



Federal State Budgetary  
Educational Institution  
of Higher Education

NOVOSIBIRSK STATE MEDICAL UNIVERSITY  
of the Ministry of Healthcare of Russia



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**1935 – Novosibirsk State Medical Institute**

**1999 – Novosibirsk State Medical Academy**

**2005 – Novosibirsk State Medical University**

Novosibirsk State Medical University is a large modern centre of education and science, which prepares highly qualified specialists for practical health care, academic and industrial research institutes. It is a dynamically developing innovative educational, scientific, and medical complex that occupies leading positions in the system of medical education, and a multiple winner of national competitions among higher educational institutions of the Russian Federation.



*At all times the university carries out one mission — it teaches to treat people and it is the cradle for many generations of brilliant doctors and scientists. There are academicians, professors, and head doctors of medical institutions among our graduates*

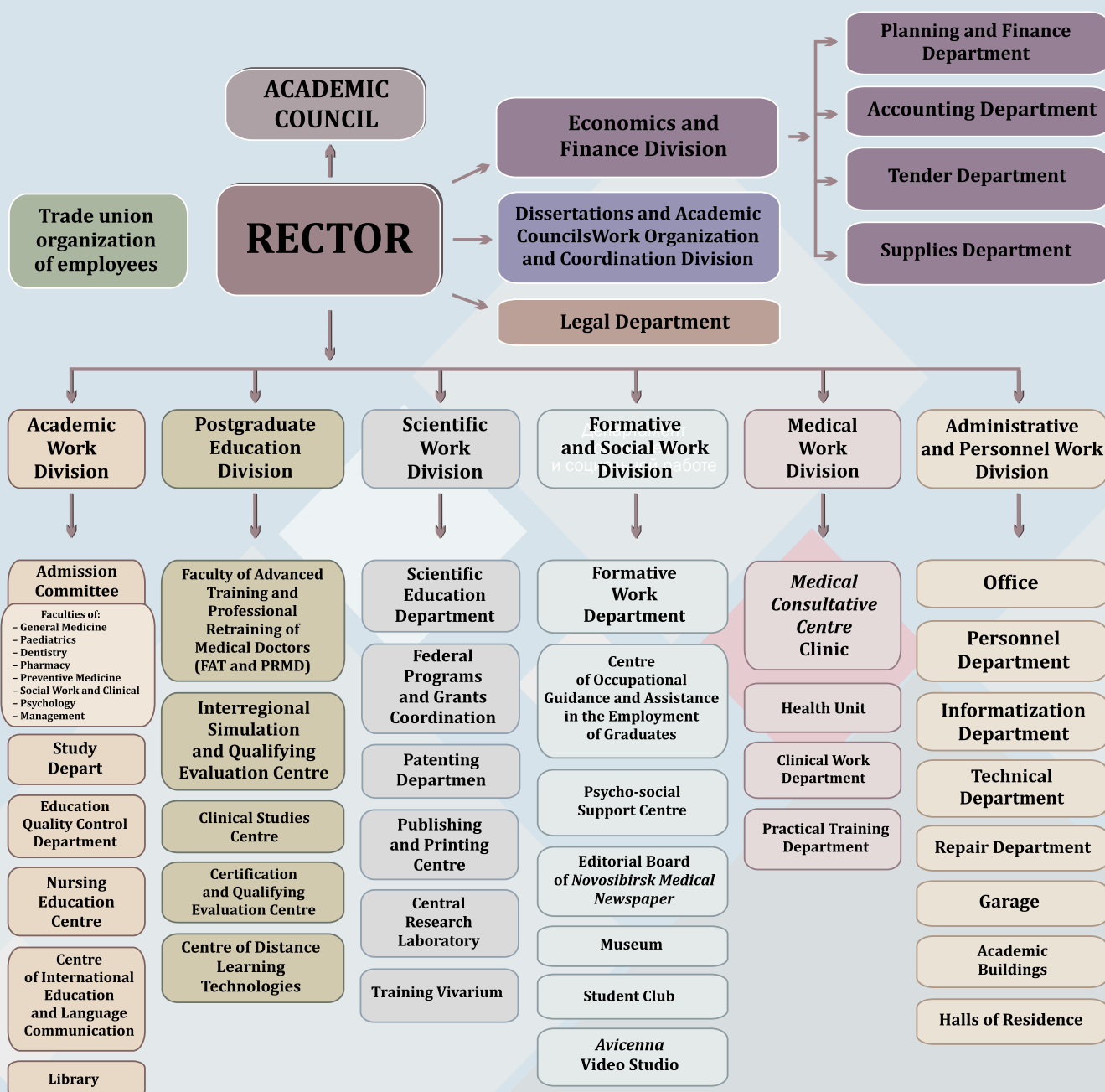
All the successes and achievements of the university became possible thanks to the efforts of many generations of scientists, lecturers, and other staff members. They established traditions which have been cherished and multiplied by the team of NSMI–NSMA–NSMU for more than 80 years. Outstanding graduates of the university who have contributed to the development of science and practical health care of the region and the country as a whole become the winners of the specially established at the university nominations and titles of «Honorary Professor of NSMU», «For contribution to the development of NSMU», «The Gold Reserve of NSMU», «The Legend of the University». Their names are the best benchmark for young professionals who are beginning their way in science.

