



# Innovative teachers: structure and development in the field of physical education

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## Abstract

**Objective of the study** was to formation of competencies for creative innovative activities of future physical education teachers.

**Methods and structure of the study.** The research was conducted using a competence-based approach to enhancing the creative abilities of physical education instructors. The methodology was grounded in the principles of system-based, factorial, and comparative analysis.

**Results and conclusions.** The essential elements of a creative individual are identified: innovative thinking, a focus on excellence, self-improvement, and adaptability. The constituent elements of the creative mindset of future physical education instructors are unveiled: a value-driven approach, a procedural framework, a reflective mindset, and a personal touch. It has been determined that the creative potential of a future professional is rooted in the cultivation of creative abilities and the pursuit of personal growth.

**Keywords:** *physical education, innovative teacher, competencies, creative innovative activity, humanization*

**Introduction.** The problem of training a physical education teacher with competencies in the formation of physical culture of an individual is relevant in the period of reforming the education system, focused on satisfying the hedonistic needs of a person and the introduction of innovative processes into the pedagogical practice of higher education [3]. The transition from a qualification to a competence approach is becoming the main direction of the development of pedagogy in modern higher education. There is a change in the vector of training a teacher to an erudite creative person with a flexible mind, creative abilities and reflexivity of what is happening [4, 7]. In the context of technologization of professional activity, the processes of developing creativity of employees are becoming more relevant [1, 6]. Of particular importance is the problem of training a physical education teacher capable of creative innovative activity based on the ability to integrate the components of pedagogical

activity, possess the skills of rational use of means of pedagogical influence [2, 5].

**Objective of the study** was to formation of competencies for creative innovative activities of future physical education teachers.

**Methods and structure of the study.** The scientific work is based on a competence-structured approach to the development of creative abilities of a physical education teacher. The procedural basis was formed by system-structural, factor and comparative methods of analysis.

To determine the characteristic features of an innovative teacher, a survey was conducted, in which 48 specialists in physical education and sports took part, including seven professors, 24 associate professors, 10 senior teachers and seven teachers of higher education.

In accordance with the shift in emphasis of the educational paradigm in the direction of humanization



and self-development of the individual, the work paid attention to the prospective formation of orientation towards creative innovative activity of future physical education teachers.

**Results of the study and discussion.** The concept of «ability» was considered as an individual's property, determining his/her ability to perform a certain activity. Ability is determined by the level of knowledge, skills, abilities, personal qualities (character traits and temperament, features of the emotional-volitional sphere). Therefore, the focus on creative innovative activity can be defined as an integrative characteristic of the personality of a physical education teacher, ensuring professional success in typical and non-standard pedagogical conditions. In the course of the pedagogical study, the structural components of a creative personality were determined: creative thinking, acmeological orientation, creative self-development, motor variability (see table).

The study established that the creative potential of a future specialist lies in the development of creative abilities and the desire for self-development. The creative competence of a teacher is determined by psychological and pedagogical knowledge, general cultural erudition, professional and pedagogical thinking, special physical skills and abilities. To achieve a high level of creative activity, it is important to introduce theoretical and methodological and information and methodological support for the process of self-education of specialists based on the use of computer technologies into educational practice.

Formation of a focus on creative innovative activity

### *Characteristics of the personality of an innovative teacher*

Characteristic personality traits	Rank indicator (%)
Creativity: -productivity; -originality; -flexibility	24,9 %
Constructive thinking skills	23,0 %
Synergy: - search; - discoveries	20,4 %
Cognition: - mental perception; - processing of external information	16,6 %
Tolerance: - interpersonal; - intercultural; - interethnic; - professional; - managerial; - gender	15,1 %

of a future physical education specialist is a process of quantitative and qualitative transformations of personal characteristics, as well as the development of creative motives that determine the focus of creative innovative activity.

Based on the analysis of the experience of specialists in the field of physical education and sports, the following components of the focus of future physical education teachers on creative innovative activity were determined: value-motivational, content-processual, reflexive, personal (see figure).

The criteria and indicators of diagnostics, comprehensively reflecting the level of development of the selected ability, are determined on the basis of the methodology of creative development of personality and pedagogical creativity in accordance with the content of the structural components of the orientation of future physical education teachers to creative innovative activity.

The integrative nature of the orientation to creative innovative activity is confirmed by the mutual influence of the structural components and their components: interest in the profession, motivational and creative orientation of the personality, cognitive activity, desire for success (value-motivational component); level of knowledge, research competence, general pedagogical and ability for practical innovations (content-procedural component); adequacy of self-assessment (reflexive component); coefficient of creative capabilities (personality component).

In the process of human mental activity during the violation or deficiencies of certain elements in the structure of abilities, a general pattern of compensatory capabilities of human mental activity is revealed. Taking into account this pattern in the creative activity of a physical education teacher, it can be argued that the success of the activity will depend on many indicators. It should be taken into account that there is a relationship between the abilities and the position of the individual, which act as a need to engage in a certain type of activity. The abilities of the individual are revealed in the formation of a stable interest, as a determining factor in achieving high results in professional activity. The manifestation and development of creative abilities are influenced by ideological orientation, conviction, passion, conscious attitude to activity, diligence, and efficiency. The listed components are not only conditions for the development of abilities, but also act as additional stimulating factors for the creative innovative activity of future physical edu-



<i>Value-motivational component</i>	<i>Substantive and procedural component</i>	<i>Reflexive component</i>	<i>Personal component</i>
<ul style="list-style-type: none"> <li>• value attitude to the teaching profession;</li> <li>• motivational and creative activity;</li> <li>• self-development, self-improvement, self-realization;</li> <li>• curiosity, interest, desire for creative achievements</li> </ul>	<ul style="list-style-type: none"> <li>• knowledge, skills, abilities;</li> <li>• proficiency in the methodology of pedagogical creativity;</li> <li>• ability of problem-based learning and scientific search for a problem, search for ways to solve pedagogical situations;               <ul style="list-style-type: none"> <li>• research skills;</li> <li>• various forms of pedagogical activity and professional interaction</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>• self-analysis and self-assessment of one's own activities;</li> <li>• control of the process of construction, implementation of innovations, critical analysis of professional activities</li> </ul>	<ul style="list-style-type: none"> <li>• the presence of professionally significant qualities (love for teachers, scientific and pedagogical worldview, responsibility, communication skills, creativity, empathy, organizational skills, research skills);</li> <li>• creativity as an integrative quality of the human psyche, ensuring the creative activity of the individual</li> </ul>

*Components of the ability of future physical education teachers to creative innovative activity*

cation teachers. The ability for creative innovative activity is a combination of innate, stochastic, acquired creative abilities of the individual. Giftedness, talent and genius, as a manifestation of abilities, are impossible without constant work on oneself. Obviously, the development of abilities provides the necessary focus on creative and effective work of a physical education teacher. The issues considered equally relate to the formation of both the general competence of the teacher and the special training of the physical education teacher.

**Conclusions.** The revealed structure of the ability for creative innovative activity and the criterion levels of its assessment are components of the educational and methodological system for training a creative teacher. The integrative characteristic of the personality of a physical education teacher, ensuring the success of professional activity in typical and non-standard pedagogical conditions, is based on the use of various approaches in organizing and conducting the educational process: axiological, acmeological, ideological, competence-based, selective-variable, heuristic, creative. The integrative implementation of the listed approaches contributes to the formation of the ability for creative innovative activity of a higher school teacher in physical education.

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