

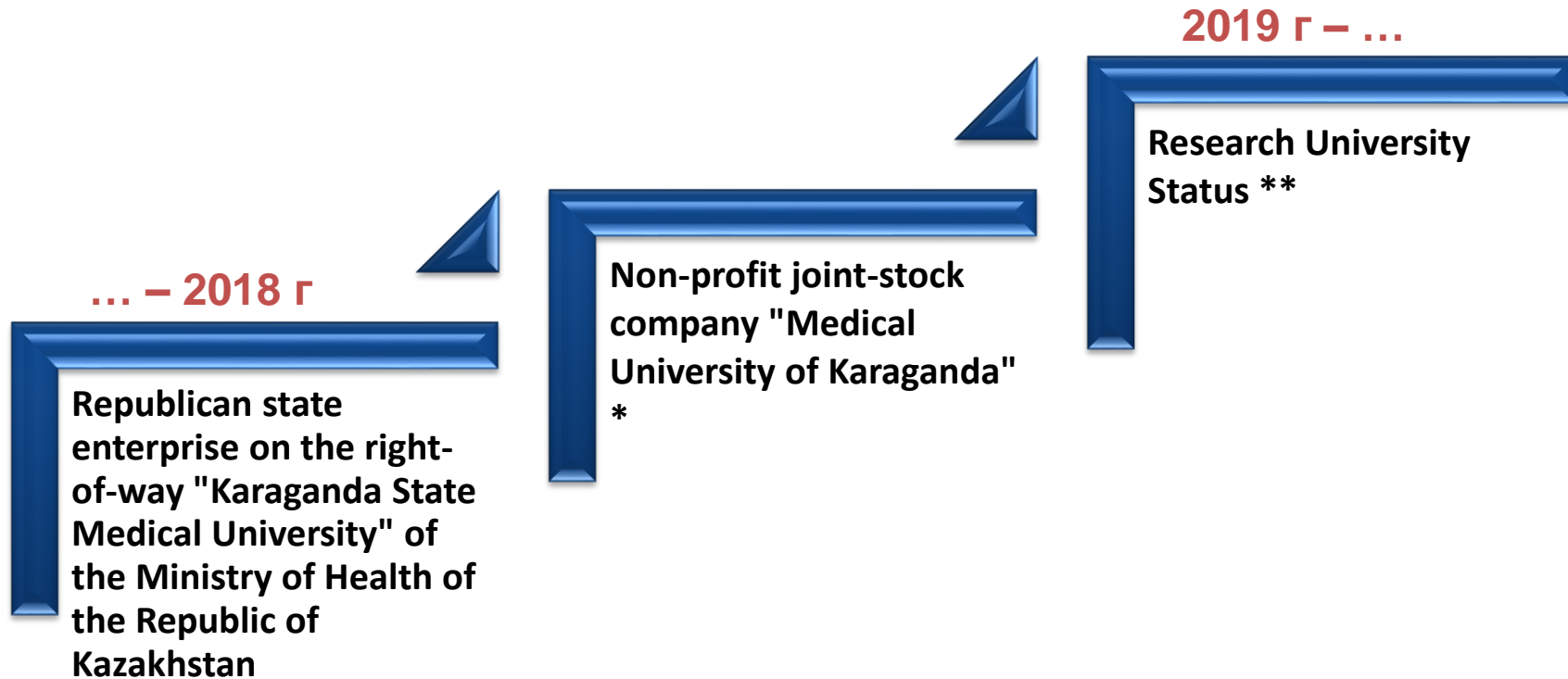


REPORT ON THE WORK OF NJSC "MEDICAL UNIVERSITY OF KARAGANDA" FOR 2019

DOSMAGAMBETOVA RAUSHAN SULTANOVNA
CHAIRMAN OF THE BOARD - RECTOR



DEVELOPMENT STAGES OF THE UNIVERSITY



What is implemented:

Revision of the mission, vision and strategic directions for the development of the university

Improving the efficiency of corporate governance

Optimization of the university structure

Decentralization of governance

Expansion of organizational, academic, personnel and financial autonomy

* Resolution of the Government of the Republic of Kazakhstan dated October 16, 2018 No. 646

** Decree of the Government of the Republic of Kazakhstan dated June 27, 2019 No. 453



VISION

A world-class research university serving the benefit of Kazakhstani society



STRATEGIC DIRECTIONS

- Excellence in education and student life
- Research leadership
- Helping the health system to promote and maintain health

MISSION

DEVELOPMENT OF SOCIETY, IMPROVEMENT OF HEALTH AND QUALITY OF LIFE OF THE POPULATION OF KAZAKHSTAN BY ACHIEVING EXCELLENCE IN SCIENCE, EDUCATION, PRACTICE.



VALUES

- Traditions
- Academic honesty
- Professionalism
- Innovations
- Civil and social responsibility





COMPOSITION OF THE BOARD OF DIRECTORS



O. A. ABISHEV
Vice Minister of Health of the
Republic of Kazakhstan



Akhmetov U. I.
Head of the National Center for
Public Health



N. V. Kadyukov
Deputy Chairman of the
Committee for State Property and
Privatization of the Ministry of
Finance of the Republic of
Kazakhstan



S. I. Sydykova
Director of the Department of
Science and Human Resources of
the Ministry of Health of the
Republic of Kazakhstan



B. V. Zorin
General Director of the NGO
"Dental Association"



E. S. PETRENKO
Expert Trainer EBRD in
Kazakhstan. Visiting Professor of
the Russian Economic University
named after G.V. Plekhanov,
Moscow, South Ural State
University.



BADINA Yu.V.
First Deputy Chairman of the
Karaganda City Branch of the Nur
Otan Party



R.S. DOSMAGAMBETOVA
Chairman of the Board - Rector
of NJSC "Medical University of
Karaganda"



COMPOSITION OF THE BOARD



DOSMAGAMBETOVA R.S.
Chairman of the Board -
Rector



HANDRIXON V. Provost
(First Vice-Rector)