The staff of the university participate in international medical projects, conferences, congresses, symposia, and practical trainings in foreign universities, travel to provide counselling and medical care, and deliver lectures in medical centres around the world.

Over the years of the university existence it has trained over 40000 doctors, retrained tens of thousands of practical health care professionals. Many generations of graduates work in the Novosibirsk region and far beyond its borders. They possess the most up-to-date knowledge and skills, successfully work in various fields of medical science and education; they are distinctively well grounded, have deep knowledge and a high degree of professionalism.



# THE STRUCTURE OF THE NOVOSIBIRSK STATE MEDICAL UNIVERSITY OF THE MINISTRY OF HEALTHCARE OF RUSSIA



## EDUCATIONAL ACTIVITY

**NSMU provides training according to programs of higher and secondary professional education, as well as advanced training and professional retraining.**

**The priority direction of the educational activity of NSMU is to improve the quality of professional education on the basis of a practice-oriented approach to teaching**

The university strives to correspond to the level of the world educational standards both in organization of educational process and in the grounding quality of graduates: we introduce modern models of organization of educational process, improve our teaching methods, and apply interactive educational technologies. All this allows to prepare competitive specialists with the system of competencies that meet the requirements of professional and educational standards and the labour market.



NSMU trains more than 5000 students, resident doctors, and graduate students every year. During studying process the main emphasis is put not only on getting knowledge, but also on a student's personality formation. When organizing studying process we pay much attention to the clinical training of future doctors and to the development of their practical skills in simulation clinics of the Interregional simulation and qualifying evaluation centre of NSMU.

To meet the needs of practical health care for medical personnel some students have assignment to a job and study against contract with the Novosibirsk region and a number of other regions of Russia.

A quality management system certified by the international body BUREAU VERITAS Certification has come into effect in the university since 2005.

The scope of certification: educational services in the field of medicine, social work, psychology, and economics in public health.

NSMU has a certificate of recognition that the existing quality management system meets the requirements of ISO 9001.



# FACULTY OF GENERAL MEDICINE

The faculty of general medicine was organized in 1935 and it had been the only faculty of the Novosibirsk State Medical Institute for 30 years

**Speciality 31.05.01 GENERAL MEDICINE (Specialist's level):**the training is conducted according to the higher education program; the term of study is 6 years. Diploma: vrach-lechebnik (corresponds to general practitioner).

**The educational program 34.03.01 NURSING (Bachelor's level):**the training is conducted according to the higher education program; the term of study is 4 years. Diploma: Akademicheskaya meditsinskaya sestra/brat. Prepodavatel. (corresponds to academic nurse;lecturer).

**Speciality 34.02.01 NURSING (secondary professional education):** the term of study is 2 years 10 months. Diploma: meditsinskaya sestra/brat (corresponds to nurse).



## GENERAL MEDICINE

At the departments located in the university's academic buildings the study of theoretical and fundamental disciplines is conducted. Practical classes, practical and on-the-job training take place in simulation clinics of NSMU, at training facilities hospitals and polyclinics of the city and the region, research institutions, and federal medical centres. Acquiring practical skills in simulation classrooms on models, manipulation trainers, phantoms, and simulators students use the acquired skills in clinical settings.

Graduates of specialty General Medicine are given a qualification of vrach-lechebnik (corresponds to general practitioner) that gives them the right to work in general hospitals, specialized hospitals and preventive health care institutions, polyclinics, dispensaries, outpatient medical rooms, emergency stations, ambulance stations of large companies, medical consulting rooms, prenatal centres, diagnostic centres, social service agencies, research institutes, and universities.

