faculty, enhancing cooperation in scientific research, and exploring avenues for collaborative development. Minister Nurbek lauded the enduring and fruitful cooperation between Kazakhstan and Russia in science and higher education, underscoring the importance of such forums in strengthening bilateral relations.

During the proceedings, Rector Shevchenko presented proposals for further enhancing collaboration between the two nations in science and education, setting the stage for productive deliberations.

Noteworthy outcomes of the forum included the signing of agreements to establish a branch of Mendeleev Russian Chemical Technology University at Dulati Taraz Regional University, and to facilitate joint education programs between KazNU and St. Petersburg State University within the CIS Network University framework.

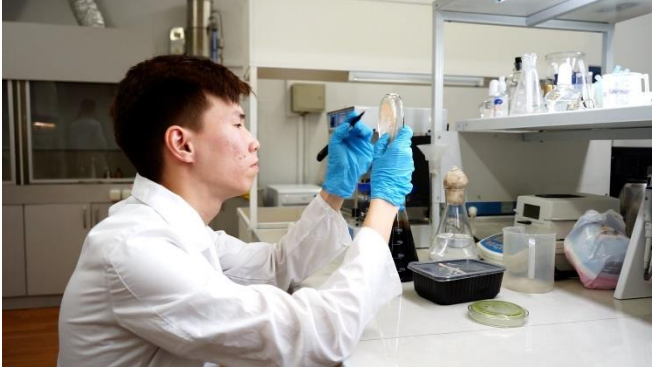
Following these significant agreements, the forum proceeded to engage in focused discussions within various thematic sections, further deepening collaboration and paving the way for future initiatives in Kazakh-Russian academic cooperation.



BRIQUETTED COAL, WHICH REDUCES THE DANGER OF CARBON MONOXIDE SMOKE

April 8, 2024

This innovative project will help reduce the amount of smoke and harmful sulfur contained in coal.



The products prepared by KazNU scientists will not only solve environmental problems, but will also be effective for Kazakhstani production. Because our country does not produce high-quality briquetted coal. According to laboratory scientists, this type of coal enters the country from China and Russia.



"70% of the coal mined in Kazakhstan is low-grade coal. The quality of low-grade coal is poor. During the research, it was found that coal contains a large amount of harmful sulfur. Later, we made briquetted coal by adding sulfur-reducing bacteria to this low-grade coal," says a junior researcher at the Kazakh-German-Chinese International Research Laboratory of Applied Microbiology of KazNU. Bio-briquettes can be used in the food industry, thermal power plants, outdoors, etc.

"Currently, the population is not fully provided with natural gas in most localities. Because of this, people burn low-grade coal to heat a private house in winter. As a result, they are poisoned by carbon monoxide and die. Therefore, the goal of our project is to improve the quality of low-grade coal and reduce the amount of smoke emitted during coal combustion," says Damir Asanovich.



DISCUSSION OF TOPICAL ISSUES OF THE MODERN ECONOMY

April 8, 2024

The international scientific and practical conference "The paradigm of sustainable economic development in the context of global change: challenges, consequences, opportunities" was held at the Al-Farabi Kazakh National University within the framework of the II International Farabi Forum.



The meeting was attended by Ardak Turgunbayeva, Director of the RSE "Institute of Economics" of the Science Committee of the Ministry of Science and Higher Education of the Republic of Kazakhstan, President of the Association of Higher Educational Institutions, Rector of Turan University Rahman Alshanov, Chairman of the Board – Rector of NJC "Toraigyrov University" Yerkin Sadykov, member of the Board of Directors of Freedom Finance Global PLC Tusup Nukenov, member of the Board – Vice Rector for Science and Innovations Zhamila Aitzhanova, scientists from Poland, Turkey, Italy, Uzbekistan and other countries, economists, faculty and students of the university.

Minister of Finance of the Republic of Kazakhstan, Madi Takiev, focused on the economic directions of the new Kazakhstan. Member of the Management Board – Vice-Rector for Scientific and Innovative Activities Zhamila Aitzhanova stressed that the Higher School of Economics and Business holds a special place for our country in the training of specialists in the field of finance.



FANDOMATES FOR ACCEPTING PLASTIC BOTTLES

April 10, 2024

Two special vending machines for plastic bottles and aluminum cans from Sparklo Kazakhstan have appeared at the al-Farabi Kazakh National University.



These devices are located on the campus as part of the implementation of SDG 12 "Ensuring the transition to rational consumption and production models". Fandomats are installed near the rector's office and in the student service center "Keremet".

Now any student can easily hand over used bottles and cans to Sparklomat, which uses state-of-the-art barcode recognition technology using artificial intelligence. To do this, you just need to register in the Sparkle Rewards Club mobile application, which is available for download on Google Play and the App Store.



The machine accepts bottles and cans with a volume of up to 2 liters, without liquid. For each container delivered, there is an opportunity to receive bonuses that can be accumulated and exchanged for various promotions and offers from partners.

The collected packages are sent to processing plants, where they are further processed and used in the production of new packages, clothing, shoes, furniture, building materials and other products. Together we take care of our planet and make the world cleaner and greener!



THE ROLE OF WOMEN IN THE DEVELOPMENT OF THE IT SECTOR

April 12, 2024

II International Women in Tech Forum "Artificial Intelligence: Horizons of the Future" was held at the Al-Farabi Kazakh National University.



Every year, women and leading scientists in the field of information technology come together at the Woman in Tech forum to display cutting-edge technology initiatives and exchange experiences in this field. Participants include experts from various sectors of the technology industry, such as artificial intelligence in medicine and business analytics, among others. The event aims to discuss topical issues related to the role of women in technology and their contributions to innovation.





DISCUSSION OF SUSTAINABLE URBAN DEVELOPMENT ISSUES

April 17, 2024

The Al-Farabi Kazakh National University organized the international scientific and practical conference "Urban Sustainability: Challenges and Solutions" on the occasion of the 90th anniversary of its founding.



The conference was dedicated to SDG 11, which is "Ensuring Open, Secure, Resilient and Sustainable Cities and Human Settlements". This goal has become the basis for a new urban agenda.

The large-scale event gathered together leading scientists and experts from different countries in the fields of geography, sustainable development, and urban planning. Participants included representatives from the United Kingdom, Russia, Belarus, and Kyrgyzstan, as well as professors and doctors of science from leading educational institutions and research institutes.

The conference "Urban Sustainability: Challenges and Solutions" provides a unique opportunity for the exchange of knowledge and experience in the field of sustainable urban development. It aims to analyze the current challenges and find effective solutions based on research and practical experience. The forum also focuses on the rational, careful, and safe use of natural resources in order to achieve sustainable urban development.

The opening ceremony was attended by representatives from various organizations and individuals, including:

- The National Commission for Women and Family and Demographic Policy under the President of the Republic of Kazakhstan.
- Managing partner of Kazakh-American University.
- Entrepreneur and founder of YASSA education platform, Alina Abdrakhmanova.
- Chairman of the board of JSC Institute of Geography and Water Security, Ministry of Internal Affairs, and academician of the National Academy of Science, Akhmetkal Medeu.
- Dean of the faculty of geography and environmental management at Al-Farabi Kazakh National University, Aliya Aktymbayeva.

The program of the two-day conference includes plenary and breakout sessions, master classes, and an introduction to poster presentations. The participants will discuss topics related to the socio-economic aspects of sustainable development, the use of GIS technologies to study urban processes, as well as demographic issues.

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KAZNU SCIENTISTS INVESTIGATE FLOODING IN WESTERN KAZAKHSTAN

April 20, 2024

Researchers at Al-Farabi Kazakh National University are studying the flood situation in Western Kazakhstan as part of a megagrant project titled "Sustainable Development of Natural-Economic and Socio-Economic Systems of West Kazakhstan Region in the Context of Green Growth."



To manage the flood conditions in the Zhaiyk River basin in Atyrau, an operational response headquarters has been established under the Ministry of Science and Higher Education's Committee of Science. A team, including senior lecturer Almat Erdesbay from the Faculty of Geography and Nature Management, assessed the current flood situation.

The scientists conducted various studies, including calculation, graph-analytical, hydrological, and field research using hydrometric turntables, UAV echo sounders, and GNSS receivers. These studies aimed to evaluate infrastructure status, channel capacity, and potential measures for handling peak flow rates in the Zhaiyk River branches.

A comprehensive analysis of hydrological data, including the timing of water run-up and flood waves, was conducted. Cross-sectional profiles were created and analyzed for gauging stations along the Zhaiyk River. Recommendations were provided on the timing of maximum water discharge reaching Atyrau and the flow capacity of the channels based on available data and field surveys.

Since April 20, KazNU scientists have been conducting field research in the West Kazakhstan region. They found significant flooding in the neighborhoods of Aktobe city, affecting settlements like "Lokomotiv," "Vesna," and "Stroitel-4," among others. Water levels rose by 2-3 meters, causing damage to fences, roads, gas pipelines, and trees. A multi-rotor drone and space imagery were used for a comparative analysis.

Additionally, physical and chemical studies of Ilek River water samples revealed an excess of harmful suspended solids.



STRENGTHENING TIES WITH UK UNIVERSITIES

April 23, 2024

A delegation of British universities visited Al-Farabi Kazakh National University in order to establish partnerships in the fields of science and educational development. The delegation included representatives from universities such as Abertay University in Great Britain, Ulster University and South Bank University in London, Queen Margaret University in Ireland, Charles Sturt University in Australia, Niagara College in Canada, and Polytechnic Institute of Saskatchewan.



In addition to the exchange of students and internships, three professors from KazNU were invited to deliver lectures and provide scientific guidance for PhD students within the framework of the program "Attracting Foreign Specialists to Universities in Kazakhstan" in 2022. Joint research projects and the supervision of doctoral students are important components of KazNU's collaboration with universities in the United Kingdom. To develop this area of collaboration, the governments of both countries have established the Newton-Al-Farabi Partnership Program, which aims to strengthen the scientific potential of both parties, as emphasized by the Vice-Rector in his speech.



Al-Farabi Kazakh National University has established close ties with institutions and universities in the United Kingdom in the fields of science, higher education, and cultural exchange. In particular, the university has signed 11 agreements with universities in the UK, including Lancaster University, London School of Business and Finance, University of Central Lancashire, University of Birmingham, Edinburgh Business School, Middlesex University, Oxford University, and others. Over the past three years, more than 200 graduate students and 25 professors from the university have visited the UK to conduct research as part of an outbound mobility program.

ISSUES OF CONSTITUTIONAL AND LEGAL SCIENCE

April 25, 2024

An international scientific and practical conference on the topic "Development of constitutional and legal science of Kazakhstan: history, problems, prospects" was held in the Farabi Library.



The purpose of the conference is to discuss the problems of the history of the formation and development of the theoretical, legal, and constitutional science of Kazakhstan, the prospects for the development of constitutional construction in the country.



Leading scientists, representatives of government agencies of the Republic of Kazakhstan, civil society, teachers, doctoral students, undergraduates, students and media representatives, attended the meeting.

«GREEN» INITIATIVES

April 25, 2024

The forum "Green Bridge - from generation to generation" has become a real international dialogue platform, where young scientists and students can discuss current trends in promoting green initiatives, the results of research in Earth sciences and environmental issues. The current theme of the event aligns with the strategy of sustainable development, making it an important platform for the exchange of ideas and knowledge.



The representative of the UN Department of Global Communications in Almaty, Vlastimil Samek, emphasized the significance of the forum in his speech. He noted that for many years, important and relevant topics had been discussed within the Green Bridge framework. He expressed gratitude for the support provided by all participants and acknowledged their efforts in moving forward towards achieving the Sustainable Development Goals.



The Forum will continue its work in the framework of plenary and breakout sessions in the following areas: "Modern climate change, environmental sustainability of geosystems and life safety", "Geoinformation mapping and modeling of geosystems to solve problems of geography, land management and cadastre", "Sustainable tourism and hospitality: science, practice, initiatives", "Green PR for a sustainable future" and others.



COOPERATION WITH THE KOREAN HOSPITAL

April 26, 2024

Al-Farabi Kazakh National University's Business School took a significant step forward in healthcare education by signing a memorandum of cooperation with South Korea's prestigious Bundang Jeasaeng General Hospital.



The meeting, held at KazNU on April 26, 2024, brought together the leadership of Al-Farabi Business School and representatives from Bundang Jeasaeng General Hospital to formalize their partnership. Discussions centered on the development of joint educational programs, including the integration of field modules and internships within the Executive MBA program focused on healthcare.

Both parties expressed their commitment to fostering innovative initiatives that contribute to advancements in healthcare education. The signing of the memorandum marks the commencement of a dynamic collaboration aimed at benefiting not only students of Al-Farabi Business School but also the broader healthcare sector in Kazakhstan.



Recognizing South Korea's leading position in medical development, the exchange of expertise presents a valuable opportunity for all involved. Through this partnership, participants will gain insights into the latest technologies and modern approaches employed by Bundang Jeasaeng General Hospital, enhancing the quality of healthcare education in Kazakhstan.

The collaboration between Al-Farabi Business School and Bundang Jeasaeng General Hospital holds promise for the introduction of cutting-edge practices into the Kazakhstani healthcare system, ultimately contributing to improved patient care and professional development within the field.



500 KAZNU STUDENTS TOOK PART IN THE "ZHASYL AIMAK/GREEN ZONE" WEEK

April 27, 2024

Students of Al-Farabi Kazakh National University took an active part in the republican week "Zhasyl aimak". This action takes place within the framework of the environmental campaign "Taza Kazakhstan".



The project "Clean Campus", which was planned and approved by Al-Farabi Kazakh National University, is part of the "Taza Kazakhstan" environmental campaign. For five weeks, teachers, staff, and students of this higher educational institution will be planting seedlings and cleaning academic buildings, classrooms, offices, and other centers.



KazNU students and young people carried out cleaning activities in the Almaty area. They cleaned the bottom of seedlings, removed household waste and garbage. KazNU students also participated in planting seedlings in Karagaily Park, contributing to improving the ecological situation in the area.





MEMORANDUM WITH UNIVERSITY OF PENNSYLVANIA OF THE USA

April 29, 2024

Al-Farabi Kazakh National University took a significant stride in international cooperation by signing a memorandum of cooperation with the prestigious University of Pennsylvania in the United States on April 29, 2024.



The agreement, a product of the working visit of KazNU's Chairman of the Board and Rector, Dr. Prof. Zhanseit Tuimebayev, to the USA, opens new avenues for collaboration in higher education and scientific research.

During the meeting between Dr. Prof. Tuimebayev and University of Pennsylvania President Neely Bendapudi, discussions centered on exploring opportunities to advance shared objectives in academia and research. The memorandum outlines plan for teacher and student exchanges, collaborative use of scientific laboratories, and joint organization of international conferences and symposiums. Additionally, both institutions will engage in collaborative scientific research endeavors, facilitating knowledge exchange and interdisciplinary collaboration.

One of the key aspects of the agreement is the facilitation of lectures by eminent scholars at each university and the publication of research articles by KazNU scientists in University of Pennsylvania journals, thereby enhancing academic exchange and visibility on a global scale. The University of Pennsylvania, renowned as one of the top 15 state-funded universities in the United States and ranked 83rd in the international QS World University Rankings, offers a wealth of expertise and resources for collaboration.

KAZNU HOSTS XINJIAN SANBAO DELEGATION TO STRENGTHEN SINO-KAZAKH COOPERATION

May 4, 2024

Al-Farabi Kazakh National University welcomed a delegation from Xinjian Sanbao, led by Deputy Party Secretary Yang Yining, for a working visit.

Prof. Yerkin Duysenov, Vice-Rector for Operations at KazNU, highlighted the university's extensive scientific and educational collaborations with 57 institutions in China, including Shanghai Foreign Languages University, Xi'an Jiaotong University, Northwestern Polytechnic University, and Peking University.

In 2023, KazNU launched a branch of Northwestern Polytechnic University offering programs in Electronics and Communication Technology, Materials Science and Engineering, and Computer Science and Technology. Duysenov emphasized, "KazNU, in partnership with Chinese institutions, has established the Earth Remote Sensing Center and is working on an innovative IT technopark with the Alliance of New Silk Road Universities."



Prof. Duysenov also mentioned the active development of academic mobility and joint research projects, expressing openness to new initiatives and collaborations.

Deputy Party Secretary Yang Yining expressed gratitude for the hospitality and campus tour, confident that the meeting would enhance mutually beneficial cooperation. The meeting concluded with discussions on future joint projects in science and education.



KAZNU STRENGTHENS TIES WITH SHANGHAI UNIVERSITY OF SCIENCE AND TECHNOLOGY

May 13, 2024

A Memorandum of Understanding was signed between the University of Shanghai for Science and Technology (USST) and Al-Farabi KazNU.

A delegation from USST, led by Vice-Rector Mrs. Cai Yunliang, visited Al-Farabi KazNU. Vice-Rector for Scientific and Innovative Activities, Dr. Zhamila Aitzhanova, Director of Farabi Business School, Prof. Zharaskhan Saryev, and the business school team welcomed the delegation.

The guests toured the Al-Farabi KazNU museum, expressing keen interest in the history and achievements of this leading university.

During the meeting, both parties shared their institutions' achievements and discussed future development prospects. They explored potential areas of cooperation, including the launch of dual degree programs and student and faculty exchanges. As one of China's oldest universities, USST is eager to collaborate with Al-Farabi KazNU, which boasts a 90-year history.

The Shanghai delegation indicated that traditional forms of cooperation, such as student and faculty exchanges, could eventually evolve into partnerships involving joint programs, laboratories, and research centers.

The Vice-Rectors, solidifying the agreement on cooperation, formally signed the MoU.





KAZNU STRENGTHENS PARTNERSHIP WITH UNIVERSITIES IN PAKISTAN

May 15, 2024

A delegation from Pakistan, led by Faisal Manzoor, Rector of the International Institute of Science, Art and Technology Gujranwala and Chairman of the Board of Sialkot University, visited Al-Farabi KazNU to discuss collaboration.



The guests learned about KazNU's 90-year history and its activities. Zhanseit Tuimebayev, Chairman of the Board and Rector of KazNU, highlighted existing collaborations with five Pakistani universities and scientific institutes, including the Research Institute of Chemistry and the International Center for Chemical and Biological Sciences at the University of Karachi. Joint research efforts in bioorganic chemistry, pharmacology, and high-molecular compounds have led to 15 RK patents and publications in international scientific journals.