A. A. TURMUKHAMBETOVA
Vice-rector for strategic
development and science



RIKLEFS V.P.
Vice-rector for Academic
Affairs



B. N. Koshierova Vice Rector
for Clinical Affairs



BEKTURGANOV Z.Z.
Managing Director

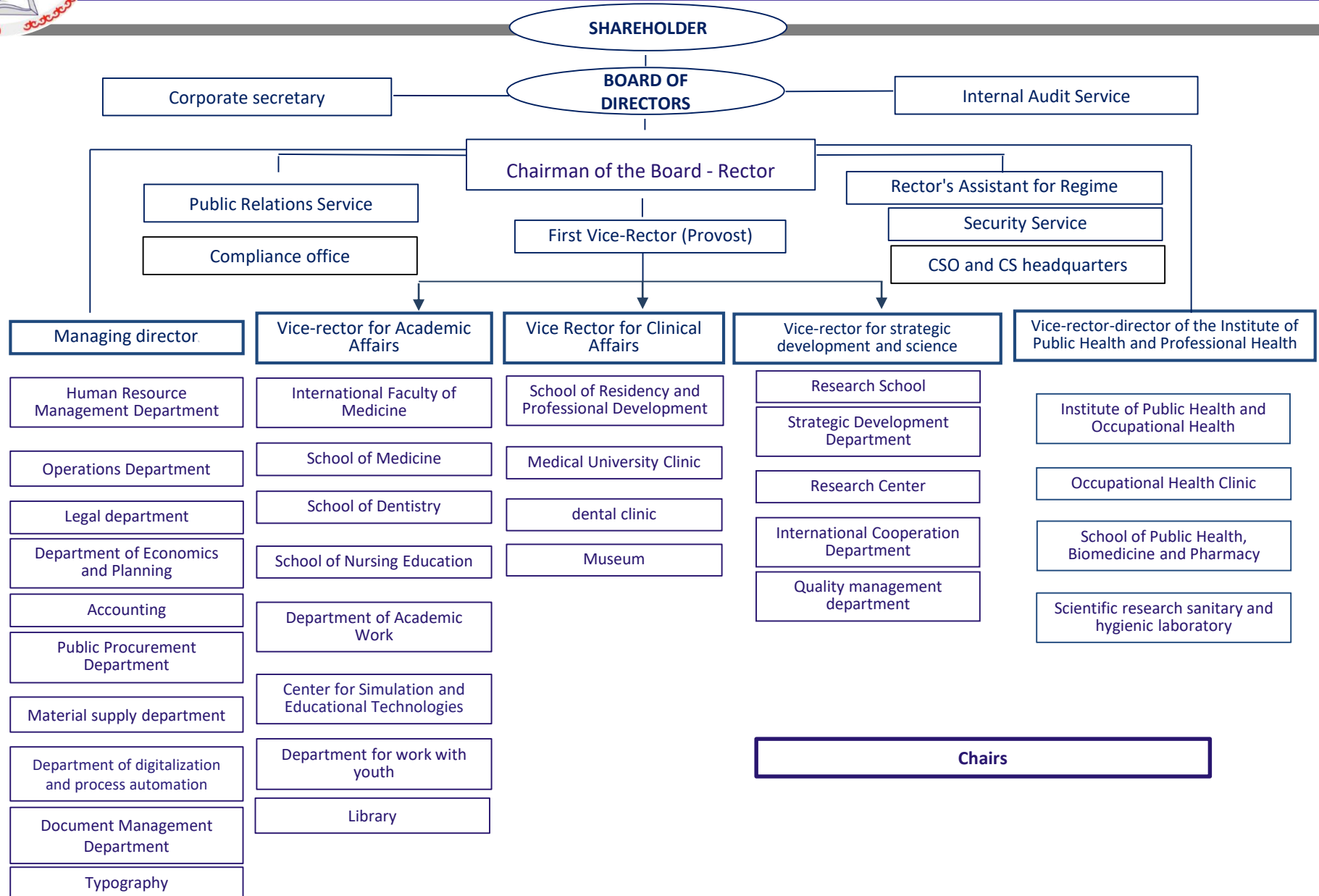


K. M. TUSUPOVA
Vice-rector-director of the Institute of
Public Health and Occupational Health

Formed in accordance with the decision of the Board of Directors dated May 31, 2019



ORGANIZATIONAL STRUCTURE





INFRASTRUCTURE



TRAINING CASES

Quantity - 7
29 160 sq.m.



Hostels

Quantity - 6,
2500 beds



Institute of Public Health
and Occupational Health
9200.7 sq.m.



MEDICAL UNIVERSITY
CLINIC
4537 sq.m.



DENTAL CLINIC
2,013 sq.m.



LIBRARY
1,394 sq.m.
607 315 copies



Center for Simulation and
Educational Technologies
1,300 sq.m.



COLLECTIVE LABORATORY
928 sq.m.



TRAINING
LABORATORIES
Quantity - 13



1 DINING ROOM,
6 BUFFETS



RECREATION AREAS
Quantity - 2
3 482 sq.m



MEDIA COMMUNICATIONS

Website KMU

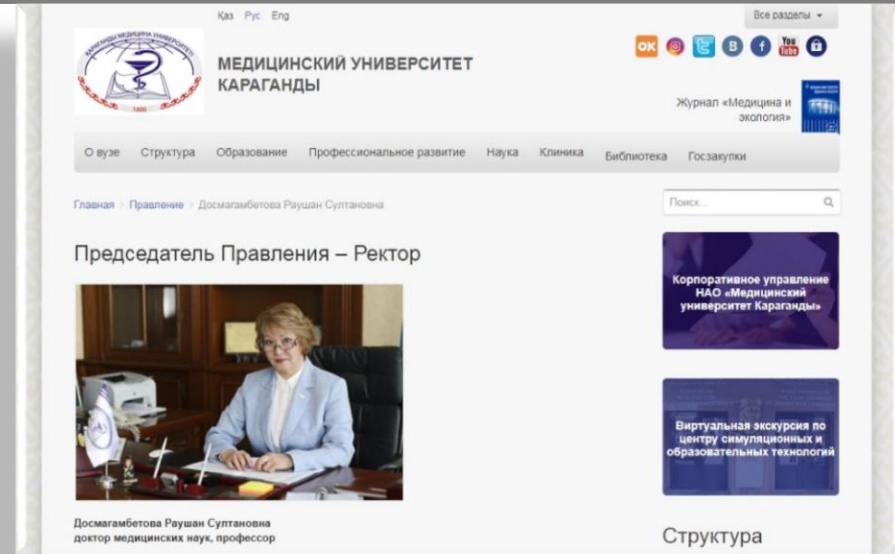
<http://www.qmu.kz>

> 1.5 million visits

Webometrics

**RANKING WEB
OF UNIVERSITIES**

- ✓ 23rd place among 122 universities of the Republic of Kazakhstan
- ✓ 2nd place among medical universities of the Republic of Kazakhstan



KMU in social networks



Number of subscribers

**35.4 thousand.
2019 г**

**28.5 thousand.
2018 г**

**University clinic in social networks:
> 6.0 thousand subscribers**





ACCREDITATION AND CERTIFICATION



University certification according to MS ISO 9001: 2015 (2015)

Completed an inspection audit in accordance with the requirements of the international standard MS ISO 9001: 2015 (2019)



University certification according to standard 50 001: 2015 "Energy Management" (2015)

Completed an inspection audit in accordance with the requirements of the international standard MS ISO 50001: 2011 (2019)



Accreditation in the field of healthcare for compliance with accreditation standards for medical organizations providing inpatient care with the assignment of the first category (2016)

Accreditation of NISGL SIC for compliance with the requirements of GOST ISO / IEC 17 025-2009 (2016)

Completed an inspection audit in accordance with the requirements of the international standard MS ISO 50001: 2011 (2019)



Certification for compliance with the standard of good clinical practice (GCP) by the Pharmacy Committee of the Ministry of Health of the Republic of Kazakhstan (2017)

Accreditation of a laboratory for collective use according to the standard ST RK ISO 15 189-2015 (2018)

An inspection of the first year passed in accordance with the requirements of the international standard ST RK ISO 15 189-2015 (2019)



Institutional accreditation of continuing education (2019)