After receiving a diploma of higher education graduates of the general medicine faculty have the opportunity to undergo a primary accreditation of a specialist and work as a doctor in an outpatient services or undergo training in various specialties in residency.

## NURSING

The level of bachelor's degree provides higher education oriented to applied professional activities. There is a full-time form of studying possible according to an individual plan with the use of e-learning and distance educational technologies.

After graduating from the university bachelors can work as chief or senior nurses of hospitals and preventive health care institutions, directors and administrators of clinics, senior medical doctor's assistants of emergency stations, and senior midwives of maternity hospitals; they also can manage structural divisions of medical organizations and social protection institutions.



# PAEDIATRIC FACULTY

The paediatric faculty was organized in 1965

**Speciality 31.05.02 PAEDIATRICS (Specialist's level):** the training is conducted according to the higher education program; the term of study is 6 years. Diploma: vrach-pediatr (corresponds to paediatrician).



The activity of a pediatrician is connected with the prevention, diagnosis, and treatment of diseases in children and adolescents from birth to 18 years.

Theoretical and practical classes are conducted at the departments located in the university's academic buildings. Classes in clinical disciplines, practical and on-the-job training take place in adult and children's departments of training facilities, hospitals and polyclinics of the city and the region.

Students practice their skills on phantoms in simulation classrooms and apply gained experience in clinical settings during on-the-job training. Such organization of the educational process allows graduates to prepare as fully as possible for independent practical activity.

After receiving a diploma graduates of the paediatric faculty have the opportunity to undergo a primary accreditation of a specialist and work as a paediatrician in an outpatient services or undergo training in various specialties in residency.



The faculty of dentistry was organized in 1978

**Speciality 31.05.03 DENTISTRY (Specialist's level):** the training is conducted according to the higher education program; the term of study is 5 years. Diploma: vrach-stomatolog (corresponds to dentist).



The activity of a dentist is connected with the prevention and treatment of teeth, i.e. with the treatment of dental caries, inflammatory processes, and infectious diseases of the oral cavity.

The theoretical knowledge obtained at the departments of the university is consolidated in practical classes. Studying of clinical disciplines, practical and on-the-job training take place at specialized departments of the faculty of dentistry, as well as in dental clinics and dental departments of hospitals of Novosibirsk and the Novosibirsk region. Practical skills training, including dental prosthetics, is conducted on phantom and simulation equipment.

After receiving a diploma graduates of the faculty of dentistry have the opportunity to undergo a primary accreditation of a specialist and work as a dentist in an outpatient services or undergo training in various relevant specialties in residency.



# PHARMACEUTICAL FACULTY

The pharmaceutical faculty was organized in 2001

**Speciality 33.05.01 PHARMACY (Specialist's level):** the training is conducted according to the higher education program; the term of study is 5 years. Diploma: provizor (corresponds to pharmacist).

**Speciality 33.02.01 PHARMACY (secondary professional education):** there are full-time and part-time forms of studying; the term of study is 2 years 10 months; Diploma: farmacevt (corresponds to pharmacy technician).



Training of future specialists is carried out in close connection with pharmaceutical enterprises, pharmacy organizations (community, retail, and hospital pharmacies), and research institutes. Students improve their practical skills in large pharmaceutical enterprises, including national distributors of medicines, pharmacy organizations, pharmacies of medical organizations, and pharmaceutical manufacturers.

Graduates who receive the qualification of provizor are entitled to organize the work of pharmacies, participate in pharmaceutical compounding or industrial production of medications, carry out quality control of pharmaceutical products and raw materials for their manufacturing, and to work in certification of medicines and in research institutes as well.

After receiving a diploma of higher education graduates have the opportunity to undergo a primary accreditation of a specialist and solve the problems of development, testing, registration, production, quality control, and sale of medicines.

The field of activity of graduates with the qualification of farmacevt connected with dispensing of medicines.





# FACULTY OF SOCIAL WORK AND CLINICAL PSYCHOLOGY

■ The faculty of social work was organized in 2002. A year later the faculty of clinical psychology was opened at the university. In 2013 the faculties were united

**The educational program 39.03.02SOCIAL WORK (Bachelor's level):** it is a correspondence course with use of distance educational technologies; the term of study is 4.5 years. Diploma: bachelor.

