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**Viktor ANDRUSHCHENKO**

EDUCATION IN THE CONTEXT OF SPIRITUAL EVOLUTION OF CIVILIZATION .....5

The place and the role of education in the context of evolution of such forms of spiritual and practical learning of the world as science, culture, art, morals, religion, etc. are analyzed. The author states that at all times and for all peoples education was a field for generalization of material and spiritual experience, and therefore – a field for upbringing and education of new generations, a common core that defines the main content of history, provides shaping of thinking (mind) framed by the spirit of humanism and humanity. In different historical periods the interaction of these existences was of different nature, however, the general trend – appeal to the mind as the main and eternal (multiplied by the labor) source of progress of human civilization and the engagement in it (education and upbringing) of the coming generations, remains the law that defines the human face of the civilization. The desire for unity in order to form the spiritual nature (scientific, moral, artistic, etc.) of a man and education of diligence are considered as the main dominants (paradigms) of modernization of the Ukrainian education.

**Keywords:** human, education, culture, labor, civilization, upbringing.

## URGENT PROBLEM

**Nazip KHAMITOV**

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The article analyzes the connection between the problem of overcoming plagiarism and the actualization of scientific novelty. Plagiarism in science is definitely shameful - like any theft. At the same time, the author puts a broader and more significant problem – the main criterion of academic integrity, and, at the same time, academic quality and dignity. And such a criterion can not be the absence of plagiarism, this criterion – the presence of scientific novelty, for which there is science.

**Keywords:** scientific novelty, author, authorship, author's style, academic integrity, academic plagiarism, plagiarism, creativity, meta-anthropology, trivial being of man, ultimate being of man.

## Svetlana DZYUBA

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An extremely important problematic issue of material stimulation of the publication activity of the research work of teachers was raised, connected with the assistance in raising the level of quality of providing educational services in higher education and, as a consequence, with the development of Ukrainian science. It is emphasized that underutilization of the potential intellectual component of the educational process, which is science, as well as insufficient attention to the forms and methods of stimulating research work and the publication activity of teachers of higher educational institutions, contradicts the innovative model of the country's development. Practical proposals for improving the quality of the educational process are formulated through the material encouragement of teachers to use their scientific potential. An approach is proposed to the material assessment of scientific activity and the publication activity of teachers, which consists in the need to address issues of additional stimulation of intellectual labor that will overcome the nihilistic attitude of teachers and students towards science and will contribute to a high level of scientific achievements.

**Keywords:** the publication activity of teachers, introduction of scientific research by teachers, improving the quality of the learning process, indicators of additional material incentives, encouraging teachers to use their scientific potential.

## **EDUCATION PHILOSOPHY OF THE XXI CENTURI: SEARCH FOR PRIORITIES**

**Oleg PUNCHENKO**

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In the article, proceeding from requirements of «The Roman club» to the formation of the paradigm of education of the «new Enlightenment», the noosphere-information paradigm of the formation of the modern civilization is represented as a quantitatively new level of the formation of innovative type of trainees' thinking, that is based on the information resources of society and contributing on the basis of creative methodology and achievements of modern science, the formation of a new level of individual and social intelligence. The concept of «paradigm» is disclosed, its difference from the model in the educational reality. The essence of the concept «matrix» as a method of investigating intrasystem interrelations using matrix modeling is explained.

The essence of «STEM-education» is characterized. In the article are described the matrix components of the new education paradigm: noosphere, innovativeness, informatization, humanization and continuity. The essence of the «knowledge society» as a unique, intelligent and innovative form of social organization is explicated.

**Keywords:** education, paradigm, matrix, noosferization, innovativeness, informatization, humanization, continuity, globalization.

**Anatolii POKHRESNYK**

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The article deals in detail with the reasons for the appearance at the end of 2017 of a special report by the Club of Rome, entitled "Come On! Capitalism, Short-termism, Population and the Destruction of the Planet". The main attention of the author is drawn to the study of the features of Report-17 and comparison with the previous documents of the Club of Rome. The direction of the content was revealed to spread the idea of abandonment of many achievements of the Western states, in particular, reductionism, materialism and secularism. The solution of the problems of humanity is proposed to implement the philosophy of balance, the New Enlightenment and the reorientation of the educational system to form the basis for youth futures literacy. It is indicated on the low realism of these proposals and it is proposed to lay the basis for plans to save humanity, but also non-technology and noon.

**Keywords:** higher education, progress, environmental problems, Club of Rome, report-2017, philosophy of balance, New Enlightenment, futures literacy.