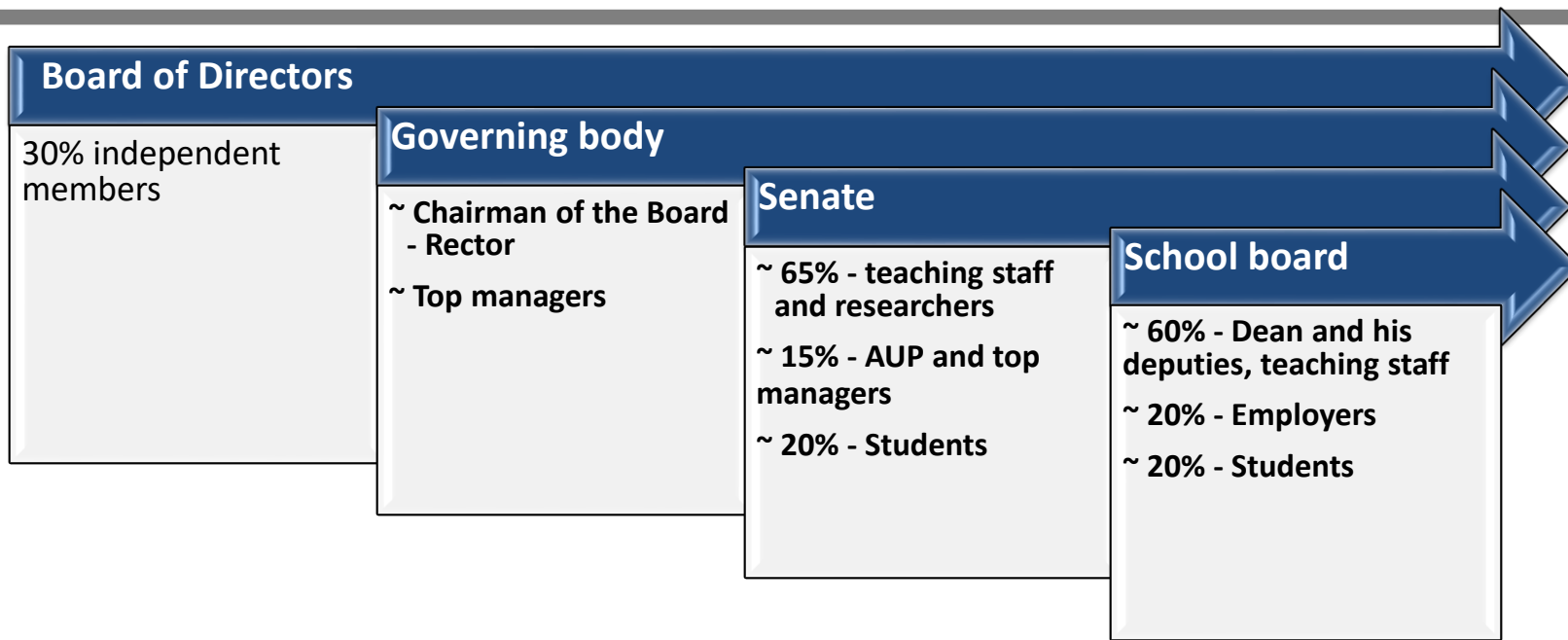


Institutional and specialized accreditation of TVE educational programs (2019)





ORGANIZATIONAL AUTONOMY



Powers of the Senate:

- Strategy for the development of educational activities of the university
- Priorities for the development of science at the university
- Strategies for the development of clinics and clinical activities of the university
- Priorities for international cooperation
- Issues of interaction between the university and society
- Issues of the effectiveness of the university



- **International Faculty of Medicine**

Dean

TOLEUBEKOV K.K.

- **School of Medicine**

Dean

GAZALIEVA M.A.

- **School of Dentistry**

Dean

KALINA A.S.

- **School of Public Health, Biomedicine and Pharmacy**

Dean

G.S. Kayupova

- **School of Nursing Education**

Dean

K. A. ESTEMESOVA

- **School of Residency and Professional Development**

Dean

V. B. TASHKENBAEVA

- **Research School**

Dean

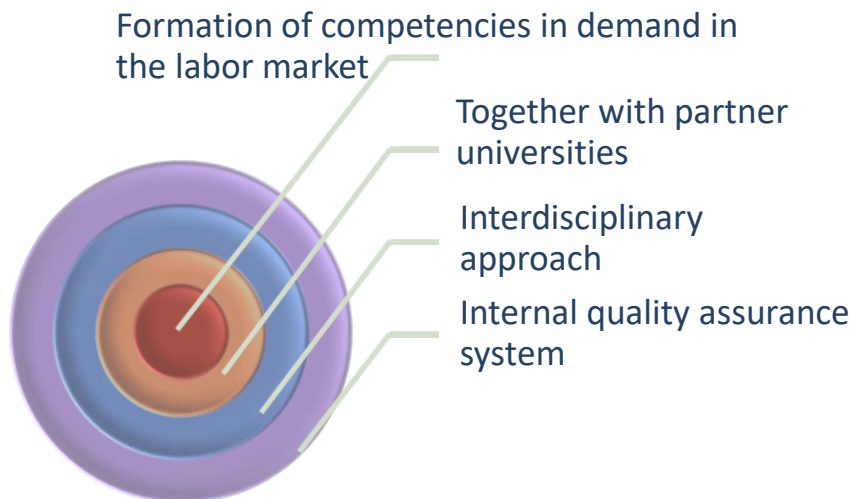
T. T. EDILBAYEVA

Schools mandate:

- School development strategy
- Development and management of educational programs, quality analysis
- School budget management
- Development of the scientific activity of the school
- Development of the internationalization of the school

IMPLEMENTED BY:

- ✓ Academic policy based on ESG standards
- ✓ Internal quality assurance system
- ✓ Development of matrix management of the educational program
- ✓ Spiral integrated educational programs that form competencies in demand in the labor market





Number of educational programs

Level

Undergraduate + Specialty	10
Master's Degree	9
Doctorate	4
Residency	28

Included in the Register of educational programs of the Ministry of Education and Science of the Republic of Kazakhstan

Operating EP	16
New EP	6
Innovative EP	5

образовательной программы	Вид ОП	ВУЗ (Разработчик)	Статус	Дата регистрации в Реестре
6B05101 Биомедицина	Новая ОП	Карагандинский государственный медицинский университет	Включенные ОП	09.07.2019
8D10140 Фармация	Действующая ОП	Карагандинский государственный медицинский университет	Включенные ОП	22.07.2019
8D07201 Технология фармацевтического производства	Действующая ОП	Карагандинский государственный медицинский университет	Включенные ОП	24.07.2019
8D10100 Медицина	Действующая ОП	Карагандинский государственный медицинский университет	Включенные ОП	09.12.2019

Joint educational programs

- IT medicine (KarSU)
- Clinical Psychology (KarSU)
- Biomedicine, Master (Poitiers, France)
- Public health, all levels (Lund, Sweden)
- Nursing, Bachelor's, Master's (Vilnius University)



Rating of educational programs, 2019

1-е место:

- Nursing
- Public health



LEADERSHIP among medical universities



based on IFOM test results
 (4th year - Savin N., Shestakov D.,
 6 course - Islambekov I.,
 Belogrvtseva E.)

Entrepreneurial education



Participation in the project "Student Entrepreneurship Ecosystem" in partnership with ERG and AlmaU

- Educational program "Public Health", jointly with LLP "GIO TRADE"
- ERG selected 4 student projects for Meet Up in Astana
- More than 500 students were trained in the educational program "Fundamentals of Entrepreneurship", developed jointly with NPP "Atameken"

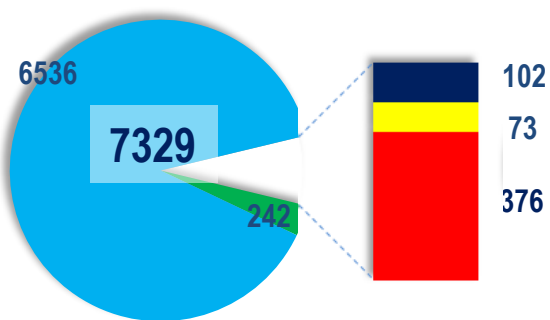


- Adoption of new editions of the Code of Academic Integrity, Academic Policy Syllabus Form
- The main vector of development for a fair criterial assessment of educational achievements
- The right of the student to demand an assessment from the teacher is fixed only on the basis of predetermined criteria.
- All marks given by teachers for the academic year will be subjected to detailed statistical analysis to identify "anomalies" in their setting.
- The transition to the final control in 90% of cases in the form of written work with double blind checking and checking for originality
- Elimination of midterm controls, carried out mainly in the form of computer testing

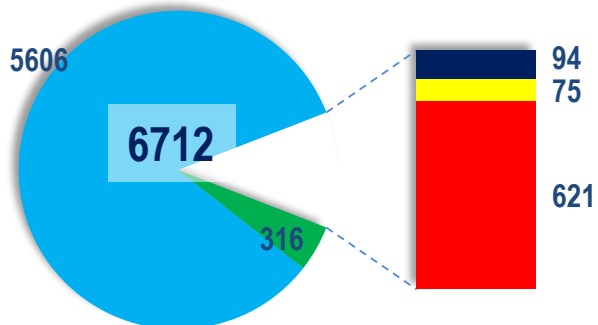




STUDENT CONTINGENT, pers.



