

**V.I. VERNADSKY
CRIMEAN FEDERAL UNIVERSITY**

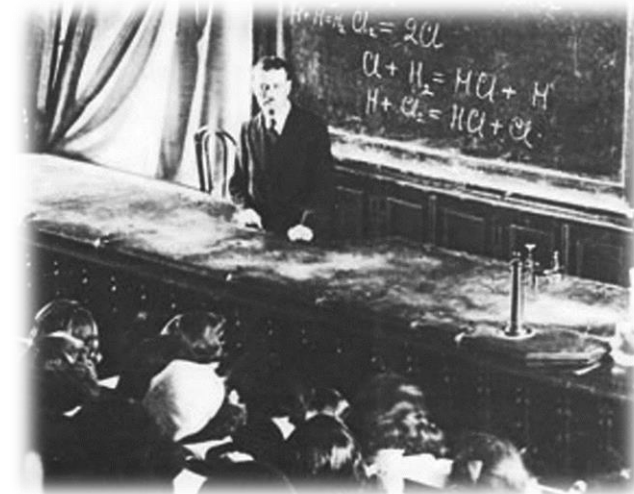
Vernadsky CFU

V.I. Vernadsky Crimean Federal University's Focus Areas

History of the University

The history of the largest university in Crimea dates back to 1918 when the peninsula's first institution of tertiary education, Taurida University, was established. Among its notable founders were prominent Russian scientists Vladimir Vernadsky, Roman Helwig, Nikolai Andrusov, Mikhail Bogoslovsky, Vladimir Obruchev, and Vladimir Palladin.

Although the number one university in Crimea has born different names over the years, its essence has remained the same: high quality of education and research.





V.I. Vernadsky Crimean Federal University

VERNADSKY CFU's FOCUS AREAS

Today, V.I. Vernadsky Crimean Federal University comprises 23 academic and non-academic units and 12 branches located across Crimea, including 10 academies and institutes, 7 colleges, 11 branches and 12 research and science institutions and centres.

Organisational Structure and Management

Academics

Admissions

Research, Science and Innovations

International

Youth and Social Policy

Increasing Attractiveness and Reputational Capital

Implementation of the Vernadsky CFU's Development Programme



Vernadsky CFU's Academic Units



Taurida Academy is an academic unit of Vernadsky CFU with a rich, century-long history.

The Academy is comprised of:

- The Faculty of Biology and Chemistry
- The Faculty of Geography
- The Faculty of History
- The Faculty of Crimean Tatar and Oriental Philology
- The Faculty of Mathematics and Informatics
- The Faculty of Psychology
- The Faculty of Slavic Philology and Journalism
- The Faculty of Physical Education and Sports
- The Faculty of Philosophy
- The Faculty of Law
- The Faculty of Information and Printing Technologies
- The Institute of Foreign Philology

Vernadsky CFU's Academic Units

The roots of the Medical Academy named after S.I. Georgievsky go back to the Faculty of Medicine of Taurida University. Today, the Academy produces competent health professionals for Crimea, Russia and dozens of countries around the world.

The Academy comprises:

- The 1st Medical Faculty
- The 2nd Medical Faculty
- The Stomatological Faculty
- The International Faculty
- The Faculty of Post-Diploma Education



Vernadsky CFU's Academic Units

The history of the Academy of Construction and Architecture dates back to 1960. Nowadays, the Academy offers programmes in construction, urban planning and landscape architecture, power engineering, municipal and water management.

The Academy includes:

- The Faculty of Construction and Architecture
- The Faculty of Water Resources and Power Engineering
- Consol Targeted Training Institute
- Centre for Further Education
- Graduation Projects Centre



Vernadsky CFU's Academic Units



The history of the Academy of Bioresources and Environmental Management has begun in 1922 when the Faculty of Agronomy of Taurida University was made an independent institution of higher agricultural education.

Today, the Academy consists of:

- The Faculty of Agronomy, Horticulture, Landscape Architecture, and Forestry
- The Faculty of Veterinary Medicine
- The Faculty of Land Management and Geodesy
- The Faculty of Mechanization of Agricultural Production and Technologies for Agricultural Products Processing



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In 2015, several **new academic units** have been established within **Vernadsky CFU** through the merger of some of the existing units:

Physics and Technology Institute



Research Library

comprises all academic units' libraries



Institute of Economics and Management



Institute of Foreign Philology of Taurida Academy



As part of the humanitarian education concept development, the departments of history, cultural studies, philosophy, and foreign languages of some of Vernadsky CFU's academic units and branches have also been merged.