Both parties emphasized the need for active, mutually beneficial cooperation to enhance integration into the global scientific community and address the training of highly qualified personnel. Currently, 40 Pakistani students are studying at KazNU.

Faisal Manzoor discussed the activities of Pakistani universities, which specialize in fields such as medicine, computer science, IT, humanities, social and natural sciences, and management. Sialkot University, a private institution in Punjab, Pakistan, has 8 faculties and 10,000 students.

The meeting concluded with an exchange of views and discussions on developing mutually beneficial cooperation in the coming years.



KAZNU STRENGTHENS TIES WITH XI'AN JIAOTONG UNIVERSITY

May 17, 2024

Dr. Zhanseit Tuimebayev, Chairman of the Board and Rector of Al-Farabi Kazakh National University, held talks with Vice President Hung Jun of Xi'an Jiaotong University during their working visit to the institution.

The discussions focused on enhancing partnerships in science and education and increasing the academic mobility program. Welcoming the Chinese delegation, Dr. Tuimebayev emphasized that the visit would strengthen comprehensive cooperation between KazNU and Xi'an Jiaotong University.

"We are keen on furthering our cooperation with Chinese universities, especially with Xi'an Jiaotong University. We should intensify efforts to organize international conferences, establish a joint research center, and facilitate teacher and student exchanges. Collaborative work on innovative projects by our scientists is crucial," said Dr. Tuimebayev.



Founded in 1896, Xi'an Jiaotong University has over 3,000 faculty members and 45,000 students and collaborates with more than 300 universities and research institutes. It is ranked among the top 300 universities globally by QS World University Rankings.

Vice President Hung Jun highlighted the importance of joint training of qualified personnel and implementing research projects. "Al-Farabi Kazakh National University is one of our reliable partners in Kazakhstan. We aim to develop further our friendly cooperation and support all initiatives to enhance our partnership," he stated.

The meeting concluded with agreements to establish the China-Middle Asia Rule of Law Research Center, the One Belt, One Road Laboratory for Low Carbon Conversion and Efficient Use of Chemical Resources in Shaanxi Province, and the China-Middle Asia Media Communications Research Center. Additionally, a book presentation was held by Ms. Sofia Ushurova, Director of the Center for Central Asian Law Studies.



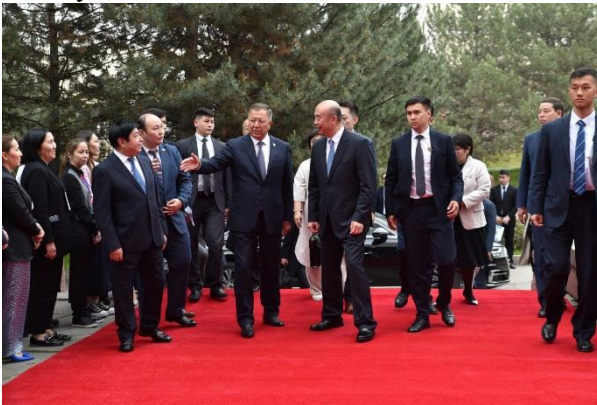
CHINESE VICE PREMIER LIU GUOZHONG VISITS KAZNU TO OPEN 5G LABORATORY

May 17, 2024

Vice Premier of the State Council of the People's Republic of China, Liu Guozhong, paid a working visit to Al-Farabi Kazakh National University.

During his visit, the "5G/5.5G Communication Technologies" laboratory was inaugurated. This new center aims to advance telecommunications technology in Kazakhstan.

The opening ceremony included notable attendees such as Zhang Xiao, Chinese Ambassador to Kazakhstan, Zhanseit Tuimebayev, Rector of KazNU, Guo Wei, Deputy Head of the State Council Office, Li Hui, Special Representative for Eurasian Affairs, Zhang Xingwang, Deputy Minister of Agriculture, Li Fei, Deputy Minister of Commerce, along with university scientists, faculty, and students.



The laboratory is set to train specialists in telecommunication systems, enhance Internet speed, and work on the 6G network. It will also facilitate the production and assembly of high-tech communication devices.

The laboratory is the first Chinese branch in Kazakhstan, reflecting the strong partnership between the two countries. "I believe that the new scientific laboratory will foster further development and cooperation between our universities," stated Rector Tuimebayev.

Sponsored by Huawei, the laboratory was established jointly by KazNU and Northwest Polytechnic University (NWPU).



During his visit, Liu Guozhong also explored the Kazakh-Chinese joint laboratory "Remote Sensing and Application Technology," the Research Center of Medicinal Plants, and the NWPU branch at KazNU, engaging with scientists and observing ongoing research.



LAUNCHING 3RD EDITION OF «THE CLIMATE CAN'T WAIT» PROJECT IN KAZNU WITH A FRENCH ASSOCIATION

May 17, 2024

The French association XCSS – CROSS COUNTRY SKIING SAND, in collaboration with Al-Farabi Kazakh National University, held unique sporting events from May 17 to 21, 2024.

The association's goal is to encourage as many people as possible worldwide to treat natural resources, especially water, with care. The association was established in 2020. Despite its recent formation, it has already conducted two events in the Moroccan desert, established connections with experts in agronomic research, helped organize the distribution of seeds for cultivation in arid zones, and held workshops for villagers in remote oases on cultivating essential plants, nutrition education, and culinary and craft courses for women. Additionally, they have collaborated on methods to restore atmospheric water to provide villagers with access to drinking water.



The project that the French association XCSS brought to Kazakhstan is called «The climate can't wait». Through this initiative, volunteers from France hope to draw attention to pressing climate change issues. To achieve this, they invented a unique method of skiing on sand. They developed and patented an original model of wooden skis that can be attached to any footwear. Although the ambassador of the XCSS team is Olympic figure skating champion Mr. Gwendal Peizerat, sand skiing is accessible to people of all ages and requires no special training. The director of the association, Ms. Estelle Peyen, and her colleagues aim to use their sand skiing events to attract as many partners and interested specialists as possible to jointly seek solutions to climate change issues. They advocate for engaging in sports and tourism that do not harm the environment but instead help preserve the natural and cultural heritage of peoples, including the rich traditions of residents in remote villages. The XCSS association is recognized by the UN Climate Change Secretariat and contributes to the organization's Decade on Ecosystem Restoration.

In Almaty, the association, in collaboration with Al-Farabi Kazakh National University, launched the third edition of their project «The climate can't wait», which coincided with the university's 90th anniversary and the 10th anniversary of its status as a global hub of the UN Academic Impact program. Under the aegis of the Faculty of Geography and Environmental Management at KazNU, and with the support of the Ban Ki-Moon Institute for Sustainable Development, conferences were held on topics such as ecology, sports, ecotourism, environmental protection, careful conservation of water resources, human health, and proper nutrition. There were also discussions on the impact of modern urban lifestyles on the atmosphere and the harm of CO2 emissions on public health. The project placed significant emphasis on the culture and traditions of Kazakhstan. The crafts center "Qazar-Oner" showcased its products and conducted workshops, focusing on the creations of kazakh craftswomen.

The eco-tour to the famous singing dunes in the Altyn-Emel National Park was attended by a number of prominent guests, including the Consul General of France in Almaty, Mr. Fabrice Neveu, the Ambassador of the Assembly of People of Kazakhstan to France, Ms. Malgorzata Thouard, an environmental expert from the Public Chamber of the Mazhilis of Parliament, Ms. Aizhan Skakova, and a team from KazNU. All participants had the opportunity to try the French innovation of sand skiing, as well as take part in the environmental action "March of the Parks" to support protected natural areas, and an environmental cleanup campaign in Altyn-Emel National Park.

KazNU hopes that sand skiing will inspire people and prompt them to consider whether we live in harmony with nature and properly value the riches it provides



KAZNU AND NANJING UNIVERSITY LAUNCH JOINT LABORATORY ON NANOTECHNOLOGIES

May 20, 2024

Al-Farabi Kazakh National University and Nanjing University of Science and Technology (NUST) signed several cooperation agreements, culminating in the grand opening of the International Kazakh-Chinese Scientific Laboratory on Energy-Efficient Nanotechnologies.

Prof. Yerkin Duissenov, Vice-Rector for Operations at KazNU, welcomed the Chinese delegation led by NUST Rector Fu Menyin. Prof. Duissenov highlighted NUST's 70th anniversary celebrated in September of the previous year.



Faculty members from both universities have actively participated in conferences and exchanged visits, emphasizing the joint laboratory's goal to conduct fundamental and applied research in Kazakhstan, China, and beyond.

The meeting included discussions on mutual cooperation, focusing on the joint laboratory's activities and the dual-diploma master's program. The signed agreements aim to foster effective research and educational collaboration between the two institutions.



KAZNU AND FRENCH INSTITUTE ESTABLISH ARCHAEOZOOLOGICAL RESEARCH CENTER

May 20, 2024

Al-Farabi Kazakh National University and the Institute of Ecology and Environment of France signed an agreement to establish the "Archaeozoological Center for the Study of Central Asia." This was finalized during a visit by the French delegation to KazNU.

KazNU's Vice-Rector for Operations, Prof. Yerkin Duysenov, and the Institute's Director, Stéphane Blanc, discussed the center's opening, its material and technical setup, and its main research areas. Prof. Duysenov highlighted the growing cooperation between KazNU and French universities, noting that the new center will further expand these partnerships.

"The Kazakh National University collaborates with 21 higher education institutions and organizations in France. Our Kazakh-French scientific and educational center 'Geoenergetics' is active, with many students participating in academic mobility programs, internships, and summer schools. The new center will address regional natural issues and increase research projects," said Prof. Duysenov.



Stéphane Blanc expressed gratitude for the hospitality and enthusiasm for the collaboration. "The international laboratory aims to study human societies' past through the dynamics of human-animal relations (archaeology). Research will include laboratory analyses and international field missions across Central Asia," he stated.

The meeting concluded with an agreement to systematically implement the plans for the new joint laboratory.



KAZNU SHOWCASES AT KAZAKH HIGHER EDUCATION EXHIBITION IN SINGAPORE

May 23, 2024

Al-Farabi Kazakh National University participated in an exhibition on Kazakh higher education and the Bolashak program in Singapore.



Held during the Kazakh-Singapore Rectors' Forum "New Frontiers of Partnership in Science and Higher Education," the exhibition featured leading Kazakh universities, including L. Gumilev Eurasian National University, Kazakh National Agrarian Research University, K. Satpayev Kazakh National Technical University, D. Serikbayev East-Kazakhstan Technical University, and Semipalatinsk State University named after Shakarim, along with JSC "Center for International Programs."

The event aimed to inform Singapore residents about Kazakh universities, explain the Bolashak program, and foster collaboration between Kazakh and Singaporean institutions, paving the way for joint projects.



KazNU Rector Zhanseit Tuimebayev highlighted the university's educational activities and scientific projects, inviting Singaporean researchers to collaborate on joint initiatives. He also spoke with Kazakh students in Singapore, encouraging them to return home after their studies to contribute to the country's development and assured that KazNU welcomes those wishing to continue their education.



KAZNU OPENS FARABI CHEM SCIENCE CLUSTER

June 1, 2024

Al-Farabi Kazakh National University has inaugurated the Farabi Chem Science cluster at its Faculty of Chemistry and Chemical Technologies. The facility comprises nine state-of-the-art laboratories.

The cluster aims to identify and analyze environmental pollutants, develop new materials for chemical current sources, conduct in-depth petrochemical research, and devise methods for creating domestic biomedical agents and antibacterial coatings.



The opening ceremony featured notable attendees, including Minister of Science and Higher Education Sayasat Nurbek, Harvard University Professor Mark Elliot, and KazNU Rector Zhanseit Tuimebayev. Dean Alina Galeeva detailed the laboratories' functions and research directions.

Minister Nurbek emphasized President Kasym-Jomart Tokayev's focus on advancing domestic science and education, highlighting the importance of innovative approaches. "We must increase our scientific potential to become a leading nation," he stated.



Rector Tuimebaev noted the laboratories' potential to address critical issues in medicine and biology. These facilities will enable the creation of refractory coatings, study new inorganic materials, and provide quantitative and qualitative substance analysis. Equipped with the latest technology, the laboratories foster a conducive environment for scientific research.

The cluster includes laboratories for analytical chemistry and environment, electrochemical production technologies, petrochemistry, chemical-medical research, fine organic synthesis, energy-intensive nanomaterials, advanced materials and technologies, high-precision diagnostics, and Chemical Coatings Innovations. The cost of the new equipment is 1 billion tenge.



INTERNATIONAL CONFERENCE “MODEL UN – NEW SILK ROAD” 2024

June 8, 2024

The international youth conference “Model UN – New Silk Road” 2024 began at Al-Farabi Kazakh National University, dedicated to the role of youth in achieving the 17 Sustainable Development Goals (SDGs) was held. The conference focused on climate action, gender equality, and the attainment of all 17 SDGs, and also marks the 90th anniversary of the university and the 10th anniversary of its status as a Global Hub of the United Nations Academic Impact program.



The event was opened by Prof. Yerkin Duyssenov, Chairperson of the Sustainable Development Committee, Member of the Board – Vice-Rector for Operational Activities of Al-Farabi Kazakh National University. In his speech, he emphasized the increasing role of youth as a key element of human capital and the new demands placed on universities. Speakers at the conference included Dr. Rustem Kurmanguzhin, Associate Professor at Narxoz University, Ms. Michaela Friberg-Storey, UN Resident Coordinator in Kazakhstan, Dr. Amir Piric, Acting Director of the UNESCO Cluster Office, Dr. Vlastimil Samek, Head of the UN Department of Global Communications, Dr. Serik Naryssov, Chairman of the Asian Diplomatic Society, Mr. Fayzulla Nurullayev, Consul of the Republic of Uzbekistan in Almaty, and Dr. Rafis Abazov, Vice-Rector of KazNARU.

During the conference, participants in three committees discussed the importance of education for human rights and reducing inequality, enhancing the resilience of Central Asian economies in the face of climate change, preserving cultural heritage, and strengthening the role of women.

At the end of the conference, all active participants were awarded certificates and commemorative prizes. The conference demonstrated the importance of youth contributions to solving global problems and strengthening international cooperation.



KAZNU AND UNIVERSITY OF HOUSTON ESTABLISH JOINT CYTOMATRIX RESEARCH CENTER

June 18, 2024

A Kazakh-American joint center for cytomatrix studies will be established at the Faculty of Biology and Biotechnology at Al-Farabi Kazakh National University.



University of Houston professor and PhD Shaiken Tattim visited KazNU and met with Vice-Rector for Operations Prof. Yerkin Duyssenov. During the meeting, they signed a memorandum to establish the center.

This agreement aims to enhance partnerships in studying cytomatrix properties and characteristics, contributing to cell biology advancements and innovative anti-cancer therapies in Kazakhstan.

Vice-Rector Duyssenov highlighted the importance of the memorandum, stating that KazNU is always ready for scientific collaboration. Prof. Tattim outlined the center's primary tasks, emphasizing its role in cancer diagnostics and expanding pharmacogenetic and molecular testing capabilities. "This will increase our opportunities to treat and prevent deadly cancers," he noted.

The meeting concluded with an agreement to proceed with the center's establishment.



STRATEGIC PARTNERSHIP IN DEVELOPING ECO TOURISM

June 19, 2024

Al-Farabi Kazakh National University and Vatel School of Hospitality and Tourism (France) have formed a strategic partnership to enhance hospitality and tourism education. This collaboration allows students to earn dual degrees, combining KazNU's academic training with Vatel's international standards.



A French delegation, including Fabrice Neveu (French Consul General in Almaty), Aline Renard Wang (Director of International Development for Vatel), and Alex Bortolan (Cultural Cooperation Advisor at the French Embassy in Kazakhstan), met with KazNU leadership. Vice-Rector Prof. Yerkin Duyssenov highlighted KazNU's rise from 230th to 163rd in the QS World University Rankings and its collaborations with French universities.

Aline Renard Wang praised the partnership, noting that Vatel, ranked 11th in hospitality management by QS, aims to prepare students for the global hospitality industry. The dual-degree program will enhance students' competitiveness in the job market.

“At Vatel, we believe in learning hospitality through diverse cultural experiences. Our students can study and intern at any of our 55 campuses in 31 countries,” said Wang. Graduates are in high demand globally, with opportunities in top hotels across 32 countries.

The meeting concluded with the signing of a cooperation agreement, including plans to open a Vatel branch at KazNU.



KAZNU RESEARCHERS CONDUCTED FIELD RESEARCH IN THE SOUTHERN REGION OF THE COUNTRY

July 1, 2024

Within the framework of implementation of research work under the program "Scientific and applied justification of management of natural-agricultural systems (NAG) to prevent desertification processes in the southern regions of Kazakhstan, to ensure sustainable development of rural areas", researchers of Al-Farabi KazNU conducted field studies of the state of natural-agricultural systems of agricultural and pasture use.



Participants of the field expedition: faculty members of the Department of Geography, Land Management and Cadastre, Cartography and Geoinformatics, Biodiversity and Bioresources, as well as staff of the Center for Space Technologies and Remote Sensing of the Earth (Earth Remote Sensing Center).

SDG 13, focused on combating climate change and SDG 15, aimed at preserving terrestrial ecosystems, were included in the program for monitoring the development of desertification processes at key sites.

The main objectives of the expedition included study of the current state of ASB of agricultural and pasture use, identification of the main factors contributing to desertification processes, as well as development of scientifically applied recommendations on sustainable management of the territories.

A total of 96 observation reference points were surveyed, covering natural and anthropogenic SAR complexes of agricultural and pasture use.

All planned locations were surveyed during the fieldwork period. At all survey points, soil pits were described, soil samples were collected, the natural-territorial complex (NTC) was sampled using a drone, and vegetation cover was collected. Natural and artificial (quarries) outcrops were studied and described at some observation points.

Field analysis of the leading physiographic and geomorphologic processes was carried out at the observation sites for comparison with remote sensing data. Preliminary field data were partially processed, and a database was created for further desk study. During the field stage, soil samples, video and photo materials were collected from the reference points.

DELEGATION OF KAZNU VISITED URUMQI WITH A WORKING VISIT

July 2, 2024

Delegation of Al-Farabi Kazakh National University consisting of vice-rectors, heads of departments and professors paid a working visit to Urumqi city of China.

As part of the business trip, they took part in the Silk Road Health Forum, the Fifth "One Belt, One Road" Academic Summit and the Fifth Shanghai Cooperation Organization Hospital Cooperation Forum.