**Speciality 37.05.01CLINICAL PSYCHOLOGY (Specialist's level):** the training is conducted according to the higher education program; the term of study is 5.5 years. Diploma: klinicheskij psikholog (corresponds to clinical psychologist).



The profession of social worker is most suitable for those who are interested in contemporary social problems of Russia and are ready to work with dysfunctional and conflict families, children, and teenagers who are in difficult life situations.

Students studying according to the Social work program gain knowledge in the field of social sciences, psychology and pedagogy, law and economics, and theory and technology of social work. One of the important stages of studies is a practical training that students have in family and children care centres and in centres of family placement of children (orphanages), in institutions of psychiatric service, and in the state institution of Federal Penitentiary Service.

After receiving a diploma graduates have the opportunity to work as specialists in the issues of rehabilitation and social adaptation of citizens in health care and social protection institutions, in rehabilitation centres, in specialized children's institutions, in the units of the Ministry of Emergency Situations, etc.

A clinical psychologist conducts psychological work with people having difficulties of adaptation and self-realization connected with their physical, psychological, social, and emotional state.

During study process students enrolled for course of Clinical Psychology get knowledge in the field of psychodiagnostics, psychological correction, and psychological rehabilitation of patients in hospitals and preventive health care institutions and in institutions of medical and social assistance to the population.

After receiving a diploma graduates have the opportunity to work in general hospitals and psychiatric hospitals, psychoneurological and drug abuse clinics, children rehabilitation centres and educational institutions, research institutions, and organizations whose activities are connected with provision of medical care.

# FACULTY OF PREVENTIVE MEDICINE

The faculty of preventive medicine was organized in 2011

**Speciality 32.05.01 PREVENTIVE MEDICINE (Specialist's level): the training is conducted according to the higher education program; the term of study is 6 years. Diploma: vrach po obschej gigiene, po epidemiologii (corresponds to medical practitioner in the field of hygiene and epidemiology).**

Medical practitioners in the field of hygiene and epidemiology are engaged in preventing of diseases, creating of favorable conditions for maintaining of health and ensuring of sanitary and epidemiological wellbeing of population.



A required part of the educational program is practical and on-the-job training organized in hospitals and preventive health care institutions and in organizations of the Federal service for surveillance on consumer rights protection and human wellbeing.

Graduates of the faculty have the right to work in agencies and organizations of the Federal service for surveillance on consumer rights protection and human wellbeing (in departments of Rospotrebnadzor, Hygiene and Epidemiology Centers in regions of the Russian Federation), disinfection services, antiplague stations, research institutions, and also in hospitals and preventive health care institutions.

After residency graduates can specialize in the following areas:

- \* general hygiene;
- \* epidemiology;
- \* nutrition hygiene;
- \* communal hygiene;
- \* radiation hygiene;
- \* occupational health;
- \* hygiene of children and adolescents;
- \* virology;
- \* bacteriology;
- \* disinfectology;
- \* sanitary and hygienic laboratory research;
- \* hygienic education;
- \* organization of sanitary-and-epidemiologic service;
- \* organization of the state sanitary and epidemiology service.



- The faculty of economics and management in public health was organized in 2002. In 2011 it was
- renamed the faculty of management

**The educational program 38.03.02MANAGEMENT (Bachelor's level): it is a correspondence course with use of distance educational technologies; the term of study is 4.5 years. Studying according to the accelerated 3.5 years program is available on the basis of the first higher or special secondary education. Diploma: bachelor.**



The need for effective public health managers is extremely high today. In 2012 at the National congress of physicians of the Russian Federation the Minister of Health of the Russian Federation V.I. Skvortsova noted that “the forthcoming large-scale work and the tight deadlines within which the most important decrees of the President of Russia are to be implemented require cohesion and high level of professionalism and the degree of involvement from the entire medical community.” Effective management plays a special role in solving of these problems.

In addition to basic economic, administrative, managerial, and financial disciplines students study such special disciplines as the organization of medical care, public health and public health care, public health economics, social and medical insurance, legal regulation in health care, etc.

Graduates of the faculty can work as managers in the financial and economic departments of boards of health, medical institutions, and insurance companies; in research and healthcare institutions, as well as deal with questions of administration, management, and documentation of activity in other organizations.