Vernadsky CFU's Academic Units



The Institute of Economics and Management has 14 departments offering degree and further education programmes in Economics and Management at the Bachelor's, Master's, and PhD levels.



Vernadsky CFU's Academic Units

The Physics and Technology Institute was established in 2015.

The Institute comprises 7 departments:

- The Department of General Physics
- The Department of Theoretical Physics and Solid State Physics
- The Department of Experimental Physics
- The Department of Radiophysics and Electronics
- The Department of Computer Engineering and Modelling
- The Department of Electric Power Supply and Physics
- The Department of Medical Physics and Informatics



Vernadsky CFU's Branches



The Humanities and Education Science Academy is Vernadsky CFU's branch in Yalta. It includes the following academic units:

- Institute of Philology, History and Arts
- Institute of Education Science, Psychology and Inclusive Education
- Institute of Economics and Management
- College of Economics and Education Science.

Among other degrees, the Academy offers a Bachelor's degree programme in Chinese Language.



Vernadsky CFU's Branches

The Yevpatoria Institute of Social Sciences comprises the following four departments:

- Department of History and Legal Studies
- Department of Primary and Pre-Primary Education
- Department of Social Pedagogics and Psychology
- Department of Philology Courses and Methods of Teaching Philology Courses



Vernadsky CFU's Branches

The Institute of Pedagogical Education and Management in Armiansk

offers degree programmes in the following areas:

- Management
- Pedagogical Education
- Psychological and Pedagogical Education
- Philology



Vernadsky CFU's Branches

Sevastopol Economics and Humanities Institute

offers programmes in the following areas:

- Tourism
- Management
- Psychology
- Physical Education
- Public and Municipal Administration
- Physical Education for Persons with Special Needs (Adaptive Physical Education)
- Legal Studies
- Recreation and Sport and Recreation Tourism





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The University offers

231 programmes, including:

- ✓ 89 Bachelor's degree programmes
- ✓ 72 Master's degree programmes
- ✓ 8 Specialist's degree programmes
- ✓ 30 Training programmes for future academic and teaching staff with top qualifications
- ✓ 32 Clinical Residency programmes

All licensing and state accreditation procedures have been completed

Total Number of Students

33,929, including:

- ✓ 23,908 full-time students
- ✓ 9,794 extra-mural students
- ✓ 227 part-time students





VERNADSKY CFU's FOCUS AREAS

Modernization of the Academic Process Content and Organisation

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Career Guidance

- ✓ 11 Educational Fairs across Crimea
- ✓ 6 Career Guidance Centers established
- ✓ 132 developed and approved additional programmes of preparation for admission exams
- ✓ 10 career guidance projects implemented to attract more applicants with high academic performance
- ✓ Participation in the exhibition titled "Education and Career"

Graduates Employment

- ✓ More than 1,500 work placement agreements concluded
- ✓ Consultations were provided to 2,357 students and graduates
- ✓ Over 700 Crimean and Russian companies were invited to cooperate
- ✓ 15 Vacancies Fairs were held with participation of over 3,000 students
- ✓ 22 Career Days and a series of round tables with employers were organized

13 Affiliated Departments

set up within:

- ✓ Academy of Construction and Architecture – 3
- ✓ Physics and Technology Institute – 2
- ✓ Institute of Economics and Management – 2
- ✓ Institute of Pedagogical Education and Management – 2
- ✓ Academy of Bioresources and Environmental Management – 1
- ✓ Taurida Academy – 1
- ✓ Yevpatoria Institute of Social Sciences – 1
- ✓ Humanities and Education Science Academy – 1





VERNADSKY CFU's FOCUS AREAS

Implementation of Network Master's Degree Programmes

Organisational Structure and Management

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Increasing Attractiveness and Reputational Capital

