

REPORT on the work of the dissertation council

Dissertation Council at the Abai Kazakh National Pedagogical University in the specialties "6D011000 - Physics", "6D060400 - Physics".

The chairman of the dissertation council is Doctor of Physical and Mathematical Sciences, Professor Vladimir Nikolaevich Kosov, approved by the order of the rector of 09.01.2020, No. 03-05 / 302

1. Data on the number of meetings held

In the dissertation council for the period from 01.09.2020 to 31 December 2020, 2 meetings were held.

2. Names of council members who attended less than half of the meetings

The dissertation council consists of 9 people. There were no council members who attended less than half of the meetings.

3. List of doctoral students with an indication of the organization of training

1. Bitibaeva Zhazira Maratovna, Kazakh National Pedagogical University named after Abai

4. Brief analysis of dissertations reviewed by the council during the reporting year

Analysis of the topics of the reviewed works

Bitibaeva Zhazira Maratovna

The topic of the dissertation is "Formation of research skills of future physics teachers in the context of the implementation of a practice-oriented approach to teaching."

Specialty: "6D001100 - Physics".

The dissertation was completed at the Abay Kazakh National Pedagogical University.

The defense language is Russian.

Scientific consultants:

Kozhamkulov Bolatkan Abdisagievich - Academician of the Academy of Natural Sciences, Doctor of Physical and Mathematical Sciences, Professor, Kazakh National Pedagogical University named after Abai, Almaty, Republic of Kazakhstan.

Moldabekova Maira Sametovna - Doctor of Pedagogical Sciences, Professor

Tamuzh Vytaut Petrovich - Doctor of Physical and Mathematical Sciences, Professor, Institute of Polymer Mechanics, University of Latvia, Riga, Latvia.

The defense took place on October 23, 2020.

The following new and reliable results were obtained in the work:

- the need for the formation of research skills of physics teachers as a component of their future professional activities was confirmed, in which an inextricable connection of scientific research, theoretical and practical development of educational information is carried out;

- the essence of practice-oriented learning as a basis for the integration of psychological, pedagogical, theoretical and methodological training of students using information and communication technologies is revealed;

- the criteria for the formation of students' research skills have been clarified and the factors influencing the effectiveness of their formation in the learning process at a pedagogical university have been determined;

- developed and experimentally tested a system of tasks and laboratory work for the formation of research skills of future teachers in the process of studying the physics of the atom, atomic nucleus and solid state and the method of working with them.

The relationship of the topic of dissertations with the directions of science development, which are formed by the Higher Scientific and Technical Commission under the Government of the Republic of Kazakhstan in accordance with paragraph 3 of Article 18 of the Law "On Science" and (or) state programs.

One of the most important conditions for increasing the efficiency of the educational process is the organization of research activities and the development of its most important component of research skills. This helps students to successfully master the educational program

(EP) and develop their scientific and methodological thinking, creating internal motivation for educational and professional activities.

The research activity of the future teacher requires a high level of professional and general culture, versatile training. It is in the course of educational and scientific research, experimental work that such experience is formed. Disciplines related to teaching physics have wide opportunities for the development of research skills, since the very content of the disciplines is of a research nature. For the higher school of the Republic of Kazakhstan, it is important to constantly improve the level of training of specialists with high professional and personal qualities that meet the needs of the labor market. As noted in the State Program for the Development of Education and Science of the Republic of Kazakhstan for 2020-2025, "Urgent measures are needed to further develop the education and science system in accordance with the best domestic and world practices."

Analysis of the level of implementation of the results of dissertations in practice

The materials of this study allow the future physics teacher to successfully master the methods of forming research skills based on a practice-oriented approach to teaching using information technologies. The scientific and methodological recommendations proposed in the research can be used in the system of higher and postgraduate professional education.

5. Analysis of the work of reviewers (with examples of the most low-quality reviews)

The reviewers were approved by scientists who made a significant contribution to research in the field of physics, theory and methods of teaching physics. When selecting reviewers, the principle of independence of scientific consultants and reviewers was observed.

In the reviews of the reviewers, the scientifically grounded theoretical and practical results of the study are noted, the conclusions are sufficiently reasoned and comments and suggestions are given on the work. Basically, the comments concern individual shortcomings that do not affect the general scientific and theoretical content and practical results of the research. There were no negative reviews for the dissertation.

Information on reviewers
on the dissertation - Bitibaeva Zh.M.

1) Mukushev Bazarbek Agzashuly - Doctor of Pedagogical Sciences, Professor of the Kazakh Agrotechnical University named after S. S. Seifulin.

2) Kurmangaliyeva Venera Orazkhanovna - Candidate of Physical and Mathematical Sciences, Acting ass. Professor of the Department of "Theoretical and Nuclear Physics" KazNU named after al-Farabi

6. Proposals for further improvement of the system of training scientific personnel

At the meetings of the dissertation council, the issues of improving the work of dissertation councils were raised. There are the following suggestions for improving the activities of dissertation councils:

- the heads of universities that send dissertations to the defense need to strengthen the responsibility of the graduating departments and scientific consultants for the quality and level of preparation of dissertations recommended for defense.

7. The number of dissertations for the degree of Doctor of Philosophy (PhD), Doctor by profile in the context of specialties (areas of training):

	"6D011000 Physics"	-	"6D060400 - Physics"
Theses accepted for defense (including doctoral students from other universities)	1		0
Theses withdrawn from consideration (including doctoral students from other universities)	0		0
Dissertations for which negative reviews were received from reviewers (including doctoral students from other universities)	0		0

Dissertations with a negative decision based on the results of defense (including doctoral students from other universities)	0	0
Dissertations with a positive decision based on the results of defense (including doctoral students from other universities)	1	0
Total number of defended dissertations	1	0

The chairman of
dissertation council

Scientific Secretary of
dissertation council



РАСТАЙМЫН: Абай атындағы ҚазҰПУ
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ЗАБЕРЯЮ: НАЧАЛЬНИК ОТДЕЛА ПО
Kosov V.N. УПРАВЛЕНИЮ ПЕРСОНАЛОМ
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