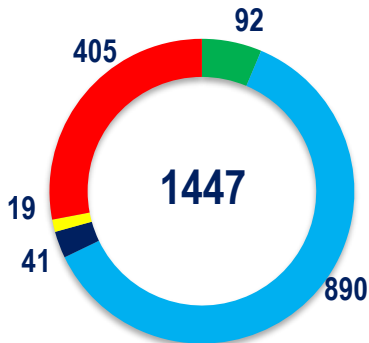
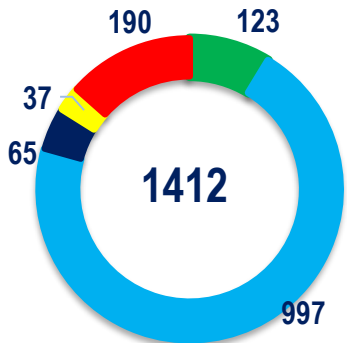
2018



2019

- Technical and professional educational programs
- Bachelor's degree
- Master's Degree
- Residency
- Doctorate

RECEPTION, people



Languages of instruction, %



■ Kaz ■ Rus ■ Eng

Foreign students, %



Independent assessment of the knowledge of graduates

The share of graduates who successfully passed the first test,%	2017	2018	2019
Internship:	99,8	99,6	99,9
Residency:	85	98,6	100

Additional education

Total for 2018-2019 trained - 4 415 students, of which: 3 686 doctors, 729 SMR.

On retraining cycles - 75 doctors, advanced training - 3 611 doctors, 729 nurses.

Employment of graduates

2017 2018 2019

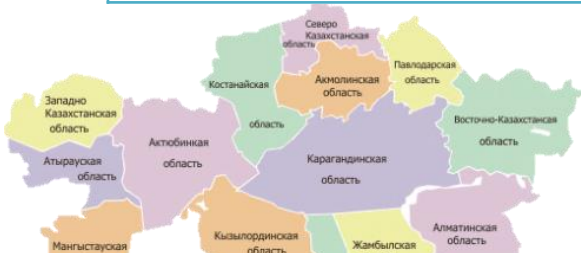
931 1 101 1 054

95 95 97

65 41 52

22 42 31

8 12 14



Issue *, people

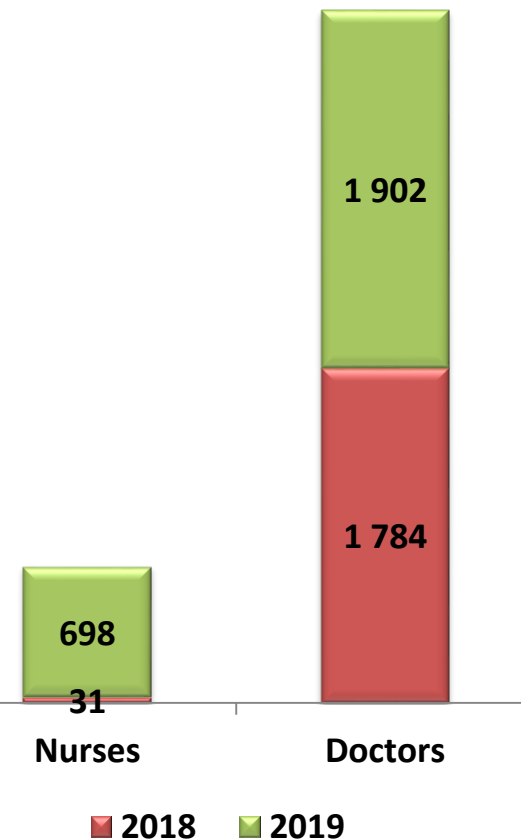
* Excluding foreign students

Employed,%

Started to work,%

Enrolled in residency, magistracy, doctoral studies,%

Postponement / release,%





		BD	MD	PhD	Residency
General medicine					23
Dentistry					
Public health					
Nursing					
Pharmacy					
Pharmaceutical production technology					
Biology					
The share of accredited programs at the university	62,5%	100%	100%	100%	70%



1300 м²



38 classrooms



418 mannequins
and simulators



2 657 600 ₮

FUNCTIONS OF THE CENTER:

- Providing an educational environment for teaching clinical skills, developing clinical competencies in students
- Development of the potential of teaching staff of medical universities

Online course
"Effective teacher"
on MOOCS.KZ - National Open
Education Platform of Kazakhstan

Национальная платформа открытого образования Казахстана

Просмотр курса в качестве: Сотрудник

Содержание курса | Информация о курсе | Обсуждение | Вики | Прогресс | Преподаватель

Курс "Эффективный преподаватель"

Модуль 1. Обучение взрослых

№1 Эффективное преподавание. Развитие преподавателей и оценка деятельности

№2 Теория обучения взрослых

№3 Компетентностный подход обучения в образовании

№4 Формулирование целей и задач обучения

Модуль 2. Активные методы обучения

Модуль 3. Инновационные технологии в образовании

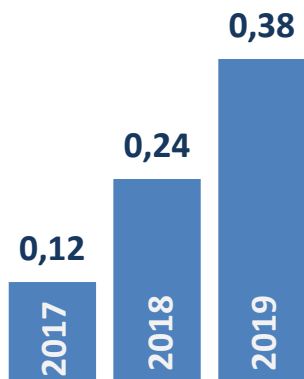
OpenLabyrinth - это система виртуального пациента (VP) с открытым исходным кодом. Оригинальная версия Labyrinth была разработана в Эдинбургском университете, а работа OpenLabyrinth продолжалась в Медицинской школе Северного Онтарио.

С 2012 года в рамках проекта TEMPUS был внедрен виртуальный пациент по кейсам.

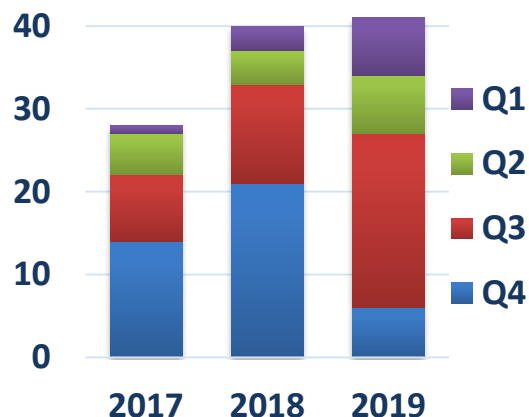
По структуре клинических кейсов можно разрабатывать линейные кейсы и разветвленные (бранчевые).

Разветвленный VP похож по стилю на игровое упреждение и позволяет пользо

Average Hirsch index



Number of articles in journals by quartile, units

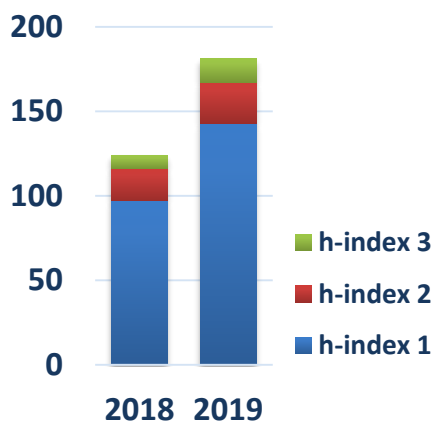


- "The best scientist in health care" according to the results of the Republican competition
- Highest Impact Factor 5.113

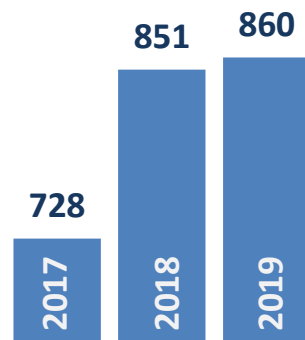
BABENKO D.B. -
Director of the
Research Center



The number of employees with the Hirsch index, people



Citation of publications in the Scopus database, units



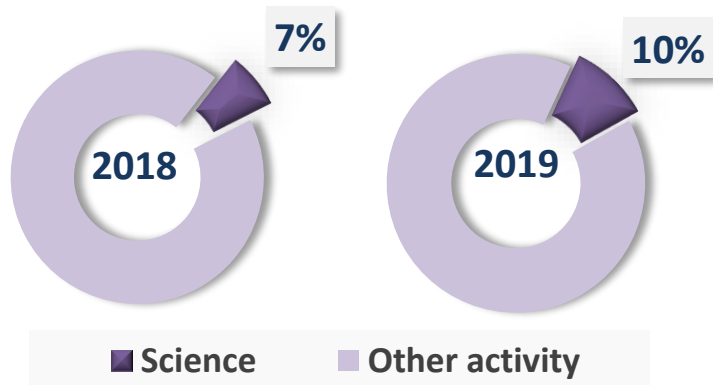
TOP employees by Hirsch index

Atzhanova G.A. Professor of the Department of Pharmaceutical Disciplines and Chemistry	7
Tusupova K.M. Vice-rector-director of the Institute of Public Health and Professional Health	5