Implementation of the Vernadsky CFU's Development Programme

- **8 partner universities**

- **8 areas of training:**

- ✓Biology (Human and Animal Physiology)
- ✓Economics (Business Economics)
- ✓Psycho-Pedagogical Education (Practical Psychology of Education)
- ✓Philology (Russian Language)
- ✓Landscape Architecture (Modern Landscape Architecture and Urban Design)
- ✓Law (Civil Law, Family Law: Theory and Practice)
- ✓Culturology (Cultural Practices in the Modern Urban World)
- ✓Plant Products (Fats, Essential Oils, Perfume and Cosmetic Products Technology)



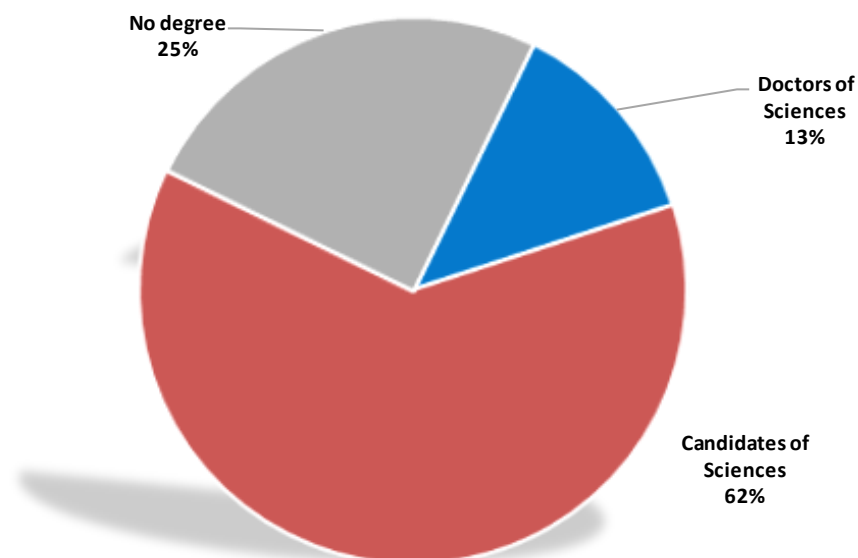


VERNADSKY CFU's FOCUS AREAS

Vernadsky CFU's Personnel

Total number of academic and teaching staff – **2,330**

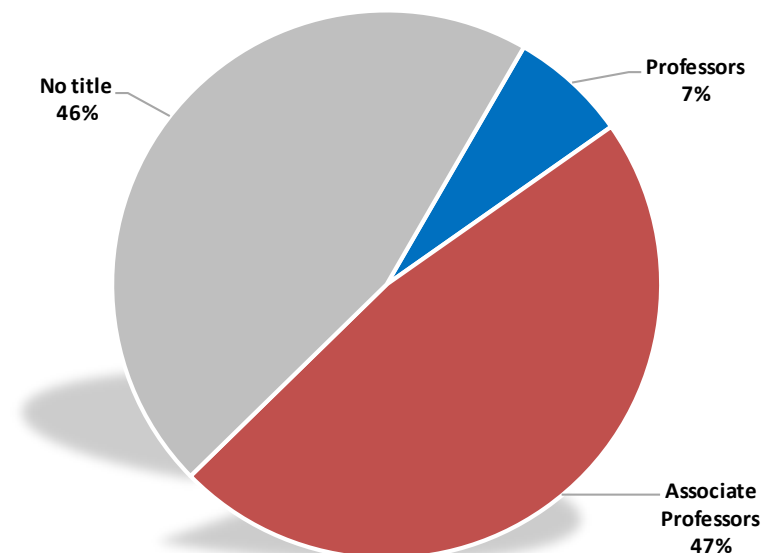
Academic Degrees



Doctors of Sciences - 297

Candidates of Sciences - 1451

Academic Titles



Professors - 161

Associate Professors - 1105

In 2017, **21** staff members of Vernadsky CFU were awarded the title of Associate Professor; **3** staff members successfully defended their doctoral dissertations, **36** staff members defended their Candidate's dissertations.