The event was organized by the Health Commission of Xinjiang Uygur Autonomous Region, the China Hospital Association, and the People's Hospital of Xinjiang Uygur Autonomous Region.



During the working trip to China a number of agreements were reached. In particular, a joint clinical simulation center with the second state hospital of Xinjiang will be opened on the basis of the Faculty of Medicine and Public Health of KazNU. Within the framework of the memorandum, the second state hospital of Xinjiang will provide the necessary devices and apparatuses. This center, in turn, will contribute to improving the knowledge of teachers and students, training qualified specialists.



A contract was also signed with the Research Center of Medicinal Plants of KazNU and the Chinese Center of Medicinal Plant Products. Under the agreement, specialists from the two centers will exchange experience and jointly conduct scientific research.



AL-FARABI KAZNU TOWARDS TO BUILDING RESILIENT INFRASTRUCTURE PROMOTE INCLUSIVE AND SUSTAINABLE INDUSTRIALIZATION, AND FOSTERING INNOVATION

July 3, 2024

At the meeting of the Head of State of Kazakhstan Kassym Zhomart Tokayev and Chairman of the People's Republic of China Xi Jinping signed an agreement on the delivery of a supercomputer to Al-Farabi KazNU.

The supercomputer will be used to create digital twins, artificial intelligence technology, knowledge-intensive computing in the main areas of the university's activities, management and organization of IoT-objects, development of software for the management of Smart-technology objects and many others.

It should be noted that the peak performance of the proposed supercomputer is 1.94 PFLOPS and will be the most powerful supercomputer in Central Asia.

The supercomputer will create an opportunity for scientists throughout Kazakhstan to work with large amounts of data, model various situations of government agencies, and become a new era in the development of the country's IT infrastructure.



KAZNU AND NWPU WILL LAUNCH A MICROSATELLITE INTO SPACE

July 3, 2024

Al-Farabi Kazakh National University and Northwest Polytechnic University of the People's Republic of China signed an agreement on microsatellite scientific research.

This agreement was reached during negotiations between the Head of State Kasym-Jomart Tokayev and President of the People's Republic of China Xi Jinping, who arrived on an official visit to Kazakhstan.



This initiative is being implemented for the first time among Kazakhstani universities at Al-Farabi KazNU.

Joint work, in turn, opens the way to space research, training of qualified specialists and development of common satellites. It also makes it possible to conduct remote sensing studies of the Earth using a microsatellite.

Northwestern Polytechnic University is a leader in space launches in the PRC.



The aim of the project is to develop equipment for gravimetric measurements, including a special ground station and a transmitter on board the satellite to detect density inhomogeneities in the Earth's crust and mantle. This payload is intended to solve fundamental problems in the study of geodynamic processes at great depths.

The microsatellite, realized jointly by the two universities, is planned to be launched into space within the framework of the SCO Year of Ecology and the 90th anniversary of KazNU.

It should be noted that the Kazakh National University named after Al-Farabi is the only university in our country that has experience in launching nanosatellites into Earth orbit. To date, the institution of higher education has launched nanosatellites "Al-Farabi-1" and "Al-Farabi-2".



SCIENTIFIC AND EDUCATIONAL TIES BETWEEN UNIVERSITIES OF THE SCO MEMBER STATES WILL INCREASE

July 4, 2024

The International Symposium of SCO Universities "Cooperation in Higher Education and Production Integration" was held in Astana.

The large-scale event was attended by Bolat Akchulakov, Advisor to the President of the Republic of Kazakhstan, Huai Jinpeng, Minister of Education of the People's Republic of China, Sayasat Nurbek, Minister of Science and Higher Education of the Republic of Kazakhstan, Secretariat of the Silk Road Universities Alliance, Zhanseit Tuimebayev, Chairman of the Board - Rector of Al-Farabi Kazakh National University, Liqun Zhang, Rector of Xi'an Jiaotong University, Serik Omirbaev, Acting Rector of Astana IT University, and rectors of 30 universities.



The international meeting is organized by the Silk Road Universities Alliance, Al-Farabi Kazakh National University, Xi'an Jiaotong University and Astana IT University.

The symposium was opened by Bolat Akchulakov, Advisor to the President of the Republic of Kazakhstan. In turn, Minister of Science and Higher Education Sayasat Nurbek noted that in recent years, the partnership between universities of the Shanghai Cooperation Organization has reached a new level. During the event, the rector of KazNU Zhanseit Tuimebayev spoke about the activities of higher education institutions as an active participant of the SCO. In his speech, the head of the university also noted the importance of participation of the world's universities in the international event.

An exhibition of educational and scientific achievements of the SCO member countries was also organized during the event.



COOPERATION IN HIGHER EDUCATION BETWEEN THE UNIVERSITIES OF THE SILK ROAD ALLIANCE WITHIN THE FRAMEWORK OF THE SCO STATE MEETING

July 4, 2024

At the international symposium, "Cooperation in Higher Education and Production Integration" held in Astana, the Silk Road Universities Alliance (UASR) signed an agreement on China-Kazakhstan cooperation in the spheres of industry, education, science, technology. The initiators of the agreement are Al-Farabi Kazakh National University, Xi'an Jiaotong TBEA Co., Ltd. and Farabi Technology Innovation Park.



The main objective is to promote coordinated development of science, technology, education and human resources by connecting to global innovation resources and integrating into the global innovation ecosystem. Under the agreement, Al-Farabi Kazakh National University will act as a liaison for Kazakh universities and Xi'an Jiaotong University for the Chinese side. The two universities will be responsible for day-to-day communication and coordination, jointly ensuring the effective resolution of specific issues on cooperation and interaction between the universities of both countries.

The document identifies 197 enterprises that are among the Chinese members of the collaboration. These manufacturing companies work closely with Xi'an Jiaotong University, UASR member universities and member universities of the Yellow River Basin University Alliance. Kazakhstani members of the collaboration included Farabi Technology Innovation Park.

To develop the partnership, comprehensive support will be provided to Chinese and Kazakh universities and enterprises to establish overseas innovation centers and consortia. The centers will pool scientific and technological innovation resources to promote regional technological progress. To integrate industry, universities and research, the consortia will implement the "1121" model - "One Center, One Incubator, Two Chains, and One Common Platform". The model will promote cross-border cooperation between industry, universities and research institutes.

According to the organizers, the agreement aims to integrate educational resources with industry needs, achieve mutual benefits and results, and support the further development of the Silk Road Economic Belt.



KAZNU AND XI'AN JIAOTONG UNIVERSITY WILL CREATE A RESEARCH AND INNOVATION CENTER

July 5, 2024

The delegation headed by the President of Xi'an Jiaotong Zhang Liyun visited Kazakh National University named after Al-Farabi and met with the staff of the university. The meeting was attended by vice-rectors, heads of departments and structural units, deans of faculties, scientists, and faculty.



The event was opened by the Chairman of the Board - Rector of Al-Farabi Kazakh National University Zhansait Tuimebayev, who noted that cooperation between the two universities is developing at a high pace.

"Jiaotong University is the oldest higher education institution in China. Next year, the university will celebrate its 130th anniversary. Currently, the university has more than 59 thousand students. Of them more than 31 thousand master's students, more than 10 thousand doctoral students. Today Xi'an Jiaotong University is making great progress in artificial intelligence, energy and humanities. And according to the results of international rankings, we rank first in the world in the field of mechanical engineering. In the future, Al-Farabi Kazakh National University and Xi'an Jiaotong University should still realize large-scale projects, including strengthening scientific ties and work on the establishment of a joint hub," said Zhang Liyun.

During the meeting Zhansait Tuimebayev awarded the President of Xi'an Jiaotong University Zhang Liyun the title of "Honorary Professor of KazNU" by the decision of the Academic Council.

After the event, members of the delegation visited scientific laboratories and centers of the university, got acquainted with the scientific infrastructure of KazNU. In addition, they visited the branch of the Northwestern Polytechnic University of China, operating on the basis of the university, and were satisfied with the results of the work.



KAZNU ESTABLISHES COOPERATION WITH KYUNG DONG UNIVERSITY

July 9, 2024

Chairman of the Board - Rector of Al-Farabi KazNU Zhanseit Tuimebayev met with the delegation headed by the President of Kyungdong University Mr. Lee Jong.



At the meeting, Rector of KazNU Zhanseit Tuimebayev spoke about the activities of the university and its achievements, noting that the study of oriental languages within the walls of the university began in the 70s of the twentieth century. "The Faculty of Oriental Studies of the University is a large center of training of highly qualified specialists with knowledge of Oriental languages, in demand abroad and in various spheres of economy and foreign policy of the country. The Far East Department is successfully working at the faculty," the rector said. In his speech, he noted the scientific and educational experience of KazNU with universities, institutes and organizations of Korea.

In turn, Mr. Lee John thanked the leadership of KazNU for their time and spoke about the history of the university. "Kyungdong University with 35 faculties was founded in 1981. It has more than 10 thousand students, 20 percent of them are foreign students. At the same time, we are ready to cooperate with you on student exchange, research, joint implementation of double degree programs," President Lee John stressed.

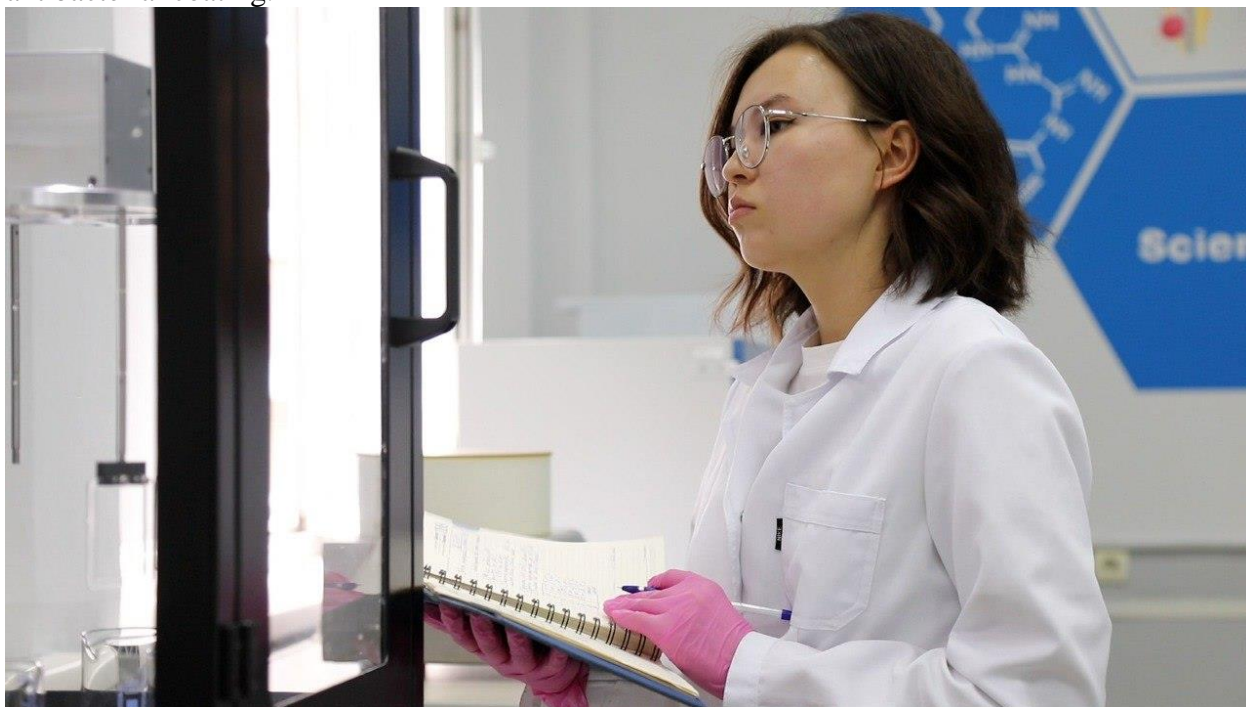
Today, Al-Farabi KazNU has established strategic cooperation with 59 universities and organizations in South Korea. Leading Korean scientists have been engaged for scientific supervision and lecturing to PhD students of KazNU. In 2022, three professors from Sunmen University of Korea were invited to the university. One of them - Professor Lee Beng Jo today continues teaching activities in the walls of KazNU. The university also has an International Center of Korean Studies, aimed at comprehensive study of Korean history, culture, politics, economics, Korean language.



KAZNU SCIENTISTS HAVE DEVELOPED A WAY TO SAVE HUMAN LIVES

July 15, 2024

Scientists from the Faculty of Chemistry and Chemical Technology at Al-Farabi Kazakh National University have improved surgical thread used during operations and developed an antibacterial coating.



“Today, medical professionals use surgical threads to stitch wounds during surgery. In some cases, bacteria can appear on the surface of the threads, causing infections. This can lead to a repeat surgery, which can be life-threatening,” say the scientists from the "ChemMedLab" laboratory.

“Surgical threads do not have such a protective mechanism as the human body. They are an optimal environment for the adhesion and growth of harmful microorganisms. Our research group aims to create an antibacterial coating on the surface of surgical threads and bring it to production. Multi-layered nanoscale coatings are applied to the surface of the threads, with the final layer containing an antibacterial agent. Unlike conventional antibiotics, this agent acts quickly against bacteria,” says Aizhan Seydullaeva, a researcher at the laboratory.

Currently, the university has received a patent for the developed antibacterial surgical threads and published articles in international journals. The innovative project has attracted the interest of RuMa Farm, a company that produces surgical threads used in operations, which has expressed a willingness to collaborate with the researchers.

“Analogues of antibacterial filaments are available on the world market. However, this project is being implemented in our country for the first time. During surgeries, surgeons treat threads with alcohol or a chlorhexidine solution and then stitch the wound. However, this approach has a drawback: it is not very effective in combating infection. The threads we have developed will feature coatings that will prevent bacteria from settling if necessary. Additionally, the antibacterial effect lasts for one month,” says Aizhan Seydullaeva.

The scientists at Al-Farabi Kazakh National University are not planning to stop there. In the future, they intend to conduct further research on this project and bring the products to market.



AL-FARABI BUSINESS SCHOOL EXPANDS THE BOUNDARIES OF PARTNERSHIP

July 15, 2024

Representatives of Al-Farabi Business School of Al-Farabi Kazakh National University visited universities in Spain and Portugal. The purpose of the business trip is to deepen international cooperation and establish new partnerships with leading educational institutions in Europe.



The delegation of Al-Farabi Business School visited GBSB-Global Business School and discussed the prospects of mutually beneficial cooperation at the meeting. This business school is internationally recognized and accredited by ACBSP, MFHEA, ASIC and CBA, BSB Global.

Within the framework of the visit the specialists got acquainted with the internship program for undergraduates of KazNU. Meetings with official representatives of the business school allowed to discuss the possibilities of expanding academic and scientific cooperation between educational institutions. Also Al-Farabi Business School and Porto Business School signed a memorandum of understanding. Porto Business School is ranked 108th in QS 2024 Europe Ranking and is known for its international presence and regular participation in the Financial Times ranking since 2011, as well as AMBA award for achievements in entrepreneurship.

During the visit was discussed and created a special internship program for Kazakhstani masters and doctoral students, including both theoretical training and practical interaction with leading companies in Portugal.

The delegation of KazNU Business School also held a meeting at the Autonomous University of Madrid, one of the leading autonomous universities in Spain. As a result of the visit a memorandum of understanding was signed, discussing the prospects of a two-diploma program between universities. Master students of Al-Farabi Business School plan to start a research internship at the Autonomous University of Madrid this fall, which will be a new important stage in their academic training and international experience.

This business trip emphasized Al-Farabi Business School's aspiration to develop international relations and strengthen its position in the world educational arena.



NEW SPECIALTY “WATER DIPLOMACY”

July 19, 2024

This educational program is the first and only one in the Republic of Kazakhstan, including in Central Asia. The program will train competitive personnel in the field of water diplomacy. Their work will be aimed at maintaining cooperation in peaceful relations between countries regarding the management and use of water resources, in the event of disputes, conflicts or potential causes of tension between States. The program will allow you to better understand the problems of water resources and environmental problems, master the methods and techniques of negotiations in the field of water use, improve the experience of developing international cooperation and participation in specific projects. Students can listen to lectures by the world's leading experts and qualified specialists; complete a semester of study and internship at the University of Oregon, USA. The program will train competitive personnel in the field of water diplomacy. Their work will be aimed at supporting the cooperation of peaceful relations between countries regarding the management and use of water resources in the event of disputes, conflicts or possible causes of tension between States. Water is a strategic resource of the 21st century. In Central Asia, where water resources are often the subject of conflicts, the development of water diplomacy is of particular importance. This program will help specialists become a key player in preventing water conflicts and promoting sustainable development in the region. The new program is suitable: - future diplomats and civil servants; -specialists in the field of ecology and environmental management; -lawyers and experts in the field of international relations; - to everyone who wants to contribute to global stability and sustainability. THE CODE is M085 (Hydrology) Water diplomacy. The direction is the scientific and pedagogical master's degree. The duration is 2 years. Training will begin in September 2024. Do not miss the chance to become the first graduate of a new unique program.



A FRUITFUL PARTNERSHIP WITH NANJING UNIVERSITY

July 19, 2024

A delegation from Nanjing University (PRC) paid a working visit to Al-Farabi Kazakh National University. New prospects and directions of mutually beneficial cooperation were outlined during the meeting of representatives of the leadership of the partner universities.



In his welcoming speech, Deputy Chairman of the Board - Acting First Vice-Rector Erkin Duisenov thanked the guests of honour for their interest in deepening cooperation with Al-Farabi KazNU. He noted the increased relevance of interaction between Kazakhstan and China in the field of science and education in the light of the agenda of the recently held in Astana SCO summit.

Currently, the leading university of the country actively cooperates with 63 universities of the PRC, including Peking University, Shanghai University of Foreign Languages, Shanghai University of Politics and Law, Wuhan University and others. Within the framework of fruitful partnership between Al-Farabi KazNU and Nanjing University of Science and Technology (PRC), the opening ceremony of the joint International Kazakh-Chinese scientific laboratory on energy-efficient nanotechnologies took place. On the basis of the Faculty of Oriental Studies successfully operates Confucius Institute, opened a branch of the North-West Polytechnic University (NWPU) of the PRC, teaching educational programmes: ‘Electronics and Communication Technologies’, ‘Materials Science and Engineering’, ‘Computer Science and Technology’.