Scientific and technical progress and research projects, units	2018	2019
Program-targeted financing	2	3
Grant financing	5	6
Contractual financing	18	13
Intra-university financing	7	5

Grant applications, units	2018	2019
Republican budget	27	28
International foundations	2	7

Share of income from research activities in the total budget



Share of spending on research activities **2,3%**

including

	thousand tenge
• Participation of students in scientific conferences	12 532,00
• Participation of teaching staff in scientific conferences	14 076,5
• Payment for publications in journals indexed in the Web of Science, Scopus databases	110,00
• Salaries of scientific and pedagogical workers	58 168,40
• Expenditures for intra-university grants	45 338

- ❖ **Dissertation Council on specialty 6D110100 "Medicine",**
organized in 2016
- ❖ **Dissertation Council on specialty 6D110400 "Pharmacy" and 6D074800**
"Technology of pharmaceutical production",
organized in 2017
- ❖ **Dissertation Council on specialty 6D110200 "Public Health",**
organized in 2019





THE INTERNATIONAL COOPERATION. MEMBERSHIP IN ASSOCIATIONS AND ORGANIZATIONS

INTERNATIONALIZATION AND PARTNERSHIP

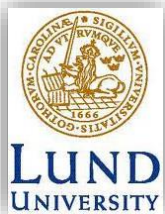
Partnership with 35 countries of the world

- Sweden
- Great Britain
- Spain
- France
- Portugal
- Germany
- Italy
- Finland
- Latvia
- Lithuania
- Hungary
- Slovenia
- Moldova
- Belarus
- Malaysia
- Japan
- China
- Russia
- Georgia
- Uzbekistan
- Tajikistan
- Kyrgyzstan
- Armenia
- other



Strategic partnership:

- Lund University
- Associated partners (Universities of Vilnius, Barcelona, Poitiers)















Association of Organizations
of Medical Education and
Science

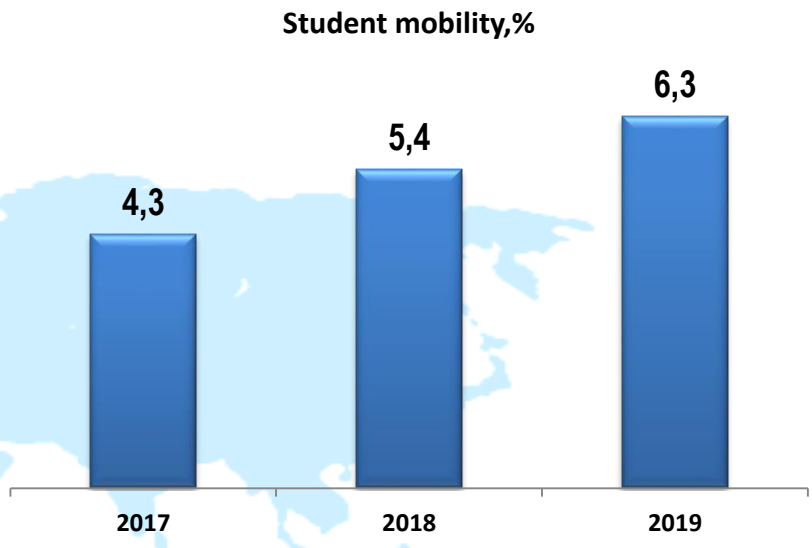
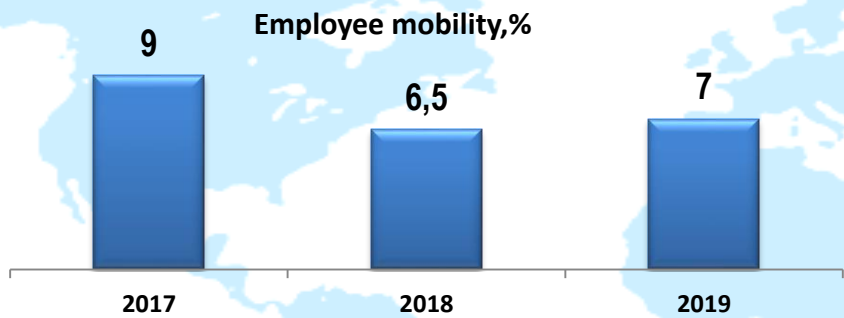




ACADEMIC MOBILITY

INTERNATIONALIZATION AND PARTNERSHIP

- France 
- Georgia 
- Russia 
- Japan 
- Sweden 
- Lithuania 
- Tajikistan 
- New Zealand 
- Portugal 
- Greece 
- Uzbekistan 
- Great Britain 



Costs

Own funds of the university:

2019	37 469 834 tenge
2018	57 609 892 tenge
2017	29 599 844 tenge

Budget financing
MH RK:

2019	2 553 096 tenge
2018	35 973 473 tenge

MES RK:

2017	5 480 468 tenge
------	-----------------

- France 
- Turkey 
- Sweden 
- Serbia 
- Portugal 
- Lithuania 
- Germany 
- Russia 
- Italy 
- Belarus 
- Spain 
- Uzbekistan 
- Greece 
- Tajikistan 



INTERNATIONAL PROJECTS

INTERNATIONALIZATION AND PARTNERSHIP

Funding under the ERASMUS + program:

WELCOME Opening Towards New International University Communities (2016 - 2019)

TUTORIAL Strengthening the network for education, research and innovation in occupational health and environment in Central Asia (2016-2019)

TRUNAK Transition to University Autonomy in Kazakhstan (2017-2020)

ProInCa Development of innovative potential of higher education in the field of nursing through the reform of the health care system (2017-2020)

SPRING Determining the Tools and Objectives of Peer Review in Medical Education (2019-2022)

Independent Medical Education Grant:

DEEPRAFT Physician Education, Patient Empowerment, Atrial Fibrillation & Venous Thromboembolism (2019-2021)

World Bank funded projects:

"Modernization of medical education in the Republic of Tajikistan" (consulting services)

"Improving the quality of medical education at TSMU named after Abuali ibn Sino, Tajikistan"
(consulting services)

Opening of technology transfer / commercialization offices at universities of the Republic of Kazakhstan

Consulting services on methodological assistance in improving the system of training competitive public health and biomedicine specialists