VERNADSKY CFU's FOCUS AREAS

Research and Science

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Increasing Attractiveness and Reputational Capital

Implementation of the Vernadsky CFU's Development Programme

11 Research and science papers

311 conferences held at Vernadsky CFU:

66 – international conferences

200 – national conferences

45 – regional conferences

The university's staff participated in **2,329** academic conferences, including

960 international conferences

8,131 papers and articles published in Russia and abroad

131 publications in Scopus

78 publications in Web of Science

1,570 publications in RSCI

Student Research and Science Projects

2,014 articles published by students

2,808 articles published in collaboration with research supervisors

5,588 presentations at national and international conferences

72 students were awarded the State Council of Crimea's scholarships

60 students were awarded the Council of Ministers of Crimea's scholarships for excellence in study and research



VERNADSKY CFU's FOCUS AREAS

The University's Computer Network

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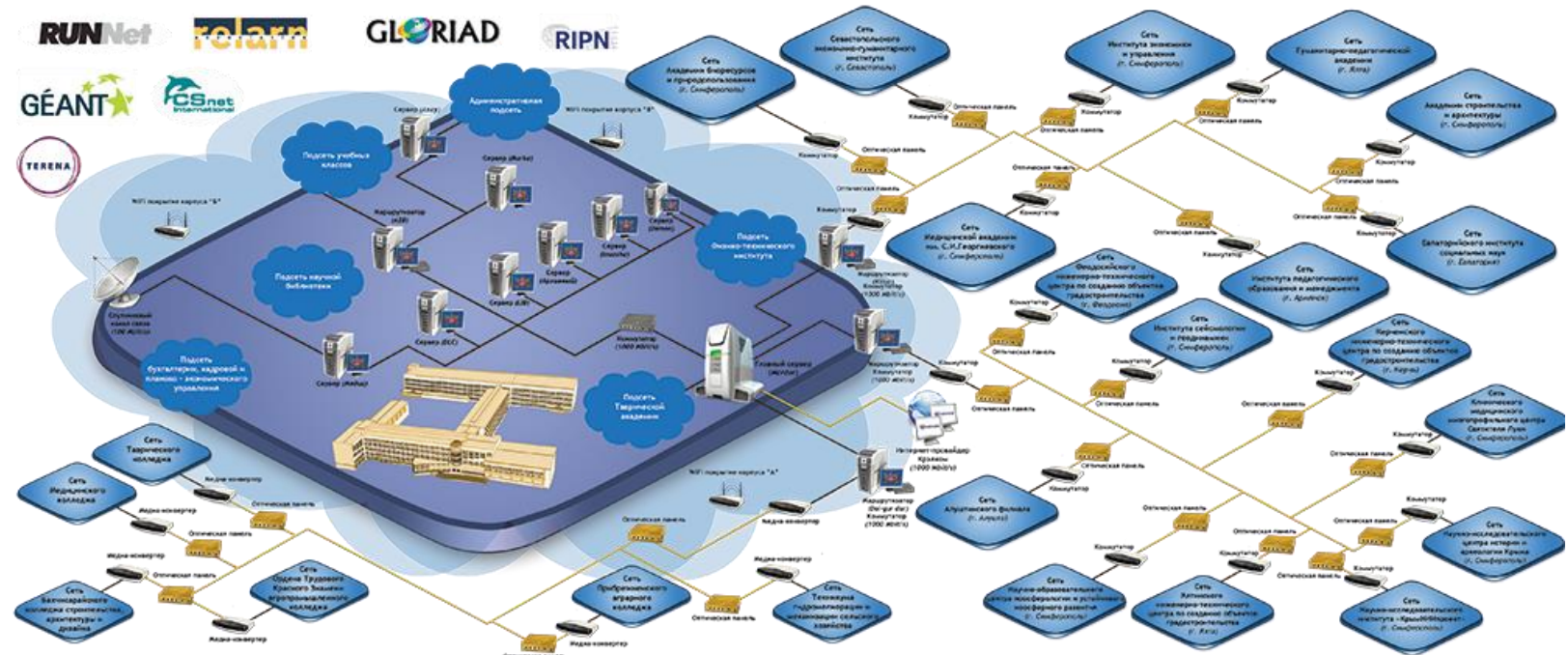
Research, Science and Innovations

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The network's details: 700 km of fiber-optic communication lines and 600 km of copper lines for data transmission which connect 150 University buildings, 70 servers, 500 switches, 50 routers, 100 WiFi access points, 20,000 users, 350 University units. The University is connected to the Internet via a fiber optic wired network. The total data capacity is 10 Gb/s.