In response, the Secretary of the Party Committee of Nanjing University, Tang Tienyu, thanked the KazNU leadership for the warm welcome and support, and expressed willingness to develop new areas of cooperation. During the meeting, a video presentation was shown about Nanjing University - one of the oldest and most prestigious higher education institutions in China. It is a member of the 'C9 League' of nine elite Chinese universities.

The participants of the meeting discussed the development of further cooperation in the field of implementation of joint scientific and educational projects, academic exchanges, etc.



KAZNU STUDENTS PARTICIPATED IN THE SUMMER SCHOOL IN XINJIANG UNIVERSITY

July 31, 2024

Students of the Faculty of Geography and Nature Management of the Kazakh National University named after Al-Farabi successfully completed the Summer School "Scientific and technical innovation and educational activities in the field of teaching geography of arid regions", which was held in the city of Urumqi.



The summer school programme included lectures on advanced scientific issues in geography, such as climate change, urbanisation processes, as well as new technologies and methods of geographical research. In addition to the educational process, excursions to museums and cultural centres were organised for students to get acquainted with the historical and cultural heritage of China.

Representatives of the College of Geographical Sciences and Remote Sensing were present at the closing ceremony. The Dean of the College made a congratulatory speech and congratulated all participants on the successful completion of the first summer school. He expressed his great gratitude to all the teachers, participants and volunteers and hoped that this event left good impressions, which will also be the beginning of further co-operation between our universities.

The importance of this event for the establishment of academic exchange and scientific ties between Kazakhstan and China was noted by PhD, senior lecturer of Al-Farabi KazNU D.K. Shokparova.

The summer school, demonstrating the importance of international co-operation in education and science, was a successful platform for academic and cultural interaction.

KAZNU BUSINESS SCHOOL AND BEIJING AECC INSTITUTE BECAME PARTNERS

August 2, 2024

A meeting of representatives of KazNU Business School and Beijing training organisation The Beijing International Institute of Asia-Europe Education and Culture (AECC) took place at Al-Farabi Kazakh National University.



This event was an important step in strengthening co-operation between Kazakhstan and China in the field of business education and cultural exchange.

AECC is a leading educational and cultural organisation based in Beijing, China. The Institute specialises in the development of educational programmes and cultural exchange between Asian and European countries. Its mission is to promote mutual understanding and co-operation between different cultures and educational systems.

At the meeting the prospects of mutual exchange of students and teachers, as well as the implementation of joint educational projects were discussed. The representatives of the Chinese delegation expressed their interest in deepening the partnership and emphasised the importance of intercultural exchange for improving the quality of education.

Professor Yao Bo, Director of the Institute, said: "Our co-operation with KazNU Business School is an important step in strengthening educational and cultural ties between our countries. We are confident that joint projects and exchange of experience will bring great results and promote mutual understanding and business development in both countries".

At the end of the meeting the parties signed a memorandum of cooperation, which provides for the development of joint educational programmes, exchange of scientific publications and organisation of international business conferences and seminars.

This meeting was another confirmation of Kazakhstan and China's desire to deepen educational and cultural ties, which will undoubtedly benefit both students and teachers and society as a whole.

KAZNU CREATED AN ARCHAEOLOGICAL EXPEDITION WITH CAMBRIDGE SCIENTISTS

August 6, 2024

The archaeological expedition "Tarbagatai" of Al-Farabi KazNU conducts field research in the Abay region. The expedition is made up of doctoral, master's and undergraduate students of KazNU, as well as young scientists from Cambridge University.

This project is implemented in the Ushbulak complex within the framework of the scientific grant of the Science Committee of the Ministry of Education and Science of the Republic of Kazakhstan on the theme "Archaeological complexes of the Early Iron Age in the southern slopes of Tarbagatai: interdisciplinary research".



The archaeological complex Ushbulak is located near the village of Taskesken in Urjar district of Abay region. This complex contains ancient settlements, funerary structures and rock paintings.

Excavation work was carried out at one of the dwellings of Ushbulak-1 settlement. As a result, fragments of pottery, osteological material and tools were found. Several stone planes with ancient drawings located near the settlement were also photographed. The planes depict images of different compositions, most of which belong to the Early Iron Age.

The expedition staff organised field trips for schoolchildren in the village of Taskesken and gave short lectures on archaeological science.

The head of the scientific project and expedition is the Head of the Department of Archaeology, Ethnology and Museology, PhD Rinat Zhumataev.

SCIENTIFIC TIES WITH CHINESE SPECIALISTS ARE EXPANDING

August 8, 2024

Chairman of the Board of Kazakhstan-China Trade Association Kanat Beisek and a delegation from the Chinese city of Linyi arrived at Al-Farabi KazNU with a working visit.



The visit took place within the framework of the exhibition of industrial goods and services of Linyi, which is held in Almaty. The large-scale event was initiated by the Kazakhstan-China Trade Promotion Association and the administration of the city of Linyi (Shandong Province, PRC).

The city of Linyi, known as the "logistics capital of China", ranks 5th in the PRC in terms of tax revenues from business in Shandong province and is known for its achievements in agriculture, trade, tourism, production of various goods and services, scientific activity.

The guests visited the joint Kazakhstan-China laboratory "Technologies and application of remote sensing" on the basis of KazNU, 10 innovative laboratories of the scientific centre "Sustainable development and rational nature management" and the Laboratory of electrochemical production technologies, exchanged opinions with scientists and got acquainted with the implemented projects.

Chairman of the Kazakh-Chinese Trade Association Kanat Beisek highly appreciated the scientific and educational opportunities of the university and noted the dynamic development of cooperation between the two countries in the field of education and science.

As part of the exhibition programme, a special campus tour was organised for members of the Chinese delegation to get acquainted with Al-Farabi KazNU. Chinese specialists paid special attention to the scientific research conducted in KazNU, and opportunities for participation of students and teachers at the university in international educational programmes and projects. Both sides agreed on further strengthening of scientific ties and implementation of joint projects.

From the side of KazNU it was offered to create a joint centre on manufacturing of medicines from natural herbs and to organize courses of Kazakh and Japanese language. This initiative will further increase the interest of Japanese youth in learning the Kazakh language. This year, two students from the University of Tsukuba are studying the Kazakh language at KazNU.



A SEISMIC CENTRE WILL BE SET UP IN COOPERATION WITH THE UNIVERSITY OF TSUKUBA

August 9, 2024

A Seismic Centre will be established at Al-Farabi KazNU. The heads of partner universities - KazNU and the University of Tsukuba (Japan) agreed on the implementation of a joint project.



The agreement on the project implementation was reached during the meeting between the Chairman of the Board - Rector of Al-Farabi Kazakh National University Zhanseit Tuimebayev and the Rector of Tsukuba University Nagata Kyosuke.

The meeting was held in the framework of the VI Consultative Meeting of Heads of State of Central Asia and the first summit "CA + Japan". The event, which is taking place these days in Astana, is attended by heads of Central Asian countries, statesmen, heads of departments, representatives of business and non-governmental organisations. The focus of the discussion is on the development of a green economy, transport and logistics, as well as finance and human capital.

As part of the project preparation, the two universities will develop areas of mutually beneficial co-operation, such as student and faculty exchanges, joint seminars and research. This initiative is aimed at interaction between the two countries, talent development and further strengthening relations.



COMPETITION OF ROBOTICS AND INNOVATIVE TECHNOLOGIES "ALMATY TECH CUP X"

August 10, 2024

Al-Farabi Kazakh National University hosted the 10th anniversary championship on robotics and innovative technologies "Almaty Tech Cup X", timed to coincide with the Cup of the Governor of Almaty.

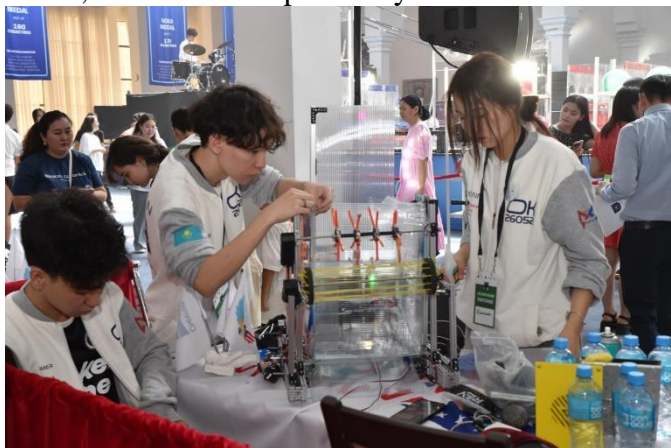


The competition, which united educated youth, was organised by the Governor Almaty City, Almaty City Education Department, USTEM Foundation and KazNU.

The project provides an opportunity to share experience in robotics and innovative technologies, create new innovative projects, and involve young people in science. Rector of KazNU Zhanseit Tuimebayev identified the improvement of IT-technologies in the educational institution as one of the priority directions of the university development.

Teachers at universities, student youth, representatives of large companies and scientific organisations gather on one platform, share experience, exchange opinions.

Today, the university has educational programmes at bachelor's, master's and doctoral levels, based on a deep mastery of this area.



RESEARCH ON YEAST PRODUCTION

September 10, 2024

Within the framework of the UN Sustainable Development Goals (SDG 12 "Ensuring the transition to rational consumption and production models"), an excursion to the yeast factory in Almaty was organized for 2nd year KazNU students of the Faculty of Biology and Biotechnology. The main purpose of the tour was to demonstrate the production process of yeast, which plays an important role in the food and pharmaceutical industries. The event has become a key element of the practical training of students, allowing them to be directly acquainted with the production processes.

The students observed each stage of production in real time, from cultivation to fermentation and purification, which contributed to a deep understanding of biotechnological processes and their practical applications. In addition, students gained knowledge about the importance of compliance with quality and safety standards at work.



Thus, the excursion to the yeast factory has become an invaluable experience, enriching students with practical skills and knowledge that will be useful in their future professional activities.



INTERNSHIP AT FUDAN UNIVERSITY

September 10, 2024

A group of scientists from KazNU visited Fudan University (Shanghai, China), ranked 36th in the QS world ranking, where they studied for 72 hours as part of the program "Revival of single-industry towns in the context of the creation of New Kazakhstan based on territorial marketing". During the visit to Fudan University, a meeting was held with the Director of the International Cooperation Office, Ms. Yifang Xu. The issues of developing a double degree and international



cooperation were discussed.

KAZNU UNDERGRADUATES HAVE BEEN TRAINED IN FRANCE

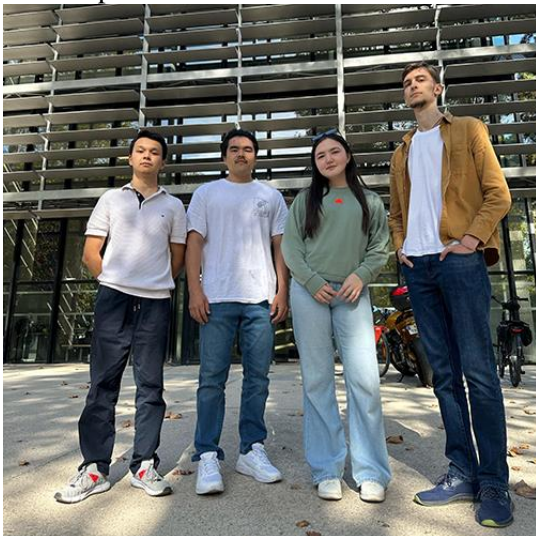
September 11, 2024

Undergraduates of the Department of Physical Chemistry, Catalysis and Petrochemistry of Al-Farabi Kazakh National University, studying in the second year in the specialty "Petrochemistry", successfully completed a 10-month training in a joint educational program at one of the most prestigious universities in France - Claude Bernard Lyon University.



The initiator of the joint educational program was the head of the Department of Physical Chemistry, Catalysis and Petrochemistry, Doctor of Chemical Sciences, Professor Y.A.Aubakirov. Thanks largely to his efforts; undergraduates of Al-Farabi Kazakh National University received a unique opportunity to study at the best universities in Europe and a chance to realize their ambitious scientific dreams. KazNU graduate student Ivan Klassen enrolled in a doctoral program at the University of Manchester in the UK.

Associate Professor of Chemistry Shashank Mishra expressed gratitude for the fact that KazNU sent motivated and talented students who showed their best side to study. The positive feedback confirms that cooperation between universities is bearing fruit and opens up new opportunities for our students.



ACADEMIC RELATIONS WITH THE UNIVERSITY OF MICHIGAN

September 12, 2024

The Rector of the University met with representatives of the University of Michigan at the Al-Farabi Kazakh National University. They discussed key issues related to joint scientific research, exchange of students and teachers, as well as the implementation of joint educational programs.

Today, the country's leading university has partnerships with 18 universities and organizations in the United States. Thanks to close collaborations for the 2023/24 academic year, 4 teachers and 53 students from the United States were sent to the Treasury for training, scientific internships and research work. In addition, last year, under the academic mobility program, 29 students and 12 teachers of KazNU completed training, scientific internships and participated in research work at US universities.



Representatives of the MSU delegation of the University of Michigan (1855), headed by Vladimir Tarabara, Professor of the Department of Civil and Environmental Engineering, expressed interest in developing joint projects, especially in the field of STEM and humanities. They noted that the exchange of experience and knowledge could contribute to the development of innovative solutions to current problems. During the negotiations, the parties discussed possible internship programs for students, the organization of joint conferences and seminars, as well as the possibility of obtaining grants for research projects.

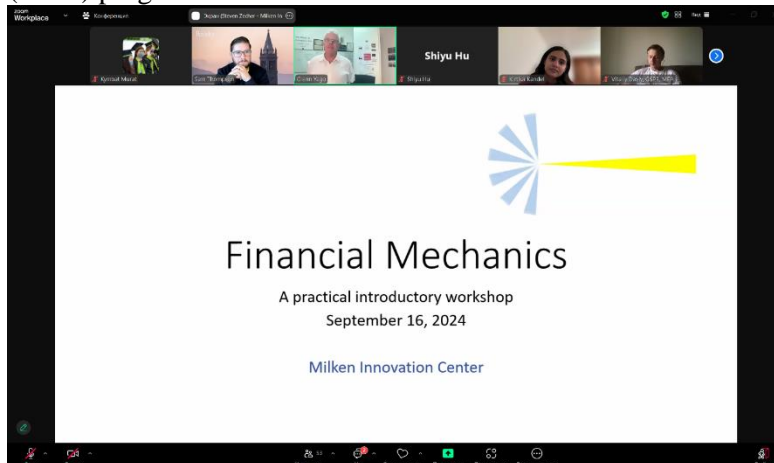


INTERNATIONAL ONLINE COURSE ON SUSTAINABLE FINANCE

September 17, 2024

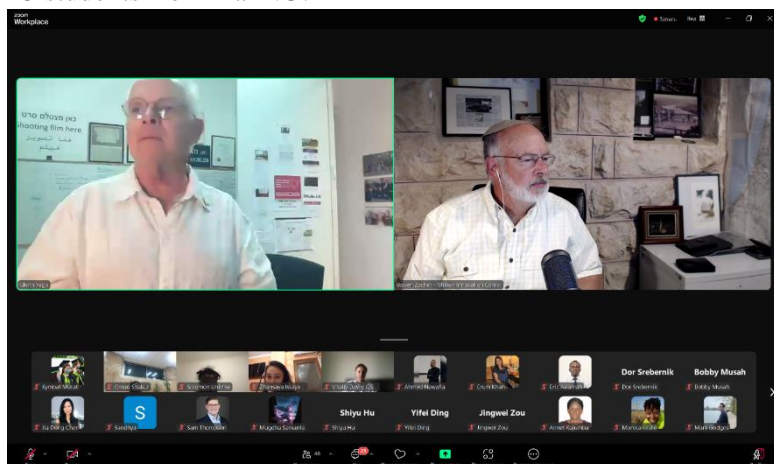
Global Online course on Sustainable Financing and Impact Investing coordinated by Ban Ki-moon Institute for Sustainable Development is launched for KazNU students.

UC Berkeley, in partnership with the Hebrew University Business School MBA, organized a three-month course on Sustainable Financing and Impact Investing within the master's in development Practice (MDP) program member universities.



Al-Farabi KazNU has been a member of the MDP since 2011. The MDP is an interdisciplinary graduate degree program, which prepares students to better identify and address the challenges of sustainable development. Program designed for generalist development practitioners, specialist development practitioners, policy administrators and policy professionals, private-sector professionals, educators.

On September 17th, 2024 a practical introductory workshop of the online course on Sustainable Financing and Impact Investing delivered by Prof. Glenn Yago and Prof. Steven Zecher from the Jerusalem Institute for Policy Research's Milken Innovation Center where it gathered over 60 listeners, among them 25 students from KazNU.





SCIENTIFIC COOPERATION WITH THE GERMAN RESEARCH SOCIETY

September 18, 2024



A meeting with representatives of the German Research Society (DFG) was held at Al-Farabi Kazakh National University as part of the expansion of scientific cooperation with the Central Asian region.

The purpose of the visit to the Al-Farabi Kazakh National University is to strengthen bilateral scientific cooperation at the institutional level. On this occasion, the university organized a hybrid information event with the participation of more than 100 stakeholders for all faculties. German colleagues presented their institutes, met with potential partner institutions and demonstrated research developments.



The participants also identified possible thematic areas for future cooperation: They also serve to achieve the UN Sustainable Development Goals and have been mentioned as priority research areas in the EU-Central Asia Strategy (energy security, climate protection, environment, health and digitalization). DFG is already financing research projects in these areas together with Kazakh partners.



WORLD METEOROLOGICAL ORGANIZATION CONDUCTS TRAINING IN THE TREASURY

September 18, 2024

A two-day international training course for meteorologists on satellite meteorological data and its application, the WMO-CIMSS Meteorologist Training on Satellite Meteorological Data, has begun at Al-Farabi Kazakh National University.

The Faculty of Geography and Environmental Management organized this event in collaboration with the World Meteorological Organization (WMO) and the Kazakhstan Meteorological Institute (KMI).



The purpose of the training is to provide comprehensive information on the use of satellite data for meteorological purposes. It will include laboratory classes so that forecasters can gain hands-on experience working with products based on real data.

Representatives of the World Meteorological Organization, young scientists and students of Al-Farabi Kazakh National University and leading universities of Kazakhstan, Azerbaijan, Armenia, Belarus, Kyrgyzstan, the Republic of Moldova, the Russian Federation, Tajikistan, Turkmenistan and Uzbekistan take part in the training.