# INTERNATIONAL ACTIVITIES

- International cooperation is one of the leading activities of the university. For this reason the Centre of International Education and Language Communication was formed in 2008



Foreign students of NSMU account for about 10% of the total number of students including undergraduates, residents, and graduate students. There are citizens of the CIS countries, Germany, Mongolia, Ghana, Nigeria, Syria, Palestine, etc. among them.

The university implements programs of international academic mobility for teaching staff and students; there are agreements on cooperation with medical and educational institutions of Germany, Italy, the Czech Republic, China, Vietnam, Japan, Mongolia, Kazakhstan, Kyrgyzstan —more than 20 foreign universities.

NSMU takes part in various grant programs for study abroad conducted by Russian and foreign organizations.



Representatives of NSMU become laureates and winners of such programs and competitions as:

- ◆ German Academic Exchange Service (DAAD);Программа ERASMUS;
- ◆ ERASMUS program;
- ◆ Global educational program for training personnel in the economic and scientific spheres according to multilingual system in Japan, the CIS countries, and the Baltic States;
- ◆ All-Russian open competition for the appointment of a scholarship of the President of the Russian Federation for studying abroad, etc.





## RESIDENCY

- In the residency graduates with higher medical and pharmaceutical education are trained according to main programs of higher education — residency programs. The term of study is 2 years



Residency training is conducted at leading clinical departments of the university. More than half of the study time is allocated for mastering practical skills in virtual simulation clinics of the university that use new technologies and advanced methods of diagnosing and treatment, as well as in various medical organizations of Novosibirsk and the Novosibirsk region.

### Specialties of residency for graduates of general medicine and pediatric faculties:

- |  |  |  |
|--|--|--|
| * Obstetrics and gynecology            | * Neurology  | * X-ray endovascular diagnosis and treatment |
| * Allergology and immunology           | * Neurosurgery                                     | * Reflexotherapy                             |
| * Anaesthesiology and intensive care   | * Neonatology                                      | * Cardiovascular Surgery                     |
| * Gastroenterology                     | * Nephrology                                       | * Forensicmedical examination                |
| * Hematology                           | * General medical practice (family medicine)       | * Therapeutics                               |
| * Genetics                             | * Oncology   | * Thoracic Surgery                           |
| * Geriatrics                           | * Public health and public health careorganization | * Traumatology and orthopedics               |
| * Dermatovenereology                   | * Otorhinolaryngology                              | * Transfusiology                             |
| * Pediatric cardiology                 | * Ophthalmology                                    | * Ultrasound diagnostics                     |
| * Pediatric surgery                    | * Pathological anatomy                             | * Urology                                    |
| * Pediatric endocrinology              | * Pediatrics                                       | * Physiotherapy                              |
| * Diabetology                          | * Occupational Pathology                           | * Phthisiology                               |
| * Dietology                            | * Psychiatry                                       | * Functional diagnostics                     |
| * Infectious diseases                  | * Psychiatry –narcology (addictive diseases)       | * Surgery                                    |
| * Cardiology                           | * Psychotherapy                                    | * Oral and maxillofacial surgery             |
| * Clinical Pharmacology                | * Rheumatology                                     | * Endocrinology                              |
| * Clinical laboratory diagnostics      | * Radiology  | * Endoscopy                                  |
| * Coloproctology                       |  |  |
| * Exercise therapy and sports medicine |  |  |
| * Manual therapy                       |  |  |

### Specialties of residency for graduates of the faculty of dentistry:

- |                         |  |
|-------------------------|--|
| * Pediatric dentistry   | * Clinical laboratory diagnostics                  |
| * Prosthetic dentistry  | * Public health and public health careorganization |
| * Therapeutic dentistry | * Orthodontics                                     |
| * Dental surgery        | * Oral and maxillofacial surgery                   |
| * Radiology             |  |

# POSTGRADUATE TRAINING

## ADVANCED TRAINING AND PROFESSIONAL RETRAINING OF HEALTH PROFESSIONALS

- For health professionals who have a higher or secondary medical or pharmaceutical education the university offers courses of advanced training and professional retraining at the faculty of advanced training and professional retraining of medical doctors



Advanced training of medical practitioners has been conducted at the university since 1968 when the faculty of advanced medical studies was formed. Today it is the faculty of advanced training and professional retraining of medical doctors.

The faculty trains **more than 6000 people in 65 specialities** every year. Administrative and managerial staff of medical institutions, middle medical and pharmaceutical personnel, pharmacists and clinical psychologists can be students of the courses.