Preparations are underway for 2020: 6 ERASMUS + applications



Funded by the
Erasmus+ Programme
of the European Union



TUTORIAL

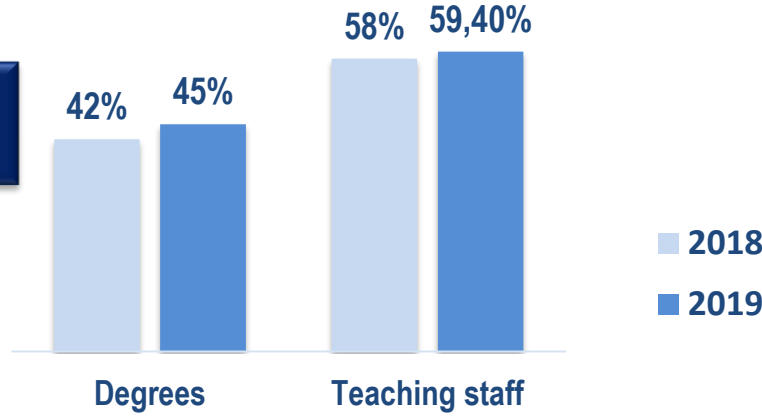
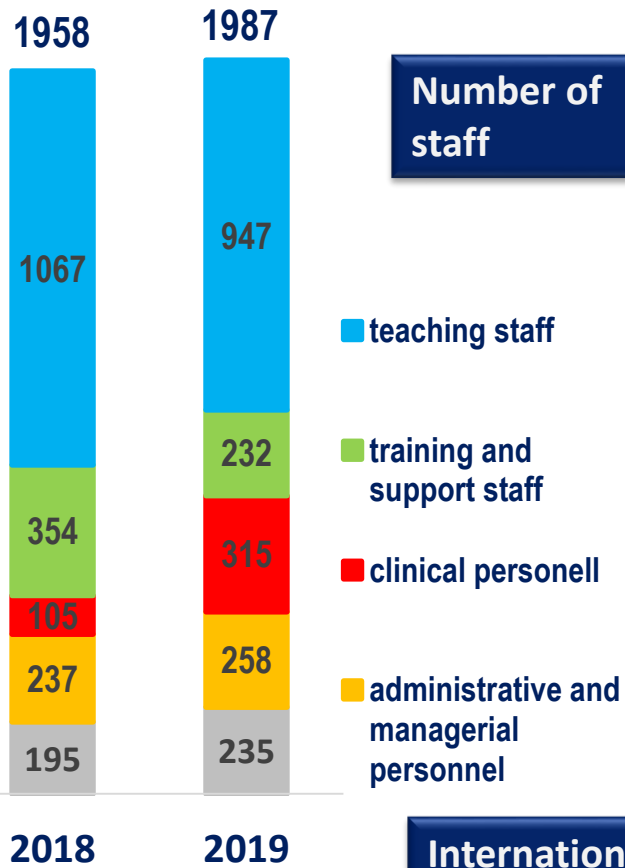


Стипендиальная программ
«Абай Верн»



Erasmus+
Jean Monnet
Programme





2018 → 2019

Middle age of teaching staff
 47 years (2018) → 48 years (2019)

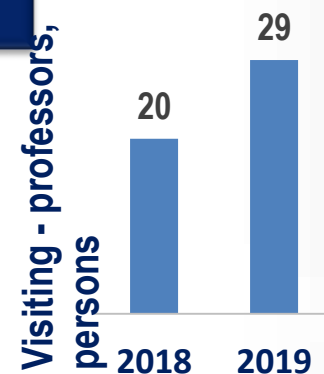
Staff turnover
 1,1% (2018) → 1,2% (2019)

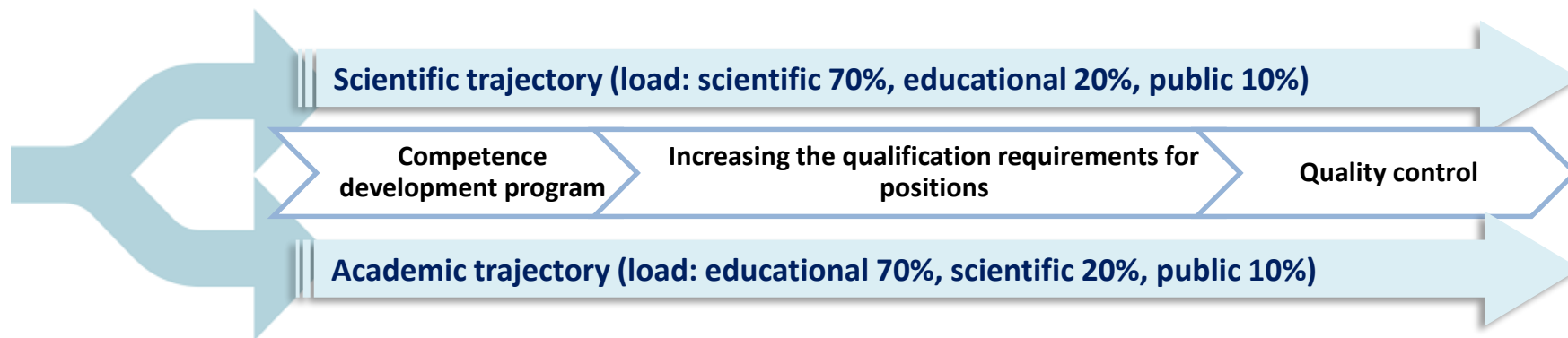
English-speaking employees under 45
 30% (2018) → 51% (2019)

International recruiting



Established teaching staff, India





Job qualifications

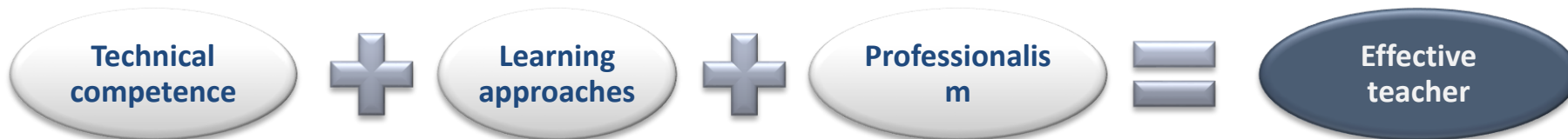
Professor

- At least 3 articles in journals indexed in Clarivate Analytics, Scopus over the last 3 years
- Hirsch index at least 2 according to Clarivate Analytics, Scopus

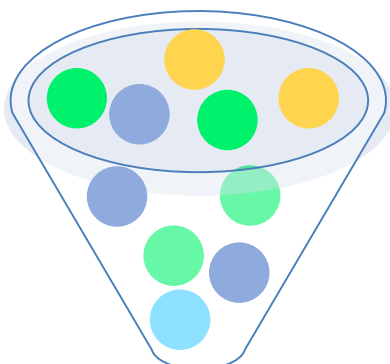
Research Professor:

- At least 6 articles in journals indexed in Clarivate Analytics, Scopus over the past 3 years
- Hirsch index at least 2 according to Clarivate Analytics, Scopus
- Experience of participating in research projects as a leader / executive officer

Faculty competence development program

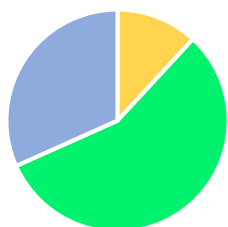


Characteristics of a "brilliant" teacher of a medical university
(R.M. Harden)

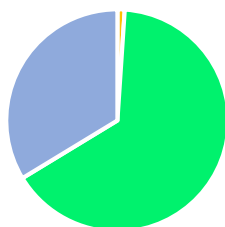


106 competencies

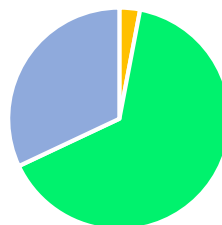
A basic level: only knowledge	75 competences of teaching staff of medical universities of the Republic of Kazakhstan, (National Center for Independent Examination)
Advanced level: knowledge + documented experience	
Expert: knowledge + documented experience + experience transfer	
*Soft skills	31 general competences of teaching staff (by Tuning)



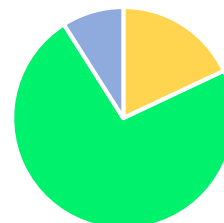
Professor



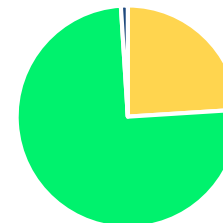
Assoc. Professor



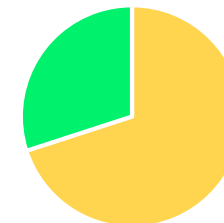
Assistant professors



Tutor



Teacher/Assistant



Teacher / Assist. trainee

Increase in wages



PPS

в среднем **+45%**
(23% - 64 %)



Medical staff

+30%



+15%

*from the official
salary

Supplements (monthly):

- Academic degree
- Medical, diagnostic and consulting work within the educational process
- Teaching in English

Rating of teaching staff and departments, 2019

The best clinical
department -
Department of
Internal Medicine
№1

The best professor -
Rakhimova B.B.

The best associate
professor - Esilbaeva
B.T.