**Oksana KONDUR**

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Examines trends in educational institutions and models of globalizing society in the context of our particular relationship of education and society, man and the state, and processes. Ongoing research and systems analysis of reforms on the level of society in general and education in particular. Examines substantive, structural and functional characteristics in the context of institutional tendencies of social life, as well as forms and possibilities of its methodological application. Consider a model, as embodied in the programs of social

development and learning, which are primarily designed to teach people how to lead an independent and original research themselves, society and knowledge systems. However, it is proved that the models and programs should not be cut off from any individual and the collective system of moral and social values, theoretical and applied training, nor from further use of the acquired values, norms and skills in everyday life, science, or in production, sphere of all social institutions.

**Keywords:** theory of education, management of education, society, democratic education, pedagogy, consciousness, globalization.

## **PERIOD OF CHANGE: EDUCATION PROCESS METHODOLOGY AND METHOD**

**Petro SIKORSKY**

### **NEW APPROACHES TO SIMULATION OF CONTROL AND EVALUATION**

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The article substantiates pedagogical regularities of modeling of various control and evaluation systems, the relationship between educational and evaluation control; Different types of estimation are considered: direct and indirect, a descriptive indirectly-modular-cognitive model of a system of evaluation of mathematics students who are studying on a mathematical profile is presented.

**Keywords:** pedagogical regularity, control and evaluation system, educational process, model, educational parameters.

**Roman OLEKSENKO, Mykola OKSA**

### **INNOVATIVE EXPERIENCE IN DIDACTICS A. S. MAKARENKO ..... 57**

The purpose of the integrated learning in the experience of Makarenko was taken: the formation of a holistic view of the world around the world, a system of knowledge and skills; achievement of high-quality competitive education; creation of optimal conditions for the development of students' thinking in the process of studying study subjects and subjects of the professional theoretical cycle; activating cognitive activity; effective implementation of educational-educational functions of instruction. The emergence of integrated learning as an innovative phenomenon and its introduction into the pedagogical practice of A. S. Makarenko was caused by the urgent need for the formation of an integrative type of thinking of the colonists for their further successful adaptation and competitiveness under the current conditions.

The emergence of integrated learning as an innovative phenomenon and its introduction into the pedagogical practice of A. S. Makarenko was caused by the urgent need for the formation of an integrative type of thinking of the colonists for their further successful adaptation and competitiveness under the current conditions.

**Keywords:** innovation, training, integrated courses, conduct, A. S. Makarenko.

**Lyudmila DUDARENKO**

### **NEW APPROACHES TO FORECASTING THE FUTURE OF EDUCATION**

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The article underlines that analysing the future Western experts consider the right set of options, and we are searching for single ideal solution following the Soviet tradition. The reasons why politicians appeal to only beneficial historical data for them ignoring their objectivity are explained. Limits of accuracy for forecasts in scientific and technological fields are investigated. The concept of «Foresight» is explained; the reasons for becoming wider in application and feasibility appeal to new ICTs are stated. The analysis of the achievements and shortcomings from leading international futurists is done, it is noted on their ignorance in discoveries of recent months; the political and low scientific character in CIA USA forecasts is explained. It is

recommended to plan education and the lives for a period of 15-20 years only on the basis of the most influential scientific discoveries and technological advances.

**Keywords:** future; political forecasts; scientific discoveries; technological forecasts; Foresight; long-term planning.

## **HUMANIZATION OF EDUCATION AND TRAINING**

**Viacheslav OLEKSENKO**

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The results of scientific research on the formation of social feelings for students during educational classes as a component of successful training of specialists in higher educational institutions are revealed. The definition of social feelings is specified. The importance of forming social feelings for students to improve their professional training is substantiated. The conditional distribution of social feelings into three groups is proposed. The practical implementation of formation of each group of social feelings at the studactive classes is outlined. It is found that such classes are a promising, modern and effective opportunity to reduce the contradiction between the requirements of the present society to the specialist and the real level of his/her training at the higher educational institute.

**Keywords:** educational class, social feelings, student, formation.

**Svetlana KRISTANOVICH**

### **MODERN MODEL OF PROFESSIONAL COMPETENCE FOR FUTURE**

### **MANAGERS OF PHYSICAL CULTURE AND SPORTS ..... 77**

The article analyzes and substantiates the process of developing a model for the formation of professional competence of future managers of physical culture and sports. The structure of the model is structured, its constituents are investigated, which actually exist and determine the peculiarities of the professional training of future managers. Modeling as a process that reflects the way of studying objects for a model of future managers of physical culture and sports, which will facilitate the formation of professional activity and the personality of these specialists, is explored. The structural model of formation of professional competence of future managers of physical culture and sports is developed, based on four blocks, which are built in spiral, pyramidal, linear forms and give an idea about its various aspects, namely: methodological, objective-content, procedural and diagnostic-productive.

**Keywords:** model, professional competence, manager, physical culture, sport, modeling, principles, scientific approaches.