In the teaching process new educational technologies such as distance education and e-learning are being actively introduced; the programs and teaching and methodical content of courses are regularly updated; programs of courses



and training modules are prepared and placed on the Portal of Continuing Medical Education of the Ministry of Health of Russia.

At the departments of the university conditions for acquiring new theoretical and practical knowledge and developing professional skills with using of latest medical technologies in simulation classes are created.

On the website of the university on the page of the chosen department there is possibility to find the curriculum and plans of courses, choose the required educational course, register, and print out the necessary documents (personal doctor's card, consent to the processing of personal data, voucher and card of student).

### The university provides advanced training and professional retraining in the following specialities:

- \* obstetrics
- \* anaesthesiology and intensive care
- \* bacteriology, hygiene and sanitation
- \* dietology
- \* laboratory diagnostics
- \* clinical psychology
- \* laboratory work
- \* general medicine
- \* medical massage
- \* surgery
- \* organization of nursing care
- \* radiology
- \* nursing
- \* nursing cosmetology
- \* accident and emergency medicine
- \* dentistry
- \* physiotherapy
- \* functional diagnostics
- \* epidemiology
- \* pharmacy



# INTERREGIONAL SIMULATION AND QUALIFYING EVALUATION CENTRE

- Practical training of students, residents, medical doctors, and healthcare professionals is carried out
- in Interregional simulation and qualifying evaluation centre of NSMU



Virtual clinics simulating the structure, functions, logistics, and other processes of hospitals and preventive health care institutions were created and work successfully in the centre:

- ◆ virtual clinic of emergency medical aid
- ◆ virtual surgical clinic
- ◆ virtual dental clinic
- ◆ virtual clinic of obstetrics and gynecology
- ◆ virtual nursing clinic
- ◆ virtual pharmacy

Virtual clinics are equipped with modern robotic simulators of patients, virtual simulation trainers, and patient simulation dummies, which implement clinical scenarios based on the principle of feedback.

In 2015 the Russian society of simulation training in medicine (ROSOMED) gave the centre the status of the Level III Simulation and Qualifying Evaluation Centre (level III is the highest level), which gives the right to conduct practical training and accreditation of medical and pharmaceutical professionals.

On the basis of the centre's virtual clinics workstations for conducting the accreditation procedure for medical and pharmaceutical professionals with using of technologies of the Objective structured clinical examination with subsequent issuance of permits for the conducting of medical and pharmaceutical activity were created.



## SCIENTIFIC WORK

- The main directions of research activity of NSMU are aimed at the development of fundamental and applied research activities in the interests of innovative development of the medical industry of the Siberian region



Scientific investigations at the university are mainly applied in nature and aim **to improve health and quality of life of the population, as well as to meet the needs of practical health care.**

The investigations are carried out in close cooperation with the institutes of the Siberian Branch of the Russian Academy of Sciences, federal research institutes of the Ministry of Health of the Russian Federation, Russian and foreign universities, hospitals and preventive health care institutions, and manufacturing enterprises of Siberia.

The scientific investigations are carried out within the framework of priority directions in the field of biomedical sciences, clinical medicine, preventive medicine, and pharmacy:

- ◆ development of new methods of diagnosing, treatment, rehabilitation, and prevention of diseases that determine the high mortality rate of the population;
- ◆ development of new methods of diagnosis and treatment of “old age diseases” taking into account polymorbidity;
- ◆ study of female reproductive health problems;
- ◆ study of the quality of life of various social strata of the population;
- ◆ study of the physiological characteristics of the growing organism of the child;

- ◆ study of the effects on the health of the population of social and ecologically determined factors;
- ◆ study of etiopathogenesis;
- ◆ study of problems of restorative medicine, balneology, and physiotherapy.

In the field of personalized medicine new laboratory and instrumental biomarkers are being searched for.

The university is a participant of the *Pharmacology* and *Oncology* scientific platforms, within the framework of which the government funded research and development are carried out.

For participation in the *Medicine of the Future* technology platform NSMU uses breakthrough technologies that allow identifying the emergence of new markets for high-tech products and services, as well as enabling their rapid distribution in the medical and pharmaceutical industries.

