

# SCIENTIFIC SCHOOLS OF SCOLIPE

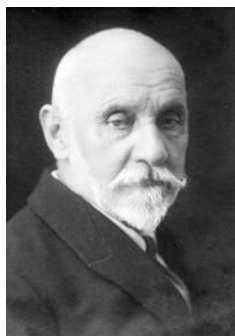
## НАУЧНЫЕ ШКОЛЫ ГЦОЛИФКА

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**Introduction.** Russian State University of Physical Education, Sport, Youth and Tourism (SCOLIPE) is the main foundation in Russia, which has formed the leading scientific schools in the field of mass and elite sport, genetics, anthropology, hygiene, biochemistry and bioenergy, biomechanics, physiology, psychology, sports activities, theory and methodology of physical education, sports training, sports and restorative medicine, improving and adapted physical education, theory and methods of vocational education, sports management, issues of Olympic and Paralympic movements.

### School of scientific and pedagogical control in the field of physical education and sport by V.V. Gorinevsky



**Gorinevsky  
Valentin Vladislavovich  
(1857–1937)**

In 1923, the already venerable scholar Prof. Valentin Vladislavovich Gorinevsky joined the State Central Institute of Physical Education (SCIPE) for the organization and management of the department of scientific control. He is actually the

author of the first manuscript of medical and biological substantiation of physical education and sport. His «Health exercise and sport» was published in 1925.

Professor V.V.Gorinevsky worked in SCIPE until 1937. His work had an enormous influence on the development of scientific research in various fields of physical education and sport.

Followers: Karpman V.L., Laptev A.P., Smolensky A.V.

### School of sport biomechanics by N.A. Bernstein



**Nikolai Bernstein  
(1896–1966)**

One of the most influential scientists of the twentieth century, a corresponding member of the Academy of Medical Sciences, Doctor of Medical Sciences, Professor Nikolai Bernstein laid the foundations of modern biomechanics and human motion control theory. Nikolai worked in

GTSOLIFK disappointingly short period of time (about

a year), but the role and influence of his ideas on sports science is extremely important.

Followers: Donskoy D.D., Zatsiorsky V.M. Godik M.A., Shalmanov A.A.

### National gymnastic school by Stole M.L.



**Stole Michael L.  
(1911–1976)**

PhD, Professor, Department Head of SCOLIPE gymnastics. All of the first undertakings linked in scientific studies in gymnastics was initiated by Stole M.L. His main scientific interest was in the sphere of method of preparation of elite gymnasts. For 20

years, he was leading a comprehensive research group at the USSR national team in gymnastics. Since the late forties M.L.Ukran was de facto a head of the national gymnastic school.

Followers: Gubanov V.A., Smolensk V.M. Gaverdovsky Y.M., Lagutin A.B.

### School of dynamic anatomy and sports morphology by Ivanitsky M.F.



**Ivanitsky Mikhail Fedorovich  
(1895–1969)**

Doctor of Medical Sciences, Honored Scientist, Professor M.F.Ivanitsky was a Department Head of anatomy of GTSOLIFK from 1930 to 1969. He laid the foundations of functional, dynamic and plastic anatomy, which raised teaching and re-

search in these areas to a new level. In 1940 it was

issued the 1st edition of his textbook «Anatomy of a man.» Since then, over a half a century textbooks of Ivanitsky M.F. have been the main source for students of higher educational institutions of physical education. (The 5th edition was published after his death).

Followers: Nikitiuk B.A., Godina E.Z.

### School of physiotherapy, therapeutic and sports massage by Sarkizov-Seraziny I.M.



#### **Sarkizov-Seraziny Ivan Mikhailovich (1887–1964)**

Professor, Doctor of Medical Sciences, Honored Worker of Science, Honorary member of the International Federation of Sports Medicine, Sarkizov-Seraziny is a founder of the school of physiotherapy science, sports massage and sports medicine, cold hardening, health resorts

and physiotherapy, climatology and climatotherapy.

Ivan Mikhailovich was a Department Head of physical therapy, medical monitoring and sports massage in GTSOLIFK from 1928 to 1964.

Followers: Popov S.N., Biryukov A.A., Kozyreva O.V., Rubtsova N.O.

### School of sport psychology by Rudik P.A.



#### **Rudik Peter Antonovich (1893–1983)**

Rudik P.A. – Professor, Doctor of Psychological Sciences, Honored Scientist, a correspondent member of Academy of Pedagogical Sciences. After graduating from Moscow State University in 1919, he was accepted as a teacher of pedagogy and psychology at the newly established Institute of

Physical Education in Moscow. From 1932 to 1978 he organized a Department of Psychology there and became a Department Head. He is also a founder of the branch of psychology – sports psychology.

Followers: Rodionov A.V., Sopov V.F., Nepopalov V.N.

### School of theory of physical education by Novikov A.D.

#### **Novikov Alexander D. (1906–1972)**

Graduated from GTSOLIFK in 1930, Professor, D.Sc. Alexander Dmitrievich Novikov was a Department Head of theory and methodology of physical education in



GTSOLIFK nearly half of his life. It has been established a scientific school which received a worldwide recognition on the basis of this department. The researchers of this school have made a fundamental contribution in the factual basis and the conceptual content of the theory of physical education.

Followers: Matveev L.P., Filin V.P., Suslov F.P., Maksimenko, Vovk S.I., Polievsky S.A.

### School of Athletics by Ozolin N.G.



#### **Ozolin Nicholas G. (1906–2000)**

Professor Ozolin N.G. is an honored master of sport, an honored coach, Doctor of Pedagogical Sciences, Honored Scientist of Russia, a multiple national champion in the pole vault, Department Head of athletics in GTSOLIFK (1936–1953).

He owns a huge role in the formation and development of national sports science in the development of theoretical and methodological issues of sports training of Soviet athletes.

Followers: Matveev E.N., Arakelyan AA?

### School by Gradopolov K.V. Konstantin Gradopolov (1904–1983)



Merited Master of Sports, Honored Coach of the USSR, international referee, Doctor of Pedagogical Sciences, Professor K.V. Gradopolov was a Department Head of boxing in GTSOLIFK from 1936 to 1966.

Konstantin treated boxing as a noble art of self-defence and a fighting game based on high maneuverability and perfect technical and tactical skills Professor K.V. Gradopolov was able to organize and classify boxing techniques and tactics to a full extend. It is believed, according to the experts, that he is a creator of scientific and methodological foundations of a national school of boxing.

Followers: Degtyarev I.P., Kalmykov E.V.