Scientific Youth: Priorities of the World Science

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Some of the best materials in various fields of science are presented in the festschrift what are assembled from young scientists.

Young scientists have an opportunity to solve modern problems of world science in modern conditions of modernization of higher education and scientific community in Ukraine, Russia, CIS and abroad.

Every young scientist for its identification in the world scientific space should have their own ORCID, which provides a continuous digital ID and differs from any other researcher, and DOI (digital object identifier) for data communication between scientists.

So, young scientists predicted its scientific future for the next 30 years.

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USING OF THE INDIVIDUALLY-ORIENTED METHODOLOGIES FOR PHYSICAL TRAINING OF THE STUDENTS OF SPECIAL MEDICAL GROUPS
CONSTRUCTING PRINCIPLES PEDAGOGICAL SYSTEM OF FUTURE TEACHER’S OF PHYSICAL CULTURE PROFESSIONAL DEVELOPMENT

**Abstract.** There are three principles of construction of pedagogical system of future teacher's of physical culture professional development. Rationale presented principles of pedagogical system of teacher's of physical culture professional development in terms of informational and educational space allows you to define methodological foundations of the research.

**Keywords:** future teacher of physical culture, principles, pedagogical system, professional development, information and educational space.

**Аннотация.** Предлагается три принципа построения педагогической системы профессионального развития будущего учителя физической культуры. Обоснование представленных принципов педагогической системы профессионального развития будущего учителя физической культуры в условиях информационно-образовательного пространства позволяет определить методические основы исследования.

**Ключевые слова:** будущий учитель физической культуры, принципы педагогической системы, профессиональное развитие, информационно-образовательное пространство.

**Анотация.** Пропонується три принципи побудови педагогічної системи професійного розвитку майбутнього вчителя фізичної культури. Обґрунтування визначених принципів педагогічної системи професійного розвитку майбутнього вчителя фізичної культури в умовах інформаційно-освітнього простору дозволяє визначити методичні засади дослідження.
Introduction

Note that professional activities in the field of physical education is based on certain principles which are specific model of pedagogical of future teacher of physical culture professional development the conditions of information-educational space. During development principles in accordance with our research, we relied on the main system principles developed by V. Panov [4]. We note that various principles in their research have examined such scientists (A. Donets, N. Mikhailova, E. Rachikulina) [1; 2; 3]. In these works, the scientists focused on teaching principles of program-target development of the professional Lyceum; preparing students for the implementation of the principle of continuity in the development of the cognitive abilities of children; development of cognitive activity of students of professional Lyceum on the basis of the principle of learning individualization; target principle of development management of the personnel in the municipal system of physical culture and sports; the development of the intellect of a pupil as a principle of organization synergetic environment in the process of teaching Informatics.

Results and Discussion

Next, we consider only three principles of eight.

1. The principle of forecasting professional development and personality formation in the system of physical education and higher education. The defining moment of the forecasting process of professional development and formation of personality in higher education, is the prediction of the future condition associated with the future teacher's of physical culture professional activity. This principle should be seen in the consistency, completeness, continuity, adequacy and optimality.

2. The principle of correspondence of the personality’s professional development in different types of educational and informational environments. A promising trend of future teacher's of physical culture professional development, according to which it is necessary to develop new software products, is the ability to navigate in the flow of information in different types of educational and training environments. Educational environment provides an opportunity to

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use various methods in the educational process with the using of information technologies, which in turn changes the psychological climate of the students.

3. *The correspondence principle of athletic education modernization the physical education system.* This principle shows the dependence of athletic education from the improvement of the physical education system, which requires the competent construction of the didactic process. In the process of future teacher’s of physical culture professional preparation of the implementation of this principle presumes the formation of professional qualities according to the information society conditions.

**Conclusions**

Rationale presented principles of pedagogical system of teacher’s of physical culture professional development in terms of informational and educational space allows you to define methodological foundations of the research.

**References**


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