To organize research work of students and young scientists a **Student scientific society (SSS)** was established at the university. The main goal of the SSS is **to create conditions for the discovery of the scientific potential of students and young scientists, the introduction of results of their scientific creativity into practice, and the preservation and development of scientific schools of NSMU.**



# CENTRAL RESEARCH LABORATORY

- The Central research laboratory (CRL) is the basic scientific unit of the university;
- its goal is to increase the efficiency of research work through use of equipment and laboratory animals in experimental studies



The laboratory performs collaborative research with the staff of the university departments and research institutes; extrabudgetary research contracts with scientific and manufacturing enterprises are carried out. In CRL the Studying of molecular-cellular markers of inflammatory and neoplastic genesis — the research funded by the Ministry of Health of the Russian Federation is carried out.

CRL conducts fundamental research in the field of medical, natural, and other sciences, applied research in early diagnosis and treatment and prevention of diseases. New technologies, medical equipment, diagnostic test kits, and dietary supplements are developed.

**The laboratory conducts collaborative research on substitution of import medicines with medicines developed in Russia and determines their effectiveness in the treatment of infectious and inflammatory diseases.**



The laboratory equipment makes it possible to use such research methods as:

- ◆ immunohistochemical;
- ◆ ultramicroscopic;
- ◆ histological;
- ◆ morphocytochemical;
- ◆ morphometric;
- ◆ biochemical and biophysical;
- ◆ enzyme-linked immunosorbent assay;
- ◆ molecular-cell (PCR diagnostics, etc.).

CRL takes part in training of academic staff of high qualification through postgraduate study and preparation of dissertations for a scientific degree without training in graduate school.

# ACADEMIC STAFF TRAINING

- The university has highly qualified academic staff who provide training of graduate students in accordance with the requirements of federal state educational standards for higher education

After finishing fellowship study the graduate is given the qualification of Researcher.  
sLecturer – researcher

The training of scientific and teaching staff at the university is carried out in graduate school in the following areas:

- ◆ biological sciences
- ◆ fundamental medicine
- ◆ clinical medicine
- ◆ preventive medicine
- ◆ pharmacy
- ◆ psychological sciences
- ◆ philosophy, ethics, and religious studies



For defending completed dissertations for the academic degrees of candidate and doctor of medical sciences 4 dissertation councils in 7 specialties function in NSMU:

## **Dissertation council D208.062.01**

- 14.01.16 - Phthisiology (Medical sciences)
- 14.01.09 - Infectious diseases (Medical sciences)

## **Dissertation council D208.062.02**

- 14.01.05 - Cardiology (Medical sciences)
- 14.01.04 - Internal diseases (Medical sciences)

## **Dissertation council D208.062.03**

- 14.01.17 - Surgery (Medical sciences)
- 14.01.20 - Anaesthesiology and intensive care (Medical sciences)

## **Dissertation council D208.062.06**

- 14.01.10 - Skin and venereal diseases (Medical sciences)

Work with applicants for academic degrees is conducted in the mode of remote access, in which all theses are tested in the electronic system for borrowed material.

**From 45 to 60 dissertations are defended in the dissertation councils of NSMU every year.**



- Qualified medical care for the population of Novosibirsk and the region is provided by joint efforts of practical health care services and academic and other staff of NSMU who perform a large amount of consultative and medical diagnostic work



More than 500 university employees work at clinics which are located in outpatient and inpatient medical institutions.

The majority of non-staff main specialists and heads of hospitals and preventive health care institutions of Novosibirsk and the Novosibirsk region are employees of NSMU.

17 of 18 regional scientific and practical societies and coordination councils in the healthcare sector of the region are headed by employees of the clinical departments of the university.

The rector of NSMU and the vice-rector for medical work are active members of the Coordination committee of the Qualifying evaluation commission for qualifying evaluation of medical and pharmaceutical professionals of the Ministry

of Health of the Novosibirsk Region. The clinical departments staff of the university participate in the development of all-Russian and regional standards of medical care.

More than 320 new methods of prevention, diagnosis, treatment, and rehabilitation of patients have been introduced into the practice of medical institutions.

More than 100 employees of the university perform medical and diagnostic work in the structural unit of NSMU—the *Medical Consultative Centre Clinic*.

The teaching staff and students of NSMU conduct charitable actions:

- Our gift for life donor action
- The pink ribbon
- Healthy heart, etc.



# FORMATIVE WORK

The concept of the formative work of NSMU is to ensure the integrity and interrelation of academic and extracurricular student activities, the formation of students' moral, spiritual, and cultural values, their positive attitude toward future independent medical activity, and disclosure of social and personal significance of physicians' work in the learning process

The university attaches great importance to creation of a comfortable psychological atmosphere among students. For this purpose measures to detect the socio-psychological factors of ill-being that affect mental health, learning, and interpersonal relationships are taken, and the necessary assistance is provided.