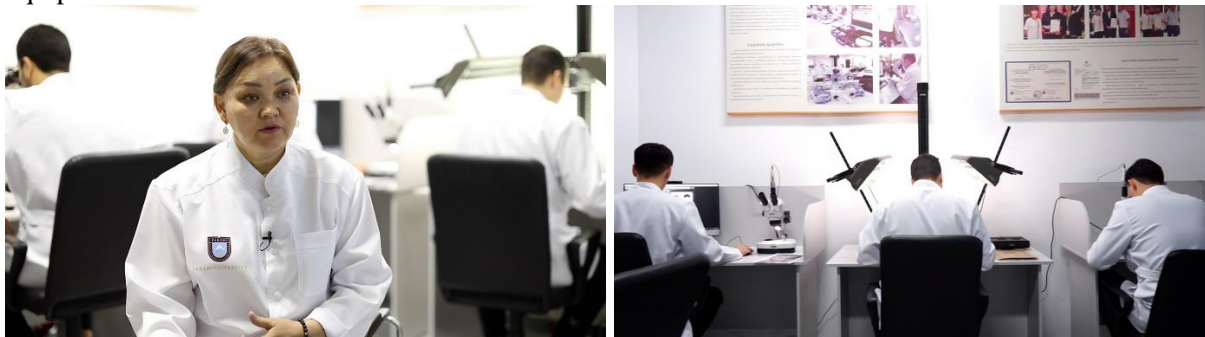
The classes were taught by Tim Wagner, a researcher from the University of Wisconsin-Madison in the USA, and Natalia Donohova, head of the Department of Space Systems and Applications at the World Meteorological Organization.



KazNU students carry out forensic examination with the latest equipment

8 November 2024

Students of Al-Farabi Kazakh National University are engaged in conducting forensic examinations. The Centre for Forensic Expertise, established in 2016, is now equipped with the latest equipment.



This centre was opened for the first time among domestic universities in KazNU. It was also one of the first to receive a licence to train specialists performing forensic examination. Here students, masters and doctoral students of higher education institution undergo practical training to improve their knowledge. The centre has a full opportunity to conduct special studies in such areas as: examination of documents, trace, ballistic, computer, molecular-genetic expertise.

Here students are taught by teachers of KazNU, who have passed training and advanced training under the programme ‘Bolashak’ in Great Britain and Turkey. According to scientists of the Department of Criminal Law, Criminal Procedure and Criminalistics of the Faculty of Law, the centre provides methodological and methodological assistance to law enforcement agencies.

‘We have a comparative microscope for forensic examination, including ballistic examination. Its main peculiarity is that it is designed to study offences committed with the help of small arms. That is, it helps to determine the trajectory of a bullet and from what direction it was fired. With the help of a comparative microscope it is possible to find out whether a person committed suicide or someone killed him. Only Al-Farabi KazNU has such a device among domestic universities,’ said Sulushash Daubasova, a senior lecturer at KazNU.

The centre also has a box for detecting offenders by smell and a machine for analysing small arms.

Specialists of the Forensic Centre intend to conduct joint research and training of specialists in IT, chemistry, physics and biology in the future together with KazNU faculties.

Prospects of science and artificial intelligence

12 December 2024

The Farabi Library hosted the Artificial Intelligence Farabi Fest (AI Farabi Fest), organized by the Department of Artificial Intelligence and Big Data of Al-Farabi Kazakh National University with the support of NVIDIA Corporation and leading experts in the field of artificial intelligence.

The event has become a unique platform for exploring advanced technologies and their real-world applications in areas such as medicine, computer, games, education and creativity.

AI Farabi Fest is aimed at popularizing artificial intelligence technologies, demonstrating their capabilities and practical applications. This is a source of inspiration for the participants, an incentive to use AI to solve real problems.

The event was attended by experts from NVIDIA and other industry leaders, scientists and teachers studying at the university.



Oleg Shkoda, senior technical product marketing manager at NVIDIA Corporation, introduced GeForce RTX technologies, which are actively changing the approach to learning, gaming and creativity, providing a new level of performance thanks to innovations in graphics, artificial intelligence and hardware acceleration.

Alexander Erokhin, managing director of HYPERPC Kazakhstan, spoke about the future of gaming technologies and artificial intelligence. The interaction of innovations in graphics, computing power and AI allows not only to create new types of content, but also changes the way users perceive technology. Nurzhan Baltabai, technical director of 3MIS LLP, focused on digital medical systems aimed at improving the diagnosis, treatment and monitoring of patient health.

After the speeches, the speakers answered numerous questions from the students. Students were given fitcoins for the best questions.

An AI CTF tournament was held as part of the festival. It was attended by 196 people, which indicates a high interest in the competition and involvement in the event. Various interactive AI contests were also held, which allowed students to test their skills in AI-related tasks: from image recognition and audio to solving chess problems generated by neural networks.

For active participation in sessions with speakers, in the AI CTF tournament, as well as in AI contests, students received bitcoins for which they could take prizes in the prize shop. Among the popular prizes were hoodies, backpacks, thermal mugs and branded stickers of the festival.

AI Farabi Fest 2024 has become an important step in promoting AI technologies in Kazakhstan. The organizers express their gratitude to all participants and sponsors and are preparing for new large-scale events in the future.

Technologies sought and offered (in the form of announcements);

The archaeozoological centre ZooStan is now open

8 November 2024

The first scientific Kazakh-French centre ‘Archaeozoological Centre for the Study of Central Asia - ZooStan’ was opened in Al-Farabi KazNU. On the part of France, the organiser was CNRS - the leading state scientific institution of France.



The main objective of the ZooStan Centre is to study the past of human societies through the prism of the dynamics of human-animal relations over the last million years.

Three main themes are being studied within the work of the research centre: ‘Evolution of paleofauna and archaeological sites’, ‘Animals as a driving force behind the evolution of technological,

economic and symbolic activities of human society’, and ‘Human settlement in extreme environments, especially at high altitudes’.

The research centre consists of 13 researchers from France, Kazakhstan, USA, Pakistan, Tajikistan and Kyrgyzstan. The director of ZooStal is William Rendue and the co-director from Kazakhstan is Rinat Zhumataev.

The Centre's activities are carried out in three areas: archaeological excavations, laboratory research and training of the young generation in the latest methods of archaeological research.

Field research is conducted at 13 archaeological sites located in France, Kazakhstan, Kyrgyzstan and Tajikistan. New monuments have been discovered during the field work.

Two scientific platforms - Cementochronology and ZooMS - are also being created on the basis of the Archaeozoological Centre. The method of cementochronology is aimed at studying the seasonality of birth, death and age of mammals. Its wide application will make it possible to answer many intriguing questions in the archaeology of Central Asia, such as: the season of habitation of different archaeological sites, the season of construction of burial mounds, the life expectancy of animals and people at different times in different territories.

The ZooMS laboratory will carry out proteomic analysis aimed at identifying animal bones. The fact is that most of the bones found by archaeologists are tiny fragments that cannot be identified. Of course, the application of the latest method is extremely important for modern archaeology.

In such a short period of time the scientific centre has achieved significant results. Scientists have published two articles and are preparing to print three articles in Web of Science Q1 journals. Two major international expeditions were held in Tajikistan and France. Financing of two large European projects totalling 650 thousand euros was attracted. Laboratory staff member S.V.Schneider organised a session on Central Asia at the World Neolithic Congress in Turkey in November 2024.

Preparatory work is currently underway for the organisation of an international archaeological school in France, scheduled for June 2025.

Laboratory of applied microbiology opened in KazNU

21 November 2024

Al-Farabi Kazakh National University hosted the international conference “Sustainable Future-2024: Biotech, Ecology, Energy” dedicated to the 90th anniversary of Al-Farabi Kazakh National University. Within the framework of the event, the International Laboratory of Applied Microbiology, created on the basis of Kazakh-German-Chinese partnership, was opened.



The event was attended by representatives of management, scientists, professors, teachers and students of universities. Scientists from leading universities of Germany, China, Pakistan and Kazakhstan made presentations. More than 60 students and young scientists from different countries of Central Asia presented reports and booklets on their research work.

The plenary session was opened by member of the Board - Vice-Rector for Scientific and Innovative Activities Zhamila Aitzhanova. She noted that Al-Farabi KazNU, Research Institute of Ecology and Bioresource Sustainability, faculties of Biology and Biotechnology, Geography and Nature Management make a significant contribution to sustainable development through education, research, partnership and social initiatives.

“Educational programs of KazNU faculties are aimed at training specialists who understand the importance of obtaining environmentally friendly products, processing raw materials necessary for agriculture and ecology. Thanks to scientific research, field experiments, cooperation with international

organizations, our students and teachers form the future of the industry focused on environmental sustainability and bio-resources”, - emphasized the Vice-Rector in her speech.

At the plenary session, presentations were made by: Professor Ilya Diegel-Aachensky (University of Applied Sciences, Germany), Professor Nurshat Nurazhi (Renewable Energy Laboratory, Department of Chemistry and Materials Science, School of Engineering and Digital Sciences, Nazarbayev University (Astana), Professor Dr. Zulfiyar Ali-IOFS, Director of Pakistan Division of Programs and Projects (Pakistan) and others.

The conference focused on cutting-edge advances in food and agricultural biotechnology, biodiversity conservation strategies and innovative biotechnological approaches to coal waste treatment. The conference resulted in the publication of 40 articles, recognized as the best, in journals indexed in the scientific database Scopus.

The opening ceremony of the International Laboratory of Applied Microbiology on the basis of Kazakhstan-German-Chinese partnership was held within the framework of the conference. The event was attended by German, Chinese and domestic scientists. Prof. Ilya Digel-Aachensky (University of Applied Sciences, Germany) was awarded the medal “Eren eenbegi ushin”. The participants were also awarded cash prizes in the nominations “Best Poster” and “Best Report”.

The laboratory's activity is aimed at the development of scientific research in the field of biotechnology at the international level, introduction of innovative biotechnologies and increasing the scientific potential of Kazakhstan. The scientific center was created as a result of joint work of Kazakh, German and Chinese scientists, focusing on applied branches of microbiology - agriculture, ecology, medicine and industry. The project will be a great contribution of Kazakhstan to the competitiveness of science and the realization of the Sustainable Development Goals.

Prospects for the development of quantum technologies

19 December 2024

Employees of the department of computer science, faculty of information technologies, Kazakh National University named after Al-Farabi visited SPINQ, a company based in Shenzhen (China), which specializes in the development of compact quantum computers.

The research group consisted of head of the department of computer science, Daribayev Beimbet Serikovich, doctoral student Mukhanbet Aksultan Aituaruly, and master's student Azatbekuly Nurtugan. During the visit, they got acquainted with compact models of quantum computers, such as SPINQ Gemini, SPINQ Gemini Lab, and SPINQ Triangulum. These devices are unique quantum systems designed for educational and research purposes, as well as for solving practical problems in scientific and industrial environments. SPINQ representatives demonstrated how quantum technologies can be used to solve optimization tasks and simulate complex physical processes that are beyond the reach of traditional computing systems.

The visit was an important step in expanding scientific collaboration and deepening knowledge in the field of quantum technologies. Currently, negotiations are underway between the two organizations to sign a cooperation agreement, which will further develop joint projects in the field of quantum technologies.

The visit was an important step in expanding scientific cooperation and deepening knowledge in the field of quantum technologies. At the moment, negotiations are underway to conclude a cooperation agreement that will ensure the further development of joint projects in the field of quantum technologies.



As part of this cooperation, it is planned to purchase a compact quantum computer for the computer science laboratory of Al-Farabi Kazakh National University. A computer uses the laws of quantum mechanics to process data, solving problems differently than traditional systems. This device is a simplified version of a quantum computer, designed mainly for scientific research and educational purposes. Unlike large quantum systems, this computer uses a small number of qubits and can function at room temperature, which makes it a convenient tool for studying the basics of quantum technologies and modeling small quantum processes.

The acquisition of such a device will allow the university to reach a new level in the education and research of quantum systems, as well as prepare specialists to work with advanced technologies of the future.

The university extends its sincere gratitude to SPINQ for the invaluable opportunity to engage with cutting-edge developments and observe the future of computer science in practice.

International partnerships/collaborations and agreements signed;

QS Pre-Summit brings together rectors of the world's universities

1 November 2024

Al-Farabi Kazakh National University hosted the QS Higher Education: Asia Pacific 2024 pre-summit dedicated to higher education. The international event was organised in honour of the 20th anniversary of the QS Asia Pacific Summit.



The meeting was attended by Jason Newman, Chief Commercial Officer of QS Quacquarelli Symonds, Advisor to the President of the Republic of Kazakhstan Malik Otarbayev, Minister of Science and Higher Education Sayasat Nurbek, Chairman of the Board - Rector of KazNU Zhanseit Tuimebayev, Akim of Almaty Yerbolat Dosaev, Regional Director for Client Partnerships in EAEU and Global Government of QS Sergey Khristolyubov. Rectors of 350 universities from 150 countries such as China, Japan, Malaysia, Indonesia, India, international experts and leaders of Kazakhstani higher education also gathered.

Rector of Al-Farabi Kazakh National University Zhanseit Tuimebayev addressed the participants with a welcoming speech.

‘Head of State Kasym-Jomart Tokayev said: ‘Education and science need international best practices. Universities and scientific organisations should become a strategic centre making a significant contribution to the socio-economic development of the country.’ Today, university science plays an important role in the development of the economy. Now global trends and modern challenges determine the development of higher education. QS is one of the most prestigious international rankings reflecting the performance and results of the world’s universities. Therefore, it is necessary to improve the best practices of training qualified specialists, implementing the results of scientific research in production,’ the rector said.

In turn, Chief Commercial Director of the analytical agency QS Quacquarelli Symonds Jason Newman noted the importance of holding the event at the leading university of Kazakhstan. In his speech, he also stressed that the pre-summit will be a platform for sharing best practices and ideas, identifying key trends and strategies to improve the quality of education and mobilise resources.

‘I am very pleased that the QS Pre-Summit is taking place in Kazakhstan, at one of the country’s leading universities, Al-Farabi KazNU. We cannot solve global problems alone, so it is important for us to work together. Today’s event brought together rectors of universities around the world and allowed to establish a dialogue between the parties in addressing issues of international level in the field of higher

education and science. The QS rankings have given an impetus to the revitalisation of all universities. In particular, it allowed universities to work closely with each other, develop academic mobility programmes, share experience, and increase the motivation of scientists,’ said Jason Newman. At the plenary session, Malik Otarbayev conveyed the sincere words of the Head of State Kasym-Jomart Tokayev. In his speech, the Advisor to the President emphasised that the issue of development of domestic science and education is under direct control of the Head of State.

‘The President of the country at the National Kurultai outlined our main goal. It is to become a progressive nation. The development of science and higher education is a strategically important priority for our country. Higher education contributes to the creation of an innovative and sustainable economy, increasing the competitiveness of the state. Issues related to knowledge and training of qualified specialists require international cooperation, active dialogue and exchange of experience. The Pre-Summit is aimed at improving the education system in the Asia-Pacific region and beyond, increasing the competitiveness of universities,’ said Malik Otarbayev.

During the event, the Minister of Science and Higher Education of Kazakhstan Sayasat Nurbek made a report on the ongoing work of domestic universities on the development of higher education and science. The Minister noted that 21 Kazakhstani universities participate in the QS world ranking and achieve good results.

‘Today, Kazakhstan's universities are working systematically to increase partnership with global universities. We should be open to changes. This provides ample opportunities to raise the prestige of universities. This academic year about 30 thousand foreign students arrived in Kazakhstan. This is 10 thousand more than in the last two years. There are three prestigious rankings in the world. The most important of them is the international QS rating. 21 universities of Kazakhstan participate in the rating. Al-Farabi KazNU is the leader among domestic universities and occupies 163rd place. This year for the first time the Ministry has prepared a rating of domestic national universities. It was compiled jointly with experts of world ratings. Higher education institutions that have shown good results in the national rating will rise in the global QS rating. Such rating is implemented in the country for the first time,’ Sayasat Nurbek said.

The plenary session continued in sections devoted to the themes: ‘Integrating Global Goals into Education’, ‘Global Connections’, ‘Navigation Technologies: Best Practices in Artificial Intelligence and New Technologies’.

At the end of the event Sergey Khristolyubov made a speech, who awarded a number of Kazakh universities, which took high places in the QS World University Rankings 2025, and presented special certificates.

It should be noted that the QS Summit on Higher Education in Asia-Pacific will continue on 5-7 November in Macau. The final meeting of the QS Pre-Summit is scheduled for 8 November in Hong Kong.

Expansion of partnership with Sumgayit State University

4 November 2024

Chairman of the Board - Rector of Al-Farabi Kazakh National University Zhanseit Tuimebayev met with Rector of Sumgayit State University Rufat Azizov.

During the talks, the parties discussed the expansion of partnership in higher education and science, and voiced a number of proposals. At the meeting, the head of the university Zhanseit Tuimebayev noted that KazNU pays special attention to the development of cooperation with Azerbaijani universities. The rector also familiarised the guests with the scientific infrastructure, providing information on the achievements and future plans of the university.



‘Currently, Al-Farabi Kazakh National University actively cooperates with 9 universities and scientific organisations in Azerbaijan. In the future, we are interested in close co-operation with Sumgayit State University. I believe that the potential of the two universities should be united to achieve common goals,’ the rector said.

At the end of the speech Zhanseit Tuimebaev proposed to develop cooperation on joint training of specialists, implementation of academic mobility programme, professional development of teachers. In turn, Rufat Azizov thanked the leadership of KazNU for the attention and expressed support for all initiatives aimed at expanding the partnership.

‘Sumgayit State University has 7 faculties and 42 departments, scientific centres and laboratories of various directions. More than 5 thousand students are trained. We are always open and ready to develop partnership relations with KazNU,’ Rufat Azizov said.

During the talks, proposals were worked out on holding joint international conferences and symposiums, as well as on the implementation of a double-diploma education programme.

At the end of the meeting, the parties agreed on the systematic implementation of the voiced initiatives and exchanged memorable gifts.

The Sino-Kazakh Center for International and Comparative Law has been opened at Al-Farabi University

4 November 2024

In KazNU named after Al-Farabi, at the Department of International Law of the Faculty of International Relations opened a Chinese-Kazakh joint educational and research center of international and comparative law.