VERNADSKY CFU's FOCUS AREAS

Application of web technology and video conferencing in educational, scientific and career guidance events and activities

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Он-лайн консультации преподавателей

Открытые интернет-лекции ведущих ученых и преподавателей



Интернет-встречи, дискуссии, диспуты

Виртуальные практические занятия для студентов



Международные on-line конференции

Он-лайн видео-совещания партнеров международных проектов



Интернет-встречи с зарубежными специалистами и учеными

Видео-мосты с зарубежными образовательными и научными учреждениями



VERNADSKY CFU's FOCUS AREAS

Vernadsky CFU strengthens cooperation with prominent Russian scientists. In accordance with the Resolution of the university's Academic Board, Nobel Prize Winner, Academician of the Russian Academy of Sciences Zhores Alferov and Presidential Advisor, Academician of the Russian Academy of Sciences Sergei Glazyev have been made the University's honorary professors.





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Implementation of the Vernadsky CFU's Development Programme

Major International Activities in 2015/2017

- ✓ 10 cooperation agreements have been signed between the university and international student recruitment agencies from India, Uzbekistan, Jordan, and other countries.
- ✓ A number of international students associations and communities have been set up, including associations of Armenian, Ukrainian, Turkish, Indian, and Nigerian students.
- ✓ The University has signed 27 partnership agreements with universities and educational institutions in many countries, including those on the World's Top 500 Universities list: Founty Institute (Morocco), University of Basel (Switzerland), Sanya University (China), Blue Danube Business School GmbH (Austria), Mahambet Utemisov West Kazakhstan State University (Kazakhstan), Hanoi University (Vietnam), University of Algarve (Portugal), European Public Law Organization (Greece).
- ✓ Vernadsky CFU's staff and students made 149 trips abroad to destinations such as Austria, Abkhazia, Belorussia, Jordan, China, Serbia, Uzbekistan and other countries.
- ✓ More than 350 international events were held at the university.





VERNADSKY CFU's FOCUS AREAS

International Students

Organisational Structure and Management

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Increasing Attractiveness and Reputational Capital

Implementation of the Vernadsky CFU's Development Programme

Vernadsky CFU is ranked **4th** among Russian universities in terms of attracting international students, with about **3,000** international students from over **50** countries, including:

-  Ukraine - 1013
-  India - 819
-  Uzbekistan - 433
-  Nigeria - 85
-  Jordan - 80
-  Palestine - 41
-  Azerbaijan - 24
-  Namibia - 23
-  Turkmenistan - 27
-  Iraq - 56
-  Kazakhstan - 37
-  Turkey - 8
-  Lebanon - 13
-  China - 5
-  Sri Lanka - 4





VERNADSKY CFU's FOCUS AREAS

Youth and Social Policy

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Increasing Attractiveness and Reputational Capital

Implementation of the Vernadsky CFU's Development Programme

13 Youth student organisations that actively participate in self-governance

8 Meetings and seminars with successful Crimean entrepreneurs

5 All-Russia forums and meetings

18 University's public educational events

6,500 Students involved in various physical activities in their free time

4,767 Full-time students participated in research and development projects

285 Events at various levels were organised by Vernadsky CFU which attracted many students and talented youth

146 Sections in different areas of the university's research and science activities

146 Orphan / parentless students were provided with rehabilitation services at the Prometei Recreation Centre in Alushta





VERNADSKY CFU's FOCUS AREAS

Vernadsky CFU's Participation in Network Associations of the Russian Federation

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Russian Union of Rectors

President's Council for Science and Education

Association of Leading Russian Universities

46 leading universities including:

- St.Petersburg State University and Lomonosov Moscow State University
- 10 federal universities
- 29 national research universities
- other major universities of Russia

Consolidation of efforts of leading educational and research institutions to enhance competitiveness and quality of education, research and innovations in Russia

V.I. Vernadsky United University Association

- 10 member universities

Consolidation of research, educational, and innovation capacities of educational institutions and other organisations to facilitate the development of the country and the regions, to provide support for vocational education, to offer training for future academic and teaching staff, to promote participation in Russian and international research and educational projects

Mega-Class Research Installations, National Association

- 17 higher education institutions

The Club of Ten, Network of Federal Universities

- 10 federal universities
- 5 major network projects

Strengthening partnerships between the Russian Federation regions, creating a common educational and intellectual space, supporting ethnic and cultural diversity of various federal districts