For the purposes of adaptation of freshmen to new people around them and a new rhythm of life **The Freshman festival, Initiation into the residents of hostels, and Freshmandance party** are held in September.



**MedStars, Miss NSMU, Student Spring in Siberia,** and other traditional annual creative contests are very popular among students.

On-stage performance groups of NSMU take an active part in the festive events of the university, participate annually and win prizes at city and all-Russian competitions of performance groups.

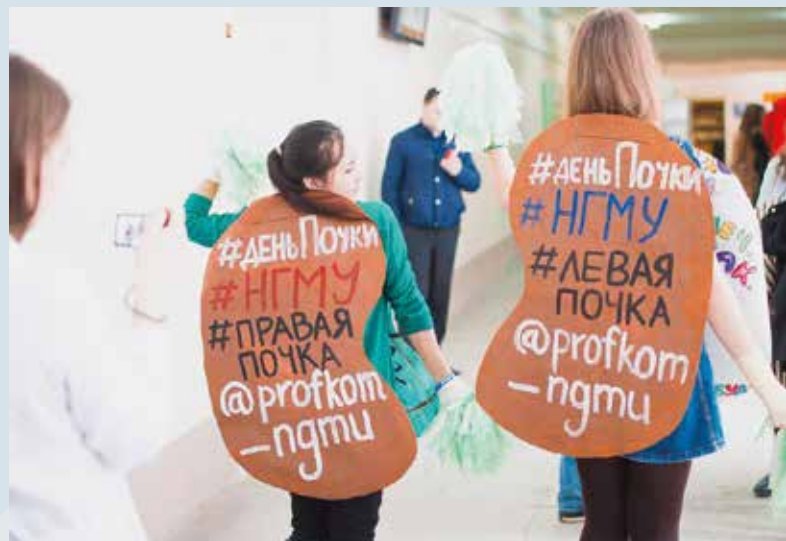
**NSMU is known for its student olympiad movement.** Every year the university conducts subject olympiads in many clinical specialties; they are of various levels: intra-university, regional, and international. Students from different cities of Russia, countries of near and far abroad come to NSMU.

Participation in the olympiads allows students to immerse themselves more deeply in a particular medical specialty and decide on their future professional activity.





Volunteer movement is very active at the university. Teams of students united by interests participate actively in the donor movement, preventing of offenses, providing support to orphans, preventing of social diseases, healthy lifestyle promoting, organizing of sanitary teams and first aid competitions among students and schoolchildren of the city.



NSMU has always been famous for its sports achievements. In the student sports club of the university there are more than 20 sections in different areas.

Main events of the life of the university and medical community of the city are covered in the *Novosibirsk Medical Newspaper* published in NSMU and information videos and films of the *Avicenna* video studio.



In the Museum of the history of the university students can learn the main stages of the formation of the university, the biographies of scientists and lecturers who contributed to the development of the university. Everyone can visit the virtual museum of the history of the university on the website of NSMU.

# OCCUPATIONAL GUIDANCE

Occupational guidance in NSMU is realized on the basis of the school–university–health care institution model and is aimed at the selection of applicants wishing to take a medical degree, at helping students in choosing their future specialization, and at motivating graduates to work in practical healthcare



Occupational guidance work at the university is conducted both at the pre-university stage and throughout the entire training of students in the university.

**Pre-university training includes one- and two-year medical and biological classes, as well as evening and Sunday courses** for final year school students; classes take place at the departments of the university.

Students of pre-university training courses and high school students are invited to participate in university events (olympiads, sanitary teams competitions, quizzes, and student conferences).

It has become a tradition to conduct occupational guidance activities such as Day of NSMU for

schoolchildren of Novosibirsk and the region, meetings of students of different courses with the management of hospitals and preventive health care institutions, and meetings of students who study against contract with head doctors of medical institutions; that contributes to solving urgent problems of understaffing of urban and rural medical institutions.

The university facilitates the employment of students who completed their 4th year and received a certificate that gives them the right to work as nurses.

Twice a year job fairs for students and residents where students can meet with employers in person and decide on their future professional activity are held.







*At all times we teach to treat people!*



*At all times we teach to treat people!*

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Novosibirsk State Medical University  
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