The project will be implemented jointly with the Harbin Institute of Technology. The aim of the centre is to strengthen bilateral relations between Kazakhstan and China through cooperation in education and scientific research. The centre will become a platform for the exchange of knowledge and innovation, which will contribute to the development of the academic potential of both countries. The Centre's activities will include joint research in the field of international and comparative law, as well as the organisation of conferences and seminars to discuss current issues. The Centre also plans to develop educational programmes aimed at training specialists in the field of international law. The opening of the Centre will create new opportunities for the development of legal science and education and will strengthen cooperation between Kazakhstan and China.

The exhibition ‘Promoting the Spirit of the Silk Road’ was opened

4 November 2024

An art exhibition ‘Promoting the spirit of the Silk Road, promoting mutual understanding and affinity’, timed to celebrate the 90th anniversary of Al-Farabi KazNU and the dedication of the branch of the North-West Polytechnic University (NWPU) in Kazakhstan in 2024, has opened in Al-Farabi KazNU.



The opening ceremony of the new academic year and the art exhibition was organised jointly by NWPU Kazakhstan branch and Al-Farabi KazNU. The event was opened by Yerkin Duisenov, Acting Deputy Chairman of the Board and First Vice-Rector of Al-Farabi KazNU. He emphasised the importance of the event, timed to the anniversary of the university and the beginning of the academic year. The first vice-rector spoke about the establishment of the branch of NWPU (PRC), opened in October last year on the basis of an agreement. ‘Currently, 70 master's students are studying in the branch, 14 of them entered last year, this year the number has increased to 56 master's students. The first-year master students of the branch are currently conducting fruitful scientific research in NWPU (Xi'an, PRC). Upon completion of studies in the branch, master's students will receive diplomas of KazNU and NWPU, corresponding to international standards. Graduates of the branch will be able to work in any country of the world and will be in demand as specialists’, - Erkin Ermanovich emphasised, thanking the partners of the project.

Ms Jiang Wei, Consul General of the People's Republic of China, expressed her sincere gratitude and deep respect to the leadership of the two universities for the cooperation and development of NWPU branch in Kazakhstan, and noted that this is not only a support for friendship and cooperation between the two universities, but also an important step in the cooperation of higher education between China and Kazakhstan.

The event was also addressed by Li Xiaosong, director of the museum of Northwestern Polytechnic University, Gulaim Zhumabekova, director of the Abyl Khan Kasteev State Art Museum of the Republic of Kazakhstan, Jin Gang, curator of the international art exhibition of the Silk Road International Art Festival and secretary of the curators' committee of the Shaanxi Provincial Artists' Association, and others.

The opening ceremony of the new academic year of the NWPU Branch in Kazakhstan continued with the presentation of certificates to master's students entering in 2024, and a musical performance by gymnasts, as well as a demonstration of Chinese tea art.

Art is the common language of mankind. The art exhibition ‘Promoting the Spirit of the Silk Road, Promoting Mutual Understanding and Affinity’ showcased the multicultural art and culture of the Silk Road civilisation from China to Central Asia, the spiritual and cultural qualities of China, and a new perspective on cultural exchange between Kazakhstan and China.

KazNU takes part in QS summit in Macau

5 November 2024

Delegation of Al-Farabi Kazakh National University takes part in QS Higher Ed Summit: Asia Pacific 2024, which is held in Macau (PRC).

The international gathering, organised by the Macau University of Science and Technology, is scheduled for three days. The final session of the summit will be held on 8 November in Hong Kong.



The large-scale event brought together rectors and representatives of universities, scientists, heads of educational organisations in the Asia-Pacific region, over 2,000 people in total. Experts from all over the world discussed topical issues in higher education and science. At the opening ceremony of the summit, speakers shared their thoughts on the organisation and prospects of higher education in Asia and the Pacific.



At the event, the international rating agency QS presented Al-Farabi Kazakh National University with a Five Star Award in five QS Stars categories.

Also, Al-Farabi Kazakh National University took part in the exhibition held during the summit. Guests were familiarised with the scientific infrastructure of KazNU, providing information on the achievements of the university.

Recall, 1 November in Al-Farabi KazNU held the first meeting of the pre-summit QS.

Joint projects with the Committee of Geodesy and Cartography are launched

7 November 2024

In the walls of the Kazakh National University named after Al-Farabi was held a discussion of the prospects of cooperation in the field of geoinformation technologies and their application in the educational process.



Mr Yerkin Duisenov, Deputy Chairman of the Board - First Vice-Rector of the University, held talks with Mr Richard Budden, Deputy Director General of ESRI for the Middle East, Africa and Central Asia regions and representatives of ESRI and the Ministry of Digital Development, Innovation and Aerospace Industry of the Republic of Kazakhstan.

The First Vice-Rector told the guests about the university's research activities, educational programmes and joint projects with international institutions. As noted by Vice-Rector Yerkin Duisenov, this meeting is of great importance for the development of research and education at the University, as ESRI is one of the world's leading companies in the development of software for mapping and analysing spatial information.

During the meeting the parties discussed a number of key issues of cooperation in the field of education, research, development of joint programmes. In turn, Richard Budden noted that KazNU is one of the leading universities in Central Asia and the establishment of partnerships with it is an important step towards strengthening ties between the scientific and business environment. He also spoke about the possibilities of application of GIS (geographic information system) technologies in scientific projects and research, the prospects of introducing ESRI technologies in the training courses of the university.

At the end of the meeting a memorandum on mutually beneficial co-operation between Al-Farabi KazNU and the Committee of Geodesy and Cartography of the Ministry of Digital Development, Innovation and Aerospace Industry of the Republic of Kazakhstan (ICRIAP) was signed.

Farabi Business School held talks in China

8 November 2024

Representatives of Farabi International Business School visited the cities of Beijing and Haikou (Hainan Province) in China to take part in important events aimed at strengthening international co-operation. During the visit, talks were held with leading world-class universities and educational institutions in Hainan and Beijing.



Director of the Business School Zharaskhan Saryev, Leading Specialist Kulpash Shynbat, Specialist Saltanat Isakova visited the leading universities of Hainan Province - Hainan Vocational University of Science and Technology (HVUST) and Hainan University. During the visit they signed a memorandum of co-operation aimed at developing partnership in the field of education. They discussed the possibilities of adapting MBA programmes for Chinese citizens, joint projects and internships for students. Then they took part in the Chinese Educational EXPO in Beijing, which brought together more than 200 educational institutions from 37 countries, and Kazakh National University was the only representative from Kazakhstan. This contributed to strengthening Kazakhstan's international prestige in the field of education.

Within the framework of the exhibition, more than 400 people received information about KazNU, and contacts were established with representatives of more than 50 universities. Partnerships were established with leading educational institutions in China, and the domain www.kaznu-mba.cn was registered for Chinese students.

This visit contributed to strengthening the prestige of Kazakh National University in the educational market of China and expanding partnerships. The visit of Farabi International Business School representatives to China is an important step in the development of international cooperation.

Agreement with the University of Western Attica

14 November 2024

Al-Farabi Kazakh National University concluded a memorandum of cooperation with the University of Western Attica (Athens, Greece). The bilateral agreement was signed within the framework of the project funded by the European Union ERASMUS+ program “Professionalization of undergraduate and graduate studies in the field of strategic management and risk management in health care in the framework of open and distance learning in Kazakhstan and Azerbaijan - LMQS”.



This memorandum envisions the promotion of joint dual-degree Master's degree programs in Health Care Management, as well as the development and implementation of distance learning courses for faculty and graduate students.

In addition, under the agreement, the parties will implement an academic mobility program and research projects.

Iranian universities will expand their ties

14 November 2024

Consul General of the Islamic Republic of Iran Mohsen Faghani visited Al-Farabi KazNU, meeting with the university leadership to discuss prospects for cooperation.



The guest of honor was met by Acting Deputy Chairman of the Board - First Vice-Rector of Al-Farabi KazNU Erkin Duisenov. Thanking the consul for the visit and informing about the status and achievements of the leading university of the country, the first vice-rector dwelt on the partnership relations of KazNU with 5 universities and organizations of Iran, such as: Mukha Ghaq Ardabili University, Institute of Humanities and Cultural Studies, Shahid Beheshti University, Allameh Tabatabayi University and Gulian University. Within the framework of signed agreements, academic, research work is actively conducted, teachers and students visit universities in Iran in order to implement scientific projects and participate in international symposiums. Currently, 12 students from Iran are studying at KazNU. The Center of Arabistics and Iranistics successfully functions in the university.

“Our interaction has great potential for development. Al-Farabi KazNU is always open for new promising joint projects in the field of science and education”, - concluded the speech Erkin Ermanovich.

Consul General of the Islamic Republic of Iran in Almaty Mohsen Faghani in his speech told about the long-standing cooperation with Al-Farabi KazNU, in particular, in the field of studying the heritage of the second teacher of the East Al-Farabi and the study of Persian language. According to the consul, at present he observes revival and activation in this field, scientists study the works that are in the libraries of Iran. The work within the framework of academic exchange also continues, joint projects with the Faculty of Oriental Studies are realized. At the end of his speech, Mr. Consul invited the teachers to visit Iranian universities to exchange experience.

Senior expert of the Ministry of Foreign Affairs of Iran, head of the working group Farabi Mujani Gumi in turn spoke about the work of the Al-Farabi Committee established on the initiative of the President of the Republic of Kazakhstan K.K.Tokayev,

The meeting ended with a discussion on the implementation of joint projects in science and education.

Frankfurt Book Fair Seminar

18 November 2024

A two-day seminar dedicated to the Frankfurt Book Fair in Almaty started in the Farabi Library of the Kazakh National University. The theme of the event is “Modern Trends in Publishing and Copyright Management”.



The Forum gathered leading experts and professionals of the book industry, who will discuss current challenges and opportunities for publishers and authors in today's environment.

The plenary session was attended by: Chairman of the Board - Rector of KazNU Zhansait Tuimebav, Advisor to the President of the Republic of Kazakhstan Malik Otarbayev, President and CEO of the Frankfurt Book Fair Juergen Boos, founder of the literary agency Mertin Witt Nicole Witt, international project manager of the Frankfurt Book Fair Bettina Beck, manager of key account management and sales of the Frankfurt Book Fair Vladyka Kupska, consultant, expert on digital publishing Hermann Eckel, director of the Cultural Foundation of the Republic of Kazakhstan.

The main purpose of the seminar was to exchange knowledge and experience between participants, discuss modern trends in book publishing and effective approaches to copyright management. Rector of KazNU Zhansait Tuimebaev opened the event with a welcoming speech: "I am glad that the first in Central Asia seminar of the famous Frankfurt Book Fair, which has five hundred years of history, is held in Almaty, in the walls of Al-Farabi KazNU. The work of this seminar will be useful and interesting for professionals. Discussion, exchange of opinions with experts of Frankfurt Book Fair about the latest trends and news in the field of publishing will improve the skills of our specialists in this area," - said the head of KazNU, wishing all participants fruitful work.

Advisor to the President of the Republic of Kazakhstan Malik Otarbayev also spoke at the meeting, noting that Frankfurt is becoming the world book capital of Europe, the center of book distribution and opens the way to international solidarity of printers and publishers. "With the support of the Federal Foreign Office of Germany and the Frankfurt Book Fair for the first time in Central Asia launched a two-day seminar dedicated to current issues of publishing. I would like to specially thank the President of the Frankfurt Book Fair and LITPROM President Jürgen Boos, who supported this initiative. After all, holding the Frankfurt Book Fair in Almaty is the biggest and most important event for publishers, authors and booksellers in the country. It is obvious that this seminar will have a huge impact on the specialists of this industry in our country".



Chief Executive Officer of Frankfurt Book Fair Jurgen Boos also made a speech, emphasizing the importance of such events for the development of the book industry and stimulating literary dialogue, and expressed hope for further cooperation between Frankfurt Book Fair and KazNU. A congratulatory letter from Aida Balaeva, Minister of Culture and Information, was also read out. The two-day seminar will include sessions devoted to the topics: "Buying and selling copyrights and licenses", 'Frankfurt Book Fair and its invitation programs', 'Frankfurt Connect and the Frankfurt Rights platform' and others.

During the seminar, participants exchanged opinions, learned about new trends in the publishing business, and discussed best practices that will help strengthen cooperation between authors, publishers and readers. As noted by domestic publishers, such a seminar emphasizes the importance of cultural exchange and development of the book industry in Kazakhstan, creating a platform for dialogue and mutual understanding.

Business education will be developed

25 November 2024

Chairman of the Board-Rector of Al-Farabi Kazakh National University Zhanset Tuimebayev met with the Rector of the Swiss School of Applied Sciences in Economics and Management Dominic Jordan.



The parties discussed projects that will be jointly implemented in the future, as well as agreed to further increase partnership relations.

At the meeting the head of the university Zhanset Tuimebaev informed the guests of honour about the achievements of KazNU and shared plans for the future. In his speech, the rector emphasised the need to develop cooperation between ‘Al-Farabi business school’ and the Swiss School of Applied Sciences in the field of economics and management.

‘Al-Farabi business school functions in Al-Farabi KazNU on the basis of the Higher School of Economics and Business. I believe it is necessary to implement a double-diploma educational programme between the schools in the future. I think both sides will be interested in this. I also propose to open a branch of KazNU in the Swiss School of Applied Sciences in the field of economics and management’, - said the rector.

In turn, the rector of the Swiss School of Applied Sciences in Economics and Management Dominique Jordan thanked the leadership of the university for the attention and hospitality. In his speech, the guest of honour supported the proposals of the head of KazNU and stressed that he was ready to make every effort to further strengthen the partnership.

At the end of the meeting, the parties agreed to systematically carry out the above-mentioned works and agreed to establish a joint working group.

Liaison with the University of Pennsylvania

26 November 2024



A delegation from Pennsylvania State University visited Al-Farabi Kazakh National University. The delegation included a specialist in engineering and mechanics, Professor Slava V.

Rotkin and Professor Igor Aronson of the Department of Biomedical Engineering, Chemistry and Mathematics. Within the framework of the visit the delegation met with the Chairman of the Board - Rector of Al-Farabi KazNU Zhanseit Tuimebayev.

The participants discussed promising areas of co-operation between the two universities, exchange of experience in science and education, as well as opportunities for joint research.

During the talks, Professor Slava V. Rotkin noted that Kazakhstan has great opportunities and they are impressed by the university, which has significant potential. 'One of the directions of possible exchanges and contacts in the scientific sphere is co-operation with professors. I believe it can reach a higher level than with other countries. When you meet a person for the first time, it takes a little time to understand him. And when you realise when talking that you have a common background, when you have studied from the same textbooks and share similar values in science, it is very important. I hope that we can develop a certain roadmap and start to fulfil the tasks that need to be done on both sides,' Professor Rotkin said.

A seminar on the GreenTech Horizons project has begun

28 November 2024

A two-day seminar on the GreenTech Horizons project has begun at al-Farabi Kazakh National University, aimed at facilitating the transition to green and digital technologies through education and innovation in the countries of the Eastern Partnership, Central Asia and the Far East.

Welcoming the participants of the meeting, Deputy Chairman of the Board – Acting First Vice-Rector of Al-Farabi Kazakh National University Yerkin Duissenov noted that the Erasmus+ program is the most important strategic tool for improving the quality of education and scientific research. "In recent years, KazNU has been actively participating in this program, which resulted in 86 concluded contracts under the Erasmus+ International Credit Mobility (ICM) program. These agreements open up unique opportunities for our students and teachers to share experience, knowledge and culture with leading universities and research centers around the world", - the Vice-rector said in his speech. 13 projects within the framework of the Erasmus+ program are of particular importance for the university Capacity Building, two of which are implemented as grandholders. These projects play an important role in strengthening academic ties, developing educational and scientific infrastructure.

The project coordinator, professor Daniela Ciric Lalic, UNS, Coordinator of the National Office of Erasmus+ in Kazakhstan, Laura Paluanova, and others made a welcoming speech.



After the official part of the event, professor Daniela Ciric Lalic presented a detailed presentation on the importance of the dual green and digital transitions and cooperation between Europe and Central Asia. She said: "The main goal of the project is the development and implementation of competencies that contribute to sustainable economic growth, job creation, and ensuring the competitiveness of the modern workforce". Within the framework of the project, a competency-based curriculum model will be implemented, which will be used to modernize the curricula of eight universities in Azerbaijan, Kazakhstan, and Mongolia. An important aspect of the project is the creation of an e-learning ecosystem, including massive open online courses.



In their presentations on the role and contribution of each partner and the structural management, professors Daniela Grakanin and Milena Savkovic from UNS highlighted that the GreenTech Horizons project involves a multilateral interregional partnership with the participation of educational and industry partners. As the speakers emphasized, the project will create a sustainable platform for integrating innovative technologies into educational processes and will contribute to socio-economic development by enhancing qualifications and expanding opportunities for youth and professionals in the target countries.

Prospects for cooperation with Malikussaleh University

29 November 2024

At the meeting of the delegation of Malikussaleh University (Indonesia) with the leadership of Al-Farabi Kazakh National University, the main directions of mutually beneficial partnership were identified.



The honorary guests were welcomed by the Deputy Chairman of the Board – Acting First Vice-Rector of Al-Farabi Kazakh National University, Yerkin Duysenov. He spoke about the achievements of the leading university in the country.

According to the First Vice-Rector, the potential for bilateral economic and trade cooperation between Kazakhstan and Indonesia is growing, which opens up new opportunities for academic and scientific exchanges. To date, KazNU has established direct partnerships with four universities in Indonesia: the University of Indonesia, Yogyakarta State University, Sultan Syarif Kasim II State Islamic University, and Darussalam University of Gontor.

The cooperation covers a wide range of areas: student and faculty exchange, implementation of joint research projects, invitation of professors, and supervision of PhD students.

In the 2023/24 academic year, five faculty members from KazNU were sent to educational institutions in Indonesia. Currently, 10 students from Indonesia are studying at KazNU under the scholarship program of the Republic of Kazakhstan. "The potential for cooperation with universities in

Indonesia is very high, and we are ready to expand our partnership and implement exciting joint projects and initiatives", - emphasized Yerkin Ermanovich.

In turn, Professor and Rector of Malikussaleh University (UNIMAL), Herman Fitra, expressed gratitude for the warm visit and provided information about the university's activities – a state non-profit educational institution. UNIMAL is located in the city of Reuleuet. The university was established in 1969, making it one of the youngest in the country. According to the rector, the universities of both countries have great prospects for joint work, project implementation, academic exchange, and other initiatives.