The best teacher is
S.K. Mergenbekova.

Best Theoretical
Department -
Department of
Biology

The best assistant
professor - Tatina
A.N.

The best assistant is
Semenikhina P.S.

Best Assistant -
Trainee -
Koltunova E.A.

ПРЕМИЯ
≈250 000 000 ТГ



Including at the end of the
year:
indicators of the activities of
departments 34 135 500 tenge
Rating of teaching staff and
departments
3 550 000 tenge
Publications
1 406 000 tenge

Social support for employees
3 793 120 tg

Discounts on:

- training of employees' children;
- training;
- medical services SIC, bullpen



professional development



Other med. universities of the Republic of Kazakhstan



training at the center for simulation and educational technologies



More than 21 million per year

- Poland
- Austria
- Switzerland
- France
- Turkey
- Lithuania
- Greece
- Great Britain
- Sweden
- Spain
- Portugal
- Korea
- Lithuania
- Azerbaijan
- Russia
- Uzbekistan

Training

- Russia
- Spain
- Poland
- Great Britain
- France
- Turkey
- Austria
- Korea
- Azerbaijan
- Switzerland
- Lithuania
- Portugal
- Tajikistan

Семинары

- ППС – 3 чел.
- АУП – 2 чел.

Nazarbayev University

The university promotes the development of the level of language proficiency:

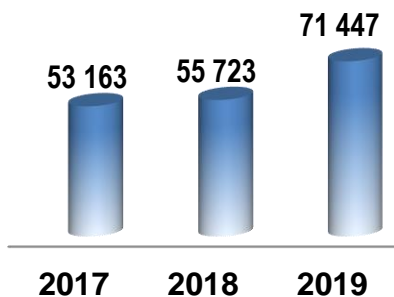
- English language courses - 87 people
- Kazakh language courses - 66 people
- English with native speakers from the Shahmardan Yessenov Foundation - 165 people / 45 employees



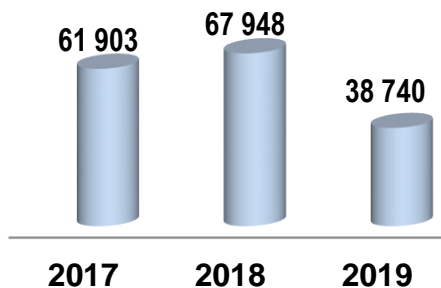
	Types of medical care	Forms of medical care
Medical University Clinic	Qualified Specialized	APP - KDU Inpatient and inpatient care: surgical profile therapeutic profile
dental clinic	Specialized health care	APP - KDU Emergency and planned dental care for children under 18 and pregnant women (except for orthodontic care) Orthodontic care for children with congenital cleft lip and palate
Occupational Health Clinic	<ul style="list-style-type: none"> • first aid • qualified medical care • specialized medical care 	<ul style="list-style-type: none"> - inpatient medical care - inpatient replacement medical care - outpatient care - consultative and diagnostic assistance

Number of services provided

within the guaranteed volume of medical care, units



on a paid basis, units.



Integrated medical information system introduced
(KMIS-Polyclinic, KMIS-hospital)



Occupational Health Clinic

- Department of professional therapy - 30 beds;
- Department of Professional Neurology - 30 beds;
- Consultative and diagnostic department, inpatient department for 3 beds, 20 beds funded by economic agreement;
- Coordination and analytical department.

School of Public Health, Biomedicine and Pharmacy

Branches of the Clinic are closed:
East Kazakhstan branch (40 beds)
South Kazakhstan branch (10 beds)
West Kazakhstan branch (5 beds)

Scientific research sanitary and hygienic laboratory

- Educational process
- conducting research on the problems of hygiene, occupational medicine, ecology
- material and technical support of research works
- performance of contractual work on sanitary and hygienic research in all industries
- certification of production facilities for working conditions





Surgical profile, 60 beds

- Urological profile
- general surgery
- Otorhinolaryngological profile
- Thoracic surgery
- Traumatological profile
- Gynecological profile

Therapeutic profile, 40 beds

- General therapy
- Neurological profile
- Cardiological profile

Day hospital - 10 beds



33 doctors
48 paramedics





Therapeutic dentistry and pediatric dentistry

Orthopedic dentistry

Orthodontics

Surgical dentistry

X-ray diagnostics

Physiotherapy



15 doctors
8 paramedic





The project office was created in accordance with the ideas of the First President N.A. Nazarbayev on the modernization of public consciousness, based on the tasks of preserving their own national cultural and genetic code, the fundamental basis of which is patriotism

LINGUISTIC AND HISTORICAL AND PHILOSOPHICAL
EDUCATION

REGIONAL CULTURE

REALIZATION OF THE CREATIVE POTENTIAL OF STUDENT
YOUTH

PROJECT "100 NEW FACES OF KAZAKHSTAN"

DEVELOPMENT OF DIGITALIZATION IN THE HIGHER
EDUCATION SYSTEM

STAGE-BY-STEP TRANSLATION OF THE KAZAKH LANGUAGE
INTO LATIN SCHEDULE

INFORMATION SUPPORT OF IMPLEMENTED PROJECTS

- Work with textbooks published under the project "New Humanitarian Knowledge. 100 new textbooks in the Kazakh language "
- Sociological research "Value orientations of students of NAO MUK"
- Debate tournaments "Bolashak zhastary" within the subprogram "Rukhani Kazyna"
- Expeditions within the framework of the project "Sacred Geography of Kazakhstan"
- Student festival "We are different, we are equal, we are together"
- Regional student forum "Saryarqa Jastary"
- Regional competition of patriotic songs "Menin Kazakhstanym!"
- II Congress of Student Scientific Societies of Medical Universities of Kazakhstan

CREATIVE



- 3 prizes in the regional competition "Zhas Kanat-2019"
- 1st place in the festival "Zhaidarman" for the cup of the Akim of the Karaganda region
- 1st place in the marathon "Bi marathon 2019", Nur-Sultan
- 1st place in the Republican competition of children's and youth creativity «Вершина успеха 2019»
- 1st place in the regional competition of patriotic songs "Menin Kazakhstanym"
- Grand Prix at the International Competition of Art and Dance Sports "Ball of Champions"



SPORTS



- 1st place in the Republican volleyball tournament among medical universities, Aktobe
- 1st place in the "Student League" table tennis competition
- 3rd place in the cross-country championship of the Republic of Kazakhstan, Taraz
- 1st place in the annual marathon "Atyrau Marathon 2019", Atyrau
- 3rd place in a charity volleyball tournament, Karaganda
- 3rd place in track and field cross-country, Karaganda
- 2nd and 3rd place in the Championship of the Karaganda region in hand-to-hand fighting
- 2nd place in the regional chess tournament among universities and veterans
- Prize places in the XIII Spartakiad for the prize of the akim of the Karaganda region dedicated to the year of youth

INTELLIGENT

- 1 place in the republican debate tournament "EREKSHE 2019", Almaty
- 3rd place at IV MEDICAL GLOBAL FORUM KazMSA, Almaty
- 1st place in the international debate tournament "SDU CUP - 2019"
- 43 winners of international Olympiads
- 43 winners of international conferences
- 7 winners of international competitions



STARTUP

- Advance to the semifinals at the National Cup "Enactus Kazakhstan" (team "Enactus KMU", Almaty)
- 1 place in the republican competition "3.2.1 - Start!", The team "Enactus KMU", Astana
- 1 place in the international make-up "TOM: Bishkek", Bishkek (Pavel Ivachev, Mansur Bikkavleev)
- Presentation of the project of university students "Star Shoes Whitener" to the President of the Republic of Kazakhstan K.K. Tokayev, Kostanay