Russia Pedagogical Staff, Network Association

- 57 Russian higher education institutions
- Making effective use of the network members' expertise to increase the quality of pedagogical education





VERNADSKY CFU's FOCUS AREAS

Academic Mobility of Vernadsky CFU's Staff and Students

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Increasing Attractiveness and Reputational Capital

Implementation of the Vernadsky CFU's Development Programme

- ✓ 65 trips to 36 partner organisations
- ✓ **4 Academic Mobility Networks established:**

Development of Scientific Research in Experimental Medicine –
11 partner organisations



Academic Mobility of Young Russian Scientists –
27 partner organisations



Technologies and Methods of Formation of Geoportals of Regions' Modern Landscapes –
11 partner organisations

Application-Based Support for University Staff Academic Mobility





VERNADSKY CFU's FOCUS AREAS

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Implementation of the Vernadsky CFU's Development Programme

Geography of Vernadsky CFU's Staff and Students Academic Mobility





VERNADSKY CFU's FOCUS AREAS

The University's priority development areas are being implemented through multidisciplinary educational, scientific and innovation clusters

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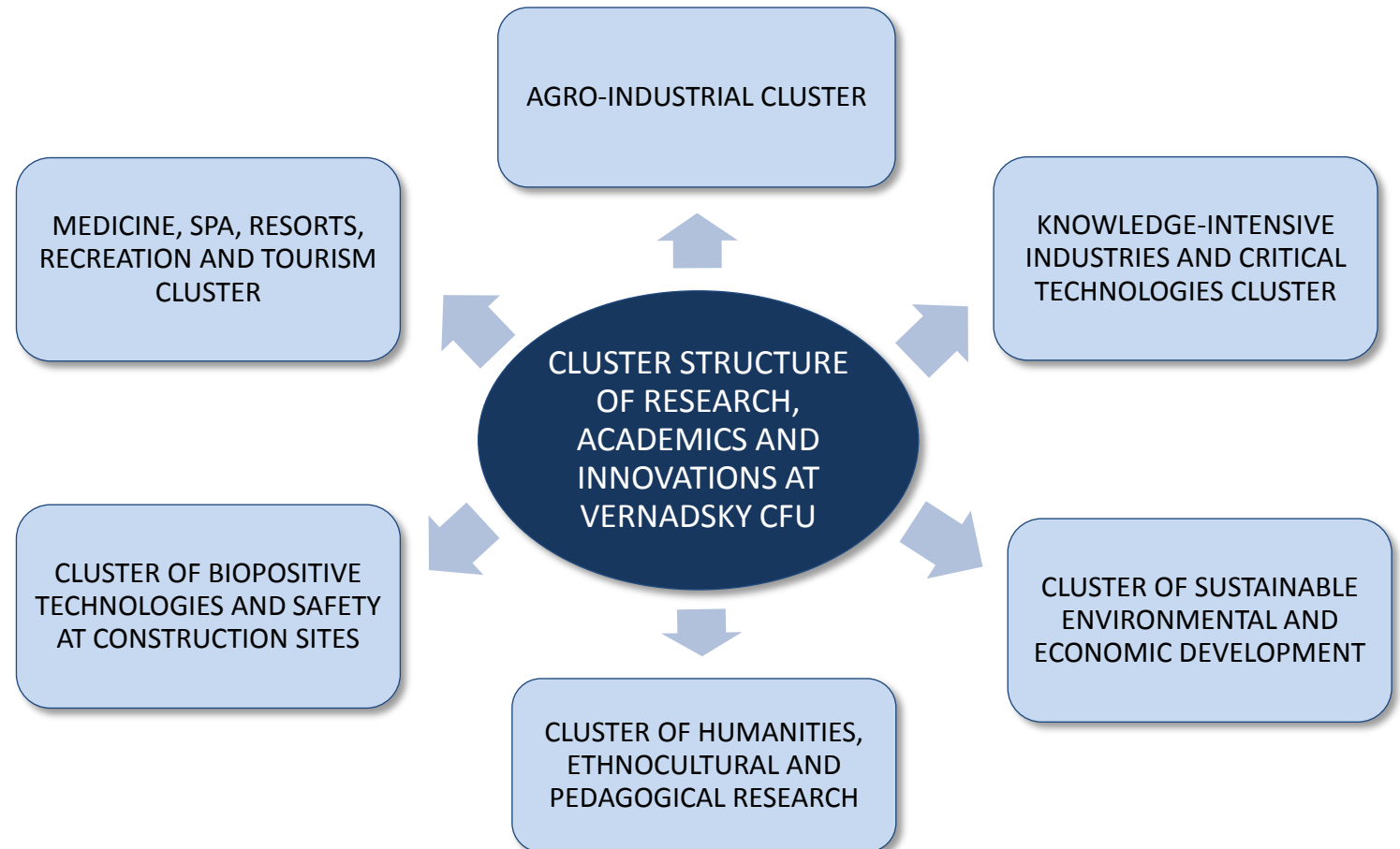
Research, Science and Innovations

