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THE FUNDAMENTAL SCIENTIFIC RESEARCHES BRANCH

“THEORY OF PREVENTIVE MEDICINE” (“TPREVM”)

OF “SEC "SFA CMT" OF "RA(M)S" N. A. ACAD. BURDENKO N.N.” (PART 2)

The developed “The fundamental scientific researches branch
" Theory of preventive medicine " ” (“ T P R E V M ”)
treats to the fundamental scientific researches divisions
of “The scientific-educational centre "System and financial analysis based on
cognitive modeling technology" of "RA(M)S" named after acad. Burdenko N.N.”
 (“SEC "SFA CMT" of "RA(M)S" n. a. acad. Burdenko N.N.” – SEC) as the first SEC
in the structure of “SIO "Academy of cognitive natural sciences”” (“SIO "ACNS””)
as the add. component of the system of science and education of the modern country
for the creation, distribution and use of the main and derivative
scientific results of the cognitive modeling technology (CMT) (www.vetrovan.(spb.)ru)
[see the fundamental scientific researches branches and departments of SEC]:
1) it is executed by the principle of “administrative-economy submission”;
2) works in the several main directions, which allow to provide
the development of the fundamental main and derivative scientific results
(my second report on SRW from 2006-2008(9) y. was submitted
to “SPbSETU "LETI”” and “The Government of RF”
for the translation, carrying out of int. action and receiving of “The Nobel prize”);
3) includes the several various main divisions:
VI. “The fundamental scientific researches department
"Theory of public-health-service, medical labor safety,
medical environment preservation
and medical ecology of person” (“TPMLSMEP and MEP”) (*)
[*the fundamental scientific researches in the area
“Theoretical medical protection of labor”* (*) –
theory of organization and management of the protection of labor,
the conditions of labor, the industrial sphere and the technique of safety,
theory of professional diseases and their prevention,
theory of accidents on the production and their prevention,
theory of labor-capacity and the examination of labor-capacity,
theory of the protection of labor by the categories of workers,
theory of the safety of labor on the industries of high danger
and the cognitive modeling technology
in the theoretical medical protection of labor
(theory of the cognitive model of the subject of training);

the fundamental scientific researches in the area “Theoretical medical protection of the environment and ecology of person” – theory of the methods of studying and protecting of the environment and person, theory of ecological bases of the use of natural resources, theory of international cooperation, theory of the pollution of environment, theory of pollution, theory of pollution and protection of the atmosphere, theory of pollution and protection of the waters of land, seas and oceans, theory of protection of the soils, theory of protection of the subsoils, theory of the ecological bases of life-activity of the person, theory of impact of the anthropogenic changes of environment on the health and social-labor potential of person, theory of the impact of person on the pollution of environment, on the condition of natural ecosystems, populations and organisms of the plant and animal world, theory of protection of the plant and animal world, theory of anthropogenic impact on the landscape, theory of protection and optimization of the landscape, theory of conservation, theory of protected natural territories and water-areas, theory of natural disasters and disasters of anthropogenic origin, theory of ecological safety of the person, theory of rational use and reproduction of natural resources by the person, theory of the protection of environment and natural resources in the certain regions and countries, theory of management of the wastes, theory of low-waste and without-waste technology, theory of protection of the person from the noise, vibration, electric and magnetic fields and radiations and the cognitive modeling technology in the theoretical medical protection of the environment and ecology of person]. VII. “The fundamental scientific researches department “Theory of medical-social expertise, medical-social rehabilitation and medical sociology”” (“TM-SEM-SR and MS”) (*) [*the fundamental scientific researches in the area “Theoretical medical-social expertise”* – one of the kinds of medical expertise, which provides the definition in accordance with the established order the needs of the examined person in the measures of social protection, including rehabilitation, based on the estimation of limitations of life-activity, caused by the persistent disorder of functions of organism, the theoretical bases of medical-social expertise, theory of measures of the social protection, theory of rehabilitation, theory of estimation of the limitations of life-activity of the person, theory of disorders of the functions of organism, theory of establishments of the medical-social expertise, theory of organization and activity of the establishments of medical-social expertise, theory of examination of the citizens with the purpose of establishing of the group of disability and determining of the degree of loss of the professional labor-ability, theory of prevalence and structure of disability, theory of the causes, factors and conditions, affecting on the occurrence, development and outcome of disability, theory of determining of the needs of citizens in the measures of social protection and rehabilitation and the cognitive modeling technology in the theoretical medical-social expertise;

the fundamental scientific researches in the area “Theoretical medical-social rehabilitation” – a set of medical actions, carried out by the state, private and public organizations, directed on the protection of social rights of the citizens of the various categories, the theoretical bases of medical-social rehabilitation, theory of the process of medical-social rehabilitation, theory of the process of interaction of the personality and society, theory of the ways of transferring of the social experience to the individual, theory of the ways of including of the individual in to the system of social relations, theory of the process of personal changes of the person and the cognitive modeling technology in the theoretical medical-social rehabilitation;

the fundamental scientific researches in the area “Theoretical medical sociology” – the branch of sociology, studying the system of care of health, the social terms “disease” and “health”, the behavior of people in the sphere of medicine, the theoretical bases of medical sociology, theory of regularities of the formation of value orientations of the population to the health, diseases, medical care, medicine and the care of health, theory of the structure of modern medical sociology, theory of sociology of medical professions, theory of sociology of the disease and the behavior of patient, theory of sociology of the institutes of medicine and the organization of health-care and the cognitive modeling technology in the theoretical medical sociology].

The fundamental scientific researches branches and departments of SEC allow to develop the main and derivative scientific results of CMT.