The parties discussed issues related to the development of partnerships, new areas, and prospects for cooperation.

KazNU and NetSCI to establish a new institute

6 December 2024

Al-Farabi Kazakh National University and the German scientific and educational institution NetSCI will open an Institute for the protection and conservation of biodiversity in Central Asia.



Chairman of the Board – Rector of KazNU Zhansait Tuimebayev and CEO of the German scientific and educational institution NetSCI Matthias Kramer signed a memorandum on the establishment of the center.

The aim of the Institute will be to promote the conservation and enhancement of biological diversity. According to the agreement, the parties will jointly implement scientific projects and attract investments in the field of environmental protection and biodiversity.

During the meeting, Matthias Kramer emphasized that the establishment of this center would serve as a foundation for developing bilateral relations.

"NetSCI GmbH was founded in 2005 and specializes in environmental technologies, knowledge transfer, and supporting innovative projects. The company actively collaborates with universities, research institutions, and enterprises. To date, we have implemented numerous projects with Central Asian countries and have substantial experience in this field. The German Ministry has supported my initiative to establish the institute. We plan to open the center in May 2025 and, to mark the occasion, bring together scientists from Kazakhstan and Germany at a joint conference," - said Matthias Kramer, General Director of the German scientific and educational institution NetSCI.

In turn, the rector of KazNU supported the initiatives of the guest of honor and noted that the higher education institution is ready to open the institute. Zhansait Tuimebayev also stressed that the signed agreement on the establishment of a joint institute will give a powerful impetus to the development of cooperation not only between educational institutions, but also between countries as a whole.

At the end of the meeting, the head of the university presented Matthias Kramer with the "Al-Farabi" gold medal.

KazNU students will have the opportunity to complete an internship in Spanish companies

9 December 2024

Chairman of the Board – Rector of Al-Farabi Kazakh National University Zhansait Tuimebayev held a meeting with Spanish Ambassador to Kazakhstan, Luis Francisco Martinez.



During the discussion, the parties addressed the current state and prospects of bilateral cooperation, particularly in the fields of education and science.

The university's leader, Zhanseit Tuimebayev, introduced the esteemed guest to the university's achievements and shared its future plans. In his remarks, the Rector emphasized that Al-Farabi Kazakh National University is keen on further expanding and strengthening partnerships with Spanish universities.

Also during the meeting, Zhanseit Kanseituly voiced a number of proposals, including: training specialists in the field of IT and economics for Spanish companies and holdings operating in Kazakhstan, the implementation of scientific projects jointly with universities in Spain.

In turn, Spanish Ambassador to Kazakhstan Luis Francisco Martinez noted that he supports the initiatives of the Rector of KazNU and intends to work closely with the higher education institution in the future.

"Al-Farabi Kazakh National University is one of the leading universities in Central Asia. Last year, Spanish universities visited Kazakhstan to expand cooperation with Kazakh institutions. Now, a visit by representatives of Kazakh universities to Spain is being planned. We also invite you to participate in this large-scale event. Recently, I met with leaders of Spanish companies operating in Kazakhstan. They have expressed interest in implementing a special scientific and educational program in collaboration with KazNU. As part of this program, which is set to launch in June 2025, 30 KazNU students will have the opportunity to study and intern at Spanish companies", - the ambassador said.

As a result of the negotiations, the parties agreed to systematically implement the above proposals.

KazNU took part in the GUPLS-2024 summit

10 December 2024

Representatives of Al-Farabi Kazakh National University took part in the Global University Leaders Summit (Global University Presidents & Leaders Summit, GUPLS 2024).

The summit was held at the Hong Kong Convention and Exhibition Centre and brought together leaders and leading scholars from universities worldwide, serving as a platform to discuss global issues and future prospects in the field of education.

Alya Aktymbaeva, Dean of the Faculty of Geography and Environmental Management at KazNU named after Al-Farabi, delivered a report at one of the main sessions of the summit, focusing on the topic "Demographic Changes and the Education of the Future". In her speech, she emphasized the importance of adapting educational systems to the challenges of demographic changes and presented the experience of KazNU in sustainable development, innovative research, and training professionals for the future.



The report presented unique approaches to integrating sustainable development mechanisms into the educational process and scientific research. The author also highlighted the importance of international cooperation among universities in creating educational programs that promote global harmony and prosperity.

The GUPLS 2024 summit this year gathered over 200 representatives from leading universities from more than 50 countries.

Key topics discussed at the summit included artificial intelligence, education in the era of global changes, ethics of technology, sustainable development, and innovation.

Thanks to its active participation, Al-Farabi Kazakh National University strengthened its position as one of the leading universities in Central Asia, actively promoting the ideas of sustainable development on the international stage, fulfilling SDG 17.

Strengthening ties with French universities

10 December 2024

Chairman of the Board – Rector of Al-Farabi Kazakh National University Zhanset Tuimebayev held a meeting with Ambassador extraordinary and plenipotentiary of France to Kazakhstan Sylvain Guiaugue.

The parties discussed a wide range of issues of mutual interest, in particular the prospects for strengthening and developing cooperation between universities of Kazakhstan and France.

During the meeting, the guest was informed about the main activities of KazNU, as well as the ongoing work to create favorable conditions for the development of youth. Zhanset Tuimebayev also spoke about the partnership of the higher education institution with universities in France.



"KazNU has established direct partnerships with 23 universities and organizations in France to date. Academic and research work is actively carried out within the framework of the signed agreements. In this regard, I would like to emphasize the successful cooperation with the University of Lorraine on the implementation of the two-degree programs "Mechanics and Energy" and "Oil and Gas business". These programs provide students with a unique opportunity to get an education in relevant areas, combining theoretical and practical knowledge in the field of mechanics and energy. In the 2023/24 academic year, 21 PPS and 36 students visited French universities in order to implement scientific projects", - said the rector of KazNU.

In turn, French Ambassador Sylvain Guiaugue stressed the importance of developing cooperation between the two countries and expressed readiness to strengthen cooperation in the scientific and educational sphere.

Following the meeting, the interlocutors noted with satisfaction the proper level of partnership and outlined further joint steps to strengthen it.

The rector of KazNU met with the ambassador of Mongolia

11 December 2024

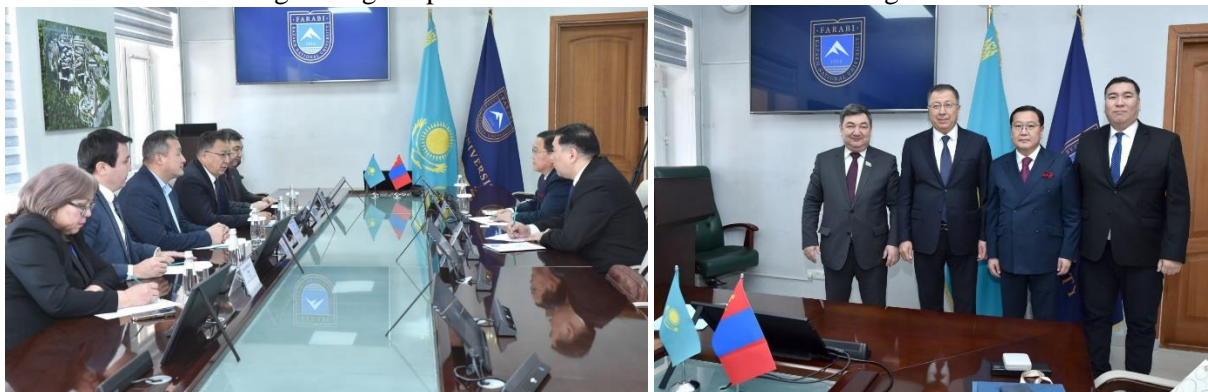
Chairman of the Board – Rector of Al-Farabi Kazakh National University Zhanset Tuimebayev held a meeting with the ambassador of Mongolia to the Republic of Kazakhstan Dorj Bayarkhuu

During the conversation, the parties discussed issues of further strengthening and expanding cooperation between higher education institutions of the two countries.

Welcoming the ambassador, Zhanseit Tuimebayev noted that the partnership between Kazakhstan and Mongolia has been steadily developing since the establishment of diplomatic relations, and expressed his intention to continue active cooperation in the field of science and education.

Also in his speech, the head of the university invited mongolian scientists to take part in a large-scale conference on Altaic studies, in order to exchange experience and transfer knowledge between professors.

The ambassador, in turn, highly praised the transformations taking place at KazNU and expressed interest in further strengthening cooperation between Kazakhstan and Mongolia.



"Mongolia is sincerely interested in cooperation with fraternal Kazakhstan, including KazNU. From time immemorial, we are close in spirit, because we have a lot in common – our ancestors, cultural origins, we live next door", - said the guest of honor.

Prospects for cooperation between Kazakhstan and Mongolia

11 December 2024

The international scientific and practical conference "The current stage and prospects of cooperation between Kazakhstan and Mongolia" was held at the Al-Farabi Kazakh National University.



The event was attended by: Chairman of the board – rector of KazNU Zhanseit Tuimebayev, ambassador of Mongolia to Kazakhstan Dorj Bayarkhuu, advisor to the president of the Republic of Kazakhstan Malik Otarbayev, Deputy of the Senate of the Parliament of the Republic of Kazakhstan, academician of the National Academy of Sciences of the Republic of Kazakhstan Darkhan Kydyrali, professors and students.

Opening the scientific forum, rector of KazNU Zhanseit Tuimebayev noted: "Mongolia occupies a special place in the field of international relations of our country. Relations between the two countries are dynamically developing in the economy, culture, history, education, science and other fields. Today, 167 students from Mongolia study at our educational institution. Only recently, the Head of State made a special visit to Mongolia, where a number of agreements were signed. At the same time, we have a lot of joint work ahead of us".

In turn, Mongolian ambassador to Kazakhstan Dorj Bayarkhuu noted: "There are historical, cultural, ethnic and everyday similarities between kazakhs and mongols. They are the result of the fact that the two peoples have influenced each other for centuries. Therefore, I am sure that our cooperation will only grow stronger".

"Today's event is an important event that brought together researchers and scientists, students and everyone interested in an in-depth study of the ties between the two countries. It is obvious that it will

contribute to the further strengthening of historical, cultural and scientific ties between Kazakhstan and Mongolia. Cooperation between the two countries is constantly being strengthened in the spirit of mutual respect and support. A reliable and critical dialogue has been established between our countries", - said Malik Otarbayev, adviser to the President of Kazakhstan.

In addition, during the conference, participants made presentations on the topics "Archaeological and ethnographic research of University scientists in Mongolia: results and prospects" and "kazakh-mongolian ethnographic research" and discussed new directions of economic and social relations between Kazakhstan and Mongolia.

Strengthening ties with Kyrgyz colleagues

12 December 2024

Chairman of the Board – Rector of Al-Farabi Kazakh National University Zhanseit Tuimebayev held a meeting with a delegation of the Zhusup Balasagyn Kyrgyz National University headed by Rector Dogdurbek Chontoev.



The guest delegation included: Vice-Rector for Science M.Dyldaev, Ph.D., professor S.Tillebaev, Head of the Economic Department M.Turdubaev, Head of the Strategic Development Department Zh.Dzhylykchieva, Head of the Department of Academic Mobility, Education and Network Master's degree S.Shermatova, Dean of the Faculty of Public and municipal administration K.Bazakeeva, Dean of the Faculty of Geography, ecology and tourism R.Toktorova, Director of the Higher School of Economics N.Musayeva, Head of the Digital Development Department A.Abeldenov.

During the meeting, a memorandum of understanding was signed aimed at strengthening and expanding cooperation in the scientific and educational sphere. As part of the agreement, the two higher education institutions intend to implement joint projects in the future.

Welcoming the guests, Zhanseit Tuimebayev thanked the representatives of the KNU for their interest in cooperation with KazNU. Also in his speech, the head of the university told the guests about the activities of the KazNU branch in Bishkek.

The rector of KazNU said: "On May 22, 2022, with the participation of the Presidents of the Republic of Kazakhstan Tokayev K.K. and the Kyrgyz Republic Zhaparov S.N., the KazNU branch in Bishkek was officially opened. Today, 31 students study at the branch, 21 of them in the specialty "jurisprudence"; 7 in Information technology; 3 in biological and related sciences (biomedicine). The educational process is carried out in two languages: russian and english. After graduation, graduates will receive diplomas from Al-Farabi Kazakh National University".

In turn, the rector of KNU named after Zh.Balasagyna Dogdurbek Chontoev noted the importance of deepening contacts between the two leading universities of their countries.

Official meeting in Delhi

12 December 2024

The delegation of Farabi International Business School visited Delhi in order to strengthen international cooperation and promote its educational programs.

During the visit, key negotiations were held with leading universities in India, strategic agreements were signed and important agreements on joint initiatives were reached.



One of the main events of the trip was the signing of a memorandum of understanding with UAS International Group of Companies. This agreement opened up prospects for the organization of short-term educational programs for Indian students at Al-Farabi Kazakh National University. Long-term projects were also discussed, including the development of unique educational products and career counseling programs.

In addition, the delegation held meetings with representatives of a number of prestigious Indian universities. Student and faculty exchange programs were discussed at Sushant University, as well as the creation of modern MBA courses adapted to current business needs. During negotiations with the Greater Noida Institute of Technology (GNIOT), the parties outlined plans for joint research and the introduction of innovative educational technologies. No less significant was the meeting with the International Management Institute (IMI), where they discussed the launch of joint research projects, the exchange of teachers and the development of double degree programs.

The visit to Delhi also included participation in the prestigious international exhibition QS Discover MBA Fair. This event brought together leading business schools from the USA, Great Britain, France and other countries. Participation in the exhibition allowed Farabi International Business School to attract the attention of Indian students and strengthen its status as an innovative educational institution.

Scientific cooperation with Iran

12 December 2024

Chairman of the Board – Rector of Al-Farabi Kazakh National University Zhanseit Tuimebayev met with Consul General of the Islamic Republic of Iran in Almaty Mohsen Fagani on the occasion of the completion of his diplomatic mission in Kazakhstan.



The Head of KazNU expressed gratitude to the Consul for his efforts in strengthening partnership between the two countries, noting the high level of scientific and educational cooperation achieved in recent years. Zhanseit Tuimebayev said: "Today, the Center for arabic and iranian studies, which was opened with your direct support, is successfully operating at the Al-Farabi Kazakh National University. Thanks to you, university students study the history and culture of Iran and the Islamic world. During your tenure as Consul General of Iran in Almaty, we have done a great job and reached good agreements".

In turn, expressing gratitude for the attention paid to the rector, Mohsen Fagani said that he was confident in the further development of the iranian language in higher education.

"I am pleased that at the Center of arabic and iranian studies, young people are learning the language and culture of Islamic states. I am sure that this direction will continue to develop under your leadership. I

would also like to inform you that the KazNU teacher won in one of the nominations of the international competition, which is held annually in our country. Next week, the scientist will receive her prize from the hands of the President of Iran. My congratulations!", - concluded the Consul General.

At the end of the meeting, stressing the huge contribution to the development of relations between Kazakhstan and Iran, the Rector of KazNU presented M.Fagani with the "Al-Farabi" medal.

Co-operation with Dalian University

20 December 2024

The delegation of Dalian University of China visited the Treasury. During the meeting with the Chinese delegation, Yerkin Duissenov, Deputy Chairman of the Board and Acting First Vice–Rector of Al-Farabi Kazakh National University, discussed issues of cooperation in the field of science and education, as well as the possibility of student and teacher exchange.



Yerkin Duissenov informed the guests about the activities, achievements and plans of KazNU. Also, Acting First Vice-Rector Y.Duisenov noted that KazNU has active strategic co-operation in the field of science, higher education and cross-cultural interaction with China.

Today, KazNU collaborates with 65 higher education institutions and organizations in China. Academic and scientific research is actively carried out within the framework of the agreements concluded with them. Every year, professors, doctoral students, masters, and undergraduate students are sent to universities in China for training and internships. Today, 14 graduate students majoring in Biological Engineering and Biotechnology are undergoing training and scientific internships at the Shenren University School of Medicine. 869 students from China study at KazNU. Yerkin Duissenov spoke about the opening of a branch of the Northwestern Polytechnic University (NWPU) in 2023 The PRC to the Treasury. He informed about the opening of centers and laboratories on the basis of KazNU with the participation of universities, institutes and organizations of the People's Republic of China.

In turn, Mr. Jiang Xinghai, Deputy Director of the Dalian Bureau of Science and Technology, expressed gratitude for the warm welcome and expressed interest in joint projects and research. During the talks, the sides exchanged views and discussed the prospects for creating joint research projects and training courses.

At the end, the delegation of Dalian University of China visited the Scientific Research Center of Medicinal Plants and Farabi hub.

Agreement with the University of Grenoble-Alpes

23 December 2024

Deputy Chairman of the Board and Acting First Vice–Rector of Al-Farabi Kazakh National University, Yerkin Duissenov, held a meeting with representatives of the University of Grenoble-Alpes (UGA). The main focus was on discussing the prospects for further co-operation between the two universities, including the launch of joint educational programs and dual degrees. This initiative is an important step towards strengthening international academic ties and improving the quality of specialist training.

The official visit of representatives of the University of Grenoble-Alpes (UGA) to the Al-Farabi Kazakh National University is carried out within the framework of bilateral agreements reached during negotiations between the Presidents of Kazakhstan and France on joint training of specialists in the field of seismology.



The French delegation is represented by: Agnes Bousset, Director of the "Geoenergetics" Center at KazNU, Pascal Igue, Director of International Relations at the Faculty of Science at UGA and Professor of Geosciences, and Christian Suy, Professor of the Earth's Crust and Geodynamics.

As part of the visit, meetings are scheduled with the faculty members of the Department of Cartography and Geoinformatics at the Faculty of Geography and Natural Resources management of KazNU to discuss joint educational programs in the field of seismology. The visit will also include a tour of the seismic station of the LLP "National scientific center for seismological observations and research" and meetings with representatives of scientific institutions.

The key event of the visit was the signing of an agreement on academic mobility between Al-Farabi Kazakh National University and the University of Grenoble-Alpes. This agreement opens up new opportunities for the exchange of students and academic staff, which will contribute to the mutual enrichment of academic experience and professional development of specialists.

It is expected that this visit will become the basis for deepening collaboration between universities and developing new joint projects in the field of geosciences.