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Implementation of the Vernadsky CFU's Development Programme

Within the cluster-oriented approach, preparations for setting up shared-use centers, laboratories, engineering centers are underway. In 2015, **the Center for Experimental Physiology and Biophysics** was established.





VERNADSKY CFU's FOCUS AREAS

Shared-Use Centres at the Physics and Technology Institute

- ✓ Science and Educational Centre of Information Technologies in Health Care, Medical Physics, and Cybernetics
- ✓ Educational and Research Centre of Atomic and Nuclear Physics
- ✓ Laboratory of Meso and Nanostructured Functional Materials

Organisational Structure and Management

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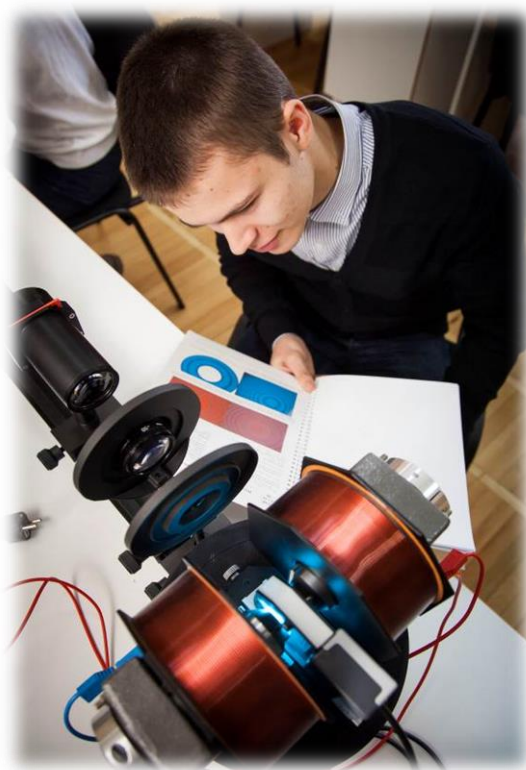
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Within the development of the Agro-Industrial Cluster, the Machines, Tractors and Heavy Trucks Operators Training Center was established at the Academy of Bioresources and Environmental Management.





V.I. Vernadsky Crimean Federal University

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Aquatronik Festo Centre, Research and Educational Centre



Medical Science Centre of Vernadsky CFU, Educational Centre of High Medical Technology and Engineering





Scientific and Social Events



2016

- Meetings of the Presidential Council for Science and Education
- Meeting with Prime Minister Dmitry Medvedev on The University and the Innovative Development of the Region"
- Interdepartmental Working Group on the preparation of Spatial Development Strategy of the Russian Federation
- Meetings of the Association of Leading Universities of the Russian Federation and the Club G10
- International teleconference of young scientists titled: The New Quality of Economic Growth in Regions of the Russian Federation: Economics of Cooperation
- Meetings of the Russian Geographical Society
- Forum of Rectors of Russian and Chinese Universities

2017

- UMNİK, Regional Contest held by Innovation Promotion Fund
- III Science Festival at Vernadsky CFU
- Science of the Future – Science of the Young, International Scientific Forum of Young Scientists





V.I. Vernadsky Crimean Federal University

Vernadsky CFU Participation in the Work of the Republic of Crimea's Governing Bodies



The Economic Council of the Republic of Crimea's State Council Chairman

The Public Council of the Head of the Republic of Crimea

The Republic of Crimea's Development Strategy Programmes





V.I. Vernadsky Crimean Federal University



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