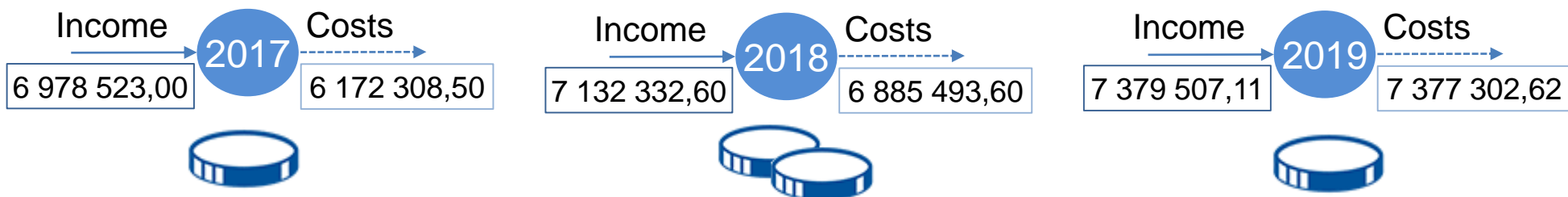


- ✓ **Research University Status**
- ✓ **1st place in the rating of NPP Atameken "Nursing" and "Public Health"**
- ✓ **Accreditation of additional education**
- ✓ **Institutional and specialized accreditation of technical and vocational education.**

- ✓ **VICTORIES IN COMPETITIONS**
- ✓ **NAO MUK - the winner of the competition for the selection of offices for the transfer / commercialization of technologies in the universities of the Republic of Kazakhstan for financing the Ministry of Education and Science of the Republic of Kazakhstan**
- ✓ **NAO MUK is the winner of the competition of the English language program of the V.I. Academician Shakhmardan Yessenov (165 people are trained, 2019-2020)**
- ✓ **Staff:**
- ✓ **The winner of the nomination "Best Scientist in Health Care" according to the results of the Republican competition - Babenko D.B.**
- ✓ **The winner of the "Kulibin Among Us" nomination according to the results of the "Zamandas Innovation" competition - A. Chichkanova. (research school specialist)**
- ✓ **Nominee for the award of the city akim "Nur qadam" in the nomination "Young Leader of the Year" - Sarsenbayev K.K. (deputy dean of the International Medical Faculty)**

- ✓ **NEW PROJECTS**
- ✓ **International project Erasmus + SPRING**
- ✓ **4 international projects funded by the World Bank**

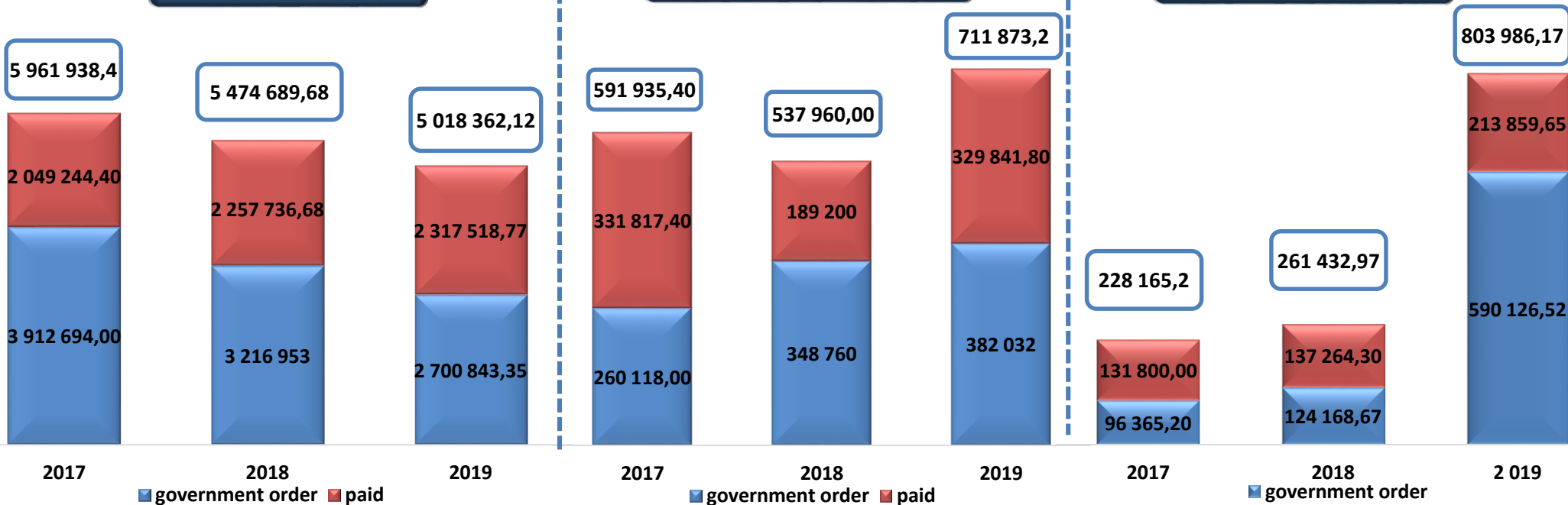
Income, expenses in thousand tenge



Education

The science

Clinic





expenditures	2018, thousand tenge	2019, thousand tenge
Wage fund, incl. incentive payments	3 364 621,90	3 843 021,04
Academic mobility of teachers and students	36 613,40	38 995,10
Travel expenses	76 509,60	87 350,00
Professional development of teachers and staff	25 771,40	20 841,20
Conference participation costs	15 052,70	16 500,00
Internship for doctoral students and undergraduates	27 927,50	14 183,22
Wage arrears of the National Center for Occupational Hygiene and Occupational Diseases		15 925,80



STRENGTHS

- Academic reputation of the university
- High quality training of students based on the results of an independent examination of graduates of internship and residency
- Active development of university autonomy
- Expansion of educational programs of postgraduate education
- High proportion of foreign students in the total student population
- Increasing student participation in university activities with the support of the administration
- Employee innovation potential
- Development of the system of external motivation of the scientific and pedagogical staff of the university
- Availability of own university clinics
- A wide range of medical services, provision of services in the guaranteed volume of medical care, compulsory medical insurance
- High involvement of teaching staff in clinical activities
- Digitalization of university processes
- Implementation of minimally invasive technologies in surgery

WEAK SIDES

- Decrease in the contingent of students
- Low proportion of PhD doctoral students and undergraduates in the contingent of students
- Education in English covers a limited number of educational programs
- Lack of foreign students at the postgraduate level
- Underdeveloped system for assessing the profitability and marketing of educational services
- Low level of cooperation with foreign research centers
- Insufficient publication activity of scientific and pedagogical staff
- Long-term priorities of research programs of scientific schools are not defined



CAPABILITIES

- Expanding the autonomy of the university
- Attracting foreign students to master's and doctoral programs
- Widespread introduction of joint educational programs
- Expanding the geography of attracting foreign students and academic mobility
- Cooperation with foreign experts for joint publications
- Expanding participation in international projects to increase the potential of higher education
- International cooperation in the development of the scientific potential of the university
- Diversification of sources of income, attracting financing from international funds, investors and partners
- Introduction of high medical technologies

THREATS

- High competition in the market of educational, clinical and scientific services
- Growing costs of educational services with low tuition fees for an educational grant
- Lack of possibility of long-term planning of funding for research and clinical activities of the university
- Rapidly aging infrastructure amid rapid technological development
- Growth of unscrupulous suppliers in public procurement

LONG-TERM PLANS

- Further development of internal autonomy in the university
- Implementation of an internal quality assurance system for all types of activities
- Increase in the contingent of students, mainly the level of postgraduate education
- Attracting foreign students to postgraduate education programs
- Attraction of funding for research projects, including from international funds
- Introducing innovative medical services and increasing the volume of services
- Construction of a hostel for 400 places



- Innovative technologies in surgery, dedicated to the 85th anniversary of the honored worker of the Republic of Kazakhstan, professor Lokhvitsky S.V. (February 2020)
- Current issues of public health and professional health (March, 2020)
- 5th Central Asian Conference on Medical Education (October, 2020)
- PHC Conference (October 2020)

70th anniversary

**MEDICAL UNIVERSITY OF
KARAGANDA**



KARAGANDA MEDICAL UNIVERSITY

Thanks for attention!