Institutional and individual-level scientific achievements, awards, and prizes;

Students of KazNU - winners of the contest ‘The Best Student of Turkic Peoples’

6 November 2024

Arman Ayazbek and Sayat Sharipbek, 4th year students of the Faculty of Geography and Nature Management of Al-Farabi KazNU, became winners of the contest ‘The Best Student of Turkic Peoples’.



The event was organised by the National Innovation Research Centre ‘Bilim orkenieti’ together with the Republican Innovation Centre ‘Zhaңa Kazakhstan’.

The purpose of the international forum ‘The Best Student of Turkic Peoples’ is to establish contact between gifted students.

The competition was attended by students who have achieved success in the field of science, art and sport from universities of Turkic-speaking countries: Kyrgyzstan, Turkmenistan, Uzbekistan, Azerbaijan, Turkey and others.

According to the terms of the competition it was necessary to submit documents confirming all student achievements during the period of study. Students of Al-Farabi KazNU Arman Ayazbek and Sayat Sharipbek sent documents on participation in scientific conferences, they took part in the summer school 'Aral Summer School', as well as in the gathering-seminar of rescue units 'Kazspas-2024', organised by 'Kazselezaschita'. As a result, talented students studying in the educational programme 'Hydrology' were awarded international recognition for their contribution to the development of youth policy of Turkic countries.

The success of our students not only testifies to the high level of their knowledge and leadership qualities, but also to the university's commitment to support and develop an active youth policy aimed at strengthening co-operation between the countries of the Turkic world.

Winning this competition also supports SDG 4 - 'Quality Education' and SDG 17 - 'Partnership for Sustainable Development', which emphasise the importance of education and international cooperation in achieving a sustainable future.

KazNU scientists received a reward

15 November 2024

Scientists of KazNU were rewarded for publication activity in rating journals of the international database Scopus/Web of Science.



Financial support for researchers publishing at this level allows them to continue their research, improve laboratory conditions, purchase necessary equipment and attract a wider range of specialists. Awarding the best articles also stimulates the academic community to continuous improvement and search for new scientific solutions. This, in turn, attracts young scientists and doctoral students who see that their work can not only be recognized, but also rewarded financially. This measure contributes to strengthening international cooperation, as publications in highly rated journals often open up opportunities for participation in global projects.

In 2023 scientists of KazNU published 1,192 scientific articles. From the total number of published scientific papers 396 authors of publications were rewarded. The works were included in the first and second quartile (Q1 and Q2) according to the international classification of scientific journals. The total amount of awards amounted to 130,205,764 tenge. This choice is due to the fact that articles in Q1-Q2 journals have a high citation rate and more significant impact on the development of science. This measure allows to strengthen the prestige of the university, increasing the chances of taking higher positions in world rankings, such as QS and THE, where publication activity and quality of research are important evaluation criteria. Thus, such rewards play a significant role not only for specific scientists, but also for the development of science in general, stimulating the creation of new knowledge and maintaining a high standard of academic contribution.

Winning the JurAsia InterTax 2024 competition

19 November 2024

A team from the Faculty of International Relations of Al-Farabi Kazakh National University has won the prestigious JurAsia InterTax 2024 international taxation competition.



The competition was organized by the Tax Experts Committee of Kazakhstan (TEC) together with TKS Disputes and BEPS Academy.

The team included talented students: Amina Nurgalimova, Tolkyнай Toktar, Islam Knasilov, Nemati Ayatullah. The team was led by Liazzat Nysanbekova, Associate Professor of International Law Department of Al-Farabi Kazakh National University, whose professionalism and mentoring played an important role in achieving success.

The final battle unfolded between the teams of KazNU and Indian International University of Legal Education and Research. Students of KazNU demonstrated a high level of knowledge and analytical skills, gaining a well-deserved victory

Arbitrators of the competition were: Philip Baker - barrister of Field Court Tax Chambers, professor of Oxford University, Kees van Raad - chairman of the International Tax Center in Leiden, counselor Loyens & Loeff, Ravil Kassilgov - partner of TKS Disputes and organizer of the competition.

The victory of KazNU students became a vivid confirmation of the high level of training of students of the Faculty of International Relations of the University and their abilities in the field of international law and taxation.

KazNU scientist awarded prestigious prize

26 November 2024

Associate Professor of the Faculty of Physics and Technology at Al-Farabi Kazakh National University, Candidate of Physical and Mathematical Sciences, Merlan Klyshuly Dosbolayev, has been awarded the prestigious Asia-Pacific Physical Society Prize (AAPPS-DPP Prize 2024) for his scientific work titled " *Studies of the formation and distribution of cracks and various defects on the surface of candidate materials of thermonuclear reactors during the influence of a pulsed plasma flux*" The award was announced following the International Conference on Plasma Physics, held in Malacca, Malaysia, from November 3 to 8, 2024.

Professor Dosbolayev's work, dedicated to studying the challenges of plasma interaction with in-vessel materials of thermonuclear reactors, has been recognized as a significant and important contribution to the field of plasma physics and plasma technologies.

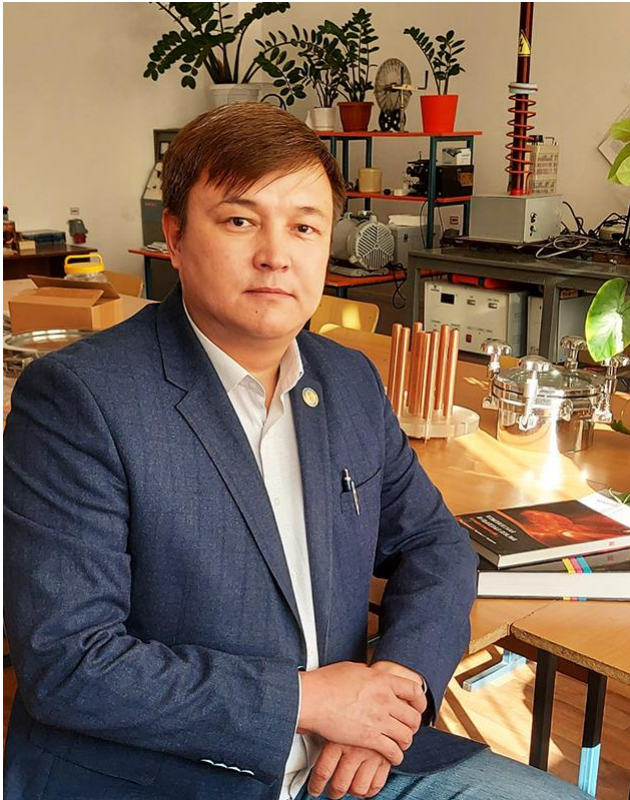
The International Conference on Plasma Physics of the Asia-Pacific Physical Society (AAPPS-DPP) is a major scientific forum for the plasma physics community, bringing together more than 500 leading scientists from the Asia-Pacific region, the United States, and Europe.

Merlan K. Dosbolayev is a laureate of the State Prize of the Republic of Kazakhstan in the field of science and technology, a recipient of the "Best University Lecturer" grant, and a three-time recipient of the state scientific scholarship for young and talented scientists. In 2016, he was awarded the prestigious Thomson Reuters "Leader of Science" prize.

His research interests include scientific and technological challenges of controlled thermonuclear fusion, methods of producing and diagnosing low-temperature plasma, experimental studies of plasma-dust formations, and the development of new types of plasma thrusters.

He played an active role in the design and implementation of the "Plasma Coulomb Crystal" experiment conducted aboard the International Space Station (ISS) during the 2015 spaceflight of cosmonaut Aidyn Aimbetov.

Dr. Dosbolayev is the author of over 150 scientific papers published in international peer-reviewed journals and holds 10 innovative patents in Kazakhstan. His h-index is 12.



KazNU scientists are interning in Malaysia

6 December 2024

Researchers of the Department of Recreational Geography and Tourism of the Faculty of Geography and Environmental Management of Al-Farabi Kazakh National University are undergoing a scientific internship at the University of Putra Malaysia (UPM).

The KazNU delegation includes senior lecturers Eldar Nuryly and Akmaral Sapieva, PhD student Aida Kalieva, and master's student Dinara Nurkyzy. The internship started on December 3 and will last until December 14. UPM University (Malaysia) is among the top five universities in the country and ranks 148th in the QS World University Rankings 2025.

The visit to UPM began with a tour of the Faculty of Forestry and Environmental Sciences, where KazNU representatives met with the Department of Recreation and ecotourism. They were introduced to Dr. Sam Shor Nahar Yaakob, who spoke about the university's main research areas. The KazNU delegation then visited the research laboratories and learned about the university's educational programs.



On the second day, KazNU staff participated in a unique session organized by the Department of Recreation and Ecotourism at UPM. The outdoor class format allowed them to observe how students apply theory in practice by organizing various recreational activities. The internship participants watched tree climbing, archery, tent pitching, and other activities designed to develop teamwork and leadership skills.

KazNU representatives not only observed the process but also participated, gaining valuable experience to implement into their own educational programs.

The official meeting of the KazNU delegation with UPM leadership followed. KazNU staff presented a report on the scientific and educational activities of the faculty and department, and shared information about the new laboratories and research centers that opened in 2024. In turn, the Malaysian colleagues, with the participation of Dr. Sam Shor Nahar Yaakob, Dr. Noor Jalilah Jumaat, Dr. Mohd Aswad Ramlan, Dr. Zulkhairi Azizi Zainal Abidin, and Dr. Zamru bin Ajuhari, shared their educational and research projects, focusing on sustainable tourism and natural resource conservation. During the discussions, areas for future collaboration were outlined: joint research, grant applications, and the exchange of faculty and students.

The internship program is full of lectures, field seminars and visits to natural heritage sites. One of the key topics during the internship was the lecture "Sustainable tourism and environmental impacts", where the speaker emphasized the importance of developing tourism, which not only brings economic benefits, but also minimizes damage to ecosystems. This approach is consistent with the UN Sustainable Development Goals, including SDG 11 ("Sustainable cities and communities") and SDG 15 ("Conservation of terrestrial ecosystems").

In addition, as part of the internship, KazNU employees will visit the unique Sultan Idris Shah Forestry Education Center, located in a natural forest. This center serves as a base for students' academic practices and research. KazNU delegation is also scheduled to participate in the international conference on adventure and ecotourism 2024 (Hornbill@ICAE) in Miri, organized by UPM.

According to the program, two seminars, field trips and master classes with the participation of KazNU employees are planned after the conference.

KazNU scientist received NVIDIA certificates

6 December 2024

Kenzhebek Yerzhan, Senior Lecturer at the Department of Computer Science, Faculty of Information Technology, Al-Farabi Kazakh National University, achieved significant success by receiving NVIDIA Certified Instructor and University Ambassador certificates.



These achievements allow him to conduct workshops on NVIDIA Deep Learning Institute (ULI) programs, as well as organize training events for the academic community.

Awarding the status of University Ambassador opens access to modern technologies and educational materials, contributing to the dissemination of advanced knowledge in the field of artificial intelligence.

The initiative is being implemented within the framework of cooperation between the Ministry of Science and Higher Education of the Republic of Kazakhstan and NVIDIA, aimed at developing competencies in the field of AI. This partnership provides teachers with the opportunity to undergo specialized training, become ambassadors of the DLI program and thereby improve the level of educational programs.

Through such projects, Al-Farabi Kazakh National University solidifies its position as a leader in digital technologies and the training of skilled professionals for the future.

The best students were awarded POSCO scholarships

10 December 2024

The solemn ceremony of awarding the POSCO scholarship, which was awarded to the best students of the university, took place at the Al-Farabi Kazakh National University.



The main purpose of the POSCO Scholarship program is to support Asian students studying in the fields of science, culture and education, including through scholarships, grants and financial assistance. The agreement between Al-Farabi Kazakh National University and the POSCO Foundation on awarding scholarships to university students was signed in 2007. Since then, the university has been actively participating in the POSCO program, providing its students with the opportunity to receive financial support for their studies.

In September 2024, 50 students from KazNU applied for the POSCO program, and 15 candidates were invited for interviews with the program's CEO in Kazakhstan, Byun Wook Park. As a result, 10 students from the faculties of International Relations, Oriental Studies, Philology, and the Higher School of Economics and Business were selected. They received one-time scholarships of 800 USD each.

The scholarship was presented and congratulated by the winners of the program by Deputy Chairman of the Board – Acting First Vice-Rector Yerkin Duysenov. He noted that the POSCO scholarship is not just financial support, but a sign of recognition of efforts, dedication and desire for knowledge. It symbolizes the pursuit of excellence, both in academic activities and in public life. "Dear scholarship recipients! You not only demonstrate high academic results, but also become ambassadors of our university, our traditions and culture. Your work and achievements are a contribution to the future, not only personal, but also to the development of friendship and mutual understanding between our countries", - Yerkin Ermanovich stressed, thanking POSCO for its support.

The winners of the program were also congratulated by Byun Wook Park, Director General of the POSCO program in Kazakhstan, emphasizing the importance of cooperation with Al-Farabi Kazakh National University in order to train not only highly qualified specialists, but also active participants in the development of society, cultural and educational exchanges between the countries.

KazNU became a part of One Water Vision

13 December 2024

Al-Farabi Kazakh National University is the only university in Central Asia that was part of the One Water Vision initiative launched during the One Water Summit.

The International One Water Summit 2024 was held in the capital of Saudi Arabia and was dedicated to discussing global challenges related to water resources management and finding joint solutions at the international level. One Water Vision is a science-based initiative aimed at mobilizing the international scientific community in the field of Earth observation and water management.



Water needs are at the center of the multilateral agenda and international cooperation of the conferences of the parties to the Rio convention on climate, biodiversity and desertification. In view of the need to raise this issue at the level of heads of State and Government, President of the French Republic Emmanuel Macron, President of the Republic of Kazakhstan Kassym-Jomart Tokayev and President of the World Bank Ajay Banga, together with Crown Prince and Prime Minister of Saudi Arabia Mohammed bin Salman, organized the "Single Water Summit". It brought together leading experts, representatives of Governments, international organizations and the scientific community.

Al-Farabi Kazakh National University has joined the One Water Vision initiative, taking an active part in global initiatives related to water resources, promoting the preservation of the Northern Aral Sea. The University is constantly expanding its research base and cooperation with international partners.

The University is actively conducting research activities in the field of monitoring water reserves, surface and groundwater quality, as well as early warning systems about flood risks, which contributes to water resources management, accelerating action on SDG 6 in the field of water and sanitation.

It is worth noting that Shamshagul Mashtaeva, candidate of geographical sciences, senior lecturer at the Faculty of Geography and environmental management, took the initiative to join the Al-Farabi Kazakh National University in the One Water Vision international initiative, which will expand the scope of projects by stimulating partnerships between states, international organizations, local authorities, development banks and private banks, enterprises, charities, scientific experts, SPAs and civil society in line with previous One Planet summits.

By participating in One Water Summit 2024, Farabi University has confirmed its commitment to the principles of sustainable development and global cooperation.

KazNU student – winner of OceanMan-2024

18 December 2024

A student of the Law Faculty of Al-Farabi Kazakh National University, famous athlete Eldar Shekerbek won a bronze medal at the OceanMan-2024 world open water swimming championships.



The final of the world open water swimming championship, which was attended by more than 2,200 athletes from 62 countries, was held in the UAE, in the city of Dubai.

Eldar Shekerbek showed an outstanding result, taking an honorable third place in the 3x500m relay, winning a bronze medal. In addition, Eldar took part in the most prestigious 10km swim, where he finished 5th among 101 participants, despite difficult weather conditions, strong winds and high waves.

Olympic medalists and participants of the world championships took part in the competition, which makes its result especially significant.

Eldar Shekerbek is a two-time world champion, Asian champion, one of the top five swimmers in the world at a distance of 10km in open water, in the age group of 20-29 years.

Announcements of promotions and retirements;

Important national and international-level publications (as announcements);

Abel Polese's Strategy for Academic Publishing

3 December 2024

The Farabi Scientific Library hosted an open seminar by Abel Polese, PhD, Senior Researcher at the Institute of International Settlement and Reconstruction of Dublin City University, on the topic "Strategic thinking in relation to your academic career: developing a publication strategy and finding funding".

Publication activity is a key component of research endeavors, but achieving success in this field takes time. Beyond writing a well-structured article that summarizes research findings, scholars must also identify suitable journals for publication, establish effective communication with editorial boards, and develop a comprehensive strategy for publishing in prestigious global journals included in Scopus.



Abel Polese, PhD, Senior Researcher at the Institute of International Settlement and Reconstruction of Dublin City University devoted his seminar to this relevant and pressing topic.

The event attracted the interest of young scientists, master's and doctoral students, as well as students from KazNU and other universities. The seminar leader was introduced by Bekzhan Meirbayev, Dean of the Faculty of Philosophy and Political Science, PhD in Philosophy, and Associate Professor.



Abel Polese is a Marie Curie Fellow at the Technical University of Dresden (Germany) and the University of Edinburgh (Scotland). He has worked as a policy analyst at the European Commission (DG Research) and served as a visiting professor at several universities across the Americas (Harvard, Toronto, Manizales) and Europe (Paris, Budapest, Dubrovnik, Moscow), among others.

He is the author of *Scopus Diaries* and *The (Il) logics of Academic Survival*, which explore navigating academic careers. Polese also frequently blogs about the challenges faced by the academic community. The professor's research interests include a wide range of issues on the theory and practice of country development, post-Soviet politics and society, etc. Since 2021, Abel Polese has been teaching the discipline Methodology of research in the social sciences for doctoral students at the Department of Political Science and Political Technologies of Al-Farabi Kazakh National University. He has published six articles in Scopus-indexed journals (Q1 and Q2).

The seminar was held in an engaging form of interactive dialogue. The presenter talked about how to navigate a wide range of scientific publications and make the right choice. He outlined strategies for scholars aiming to publish in Scopus-indexed journals, emphasizing the serious selection process and the paramount importance of quality.

Abel Polese stressed: «Younger scientists often ask me how to get into Scopus, and I always respond: ‘Scopus is not a process but a result that comes after substantial scientific work - collecting data, analyzing results, and producing a well-written, structured article. The key to success is, first of all, the quality of the publication, and we must strive for this».

The seminar leader shared many secrets and nuances about a scientist's career such as the commercialization of the fruits of scientific work, motivation and success. At the end of the event, he answered all the questions of the audience in detail, succinctly and with humor manner.