

REVIEW

by Doctor of Philosophy in Psychology, Associate Professor of the Department of Psychology and Social Work at West Ukrainian National University Yatyshchuk Anastasiia, of the qualification thesis by Ting He on the topic: "Verbal creativity in the structure of professional creative abilities", submitted for defense to obtain the Doctor of Philosophy degree in specialty 053 Psychology within the field of knowledge 05 Social and Behavioral Sciences.

1. Relevance of the topic

The modern information society imposes new requirements on specialists, among which the key are the ability to adapt quickly to changes, find original solutions, generate innovative ideas, and present them effectively. The dynamics of socio-economic transformations, the expansion of professional communications, the active use of digital technologies, and globalization processes increase the demand for professionals who are not only capable of acquiring knowledge but also of applying it creatively to produce qualitatively new products. In this context, the creative abilities of an individual gain particular importance as a prerequisite for professional success and competitiveness.

Among the various types of creativity, verbal creativity plays a leading role, manifesting in the ability to generate original and imaginative linguistic constructs that enhance both the communicative and intellectual potential of an individual. Language is the primary tool of thinking, communication, and professional realization; therefore, the development of verbal creativity contributes to shaping a flexible, adaptive, and innovative professional capable of effective interaction in a professional environment and generating new ideas.

The relevance of this research is further reinforced by the growing interest in psychology and pedagogy toward creativity as an integral personal quality that combines cognitive, emotional, and motivational components. Studying verbal creativity not only allows for a deeper understanding of the psychological mechanisms of creative activity but also contributes to the development of effective methods for enhancing professional competencies. These, in turn, help overcome monotony in work, maintain professional engagement, and foster intrinsic motivation.

Despite the significant number of studies on creativity in general, its verbal component remains relatively underexplored. The structure, key components such as fluency, flexibility, originality, and abstractness as well as their impact on professional performance across different domains, still require clarification. Additionally, there is a lack of scientifically validated tools for diagnosing and developing verbal creativity, which limits the practical application of research results in psychology and education.

Thus, the dissertation by Ting He is both timely and socially significant. It addresses urgent needs in both science and practice, aiming to determine the place and role of verbal creativity within the structure of professional creative abilities and to develop scientifically grounded approaches for its enhancement. The findings obtained in this research hold substantial value for deepening the theoretical foundations of the

psychology of creativity and for solving applied tasks related to the training of competitive professionals in today's world.

2. The degree of substantiation of scientific provisions, conclusions, and recommendations

The dissertation is distinguished by a high level of scientific accuracy, the application of a comprehensive approach, and the use of modern, widely recognized methods. The scientific provisions, conclusions, and recommendations of the qualification work by Ting He are characterized by a high degree of substantiation and reliability, which is confirmed by the analysis of a significant number of scientific sources, the implementation of empirical research, and the application of both general scientific and specialized research methods.

The work employs a range of methods, including the conceptual foundations of the activity-based approach, theoretical principles regarding the professional activity of specialists and the development of their creative abilities, as well as studies on the structure and patterns of the formation of verbal creativity, critical thinking, creative activity, and meta-creativity of an individual.

The provisions, conclusions, and recommendations logically follow the structure of the work, have solid theoretical justification, and rely on a carefully selected scientific toolkit. The general conclusions of the dissertation are based on a reliable scientific foundation, while the presented results and recommendations are grounded in theoretical principles and are empirically verified for the effectiveness of the proposed methods and approaches.

3. Scientific novelty of the research results

The scientific novelty of the dissertation lies in the comprehensive study of the phenomenon of verbal creativity as a key component of professional creative abilities. The research integrates theoretical analysis and empirical validation, allowing for a comprehensive assessment of the role of verbal creativity in the development of future professionals' professional competence.

The most significant scientific contributions of the work include:

- defining the place of verbal creativity within the structure of professional creative abilities of future specialists, which provides a new perspective on its role in professional development and training;

- identifying psychological predictors of verbal creativity, among which creative activity and verbal intelligence hold particular importance, enabling the prediction of an individual's potential to generate new ideas in professional activities;

- clarifying the interrelationships between the components of creativity (fluency, originality, flexibility, abstraction, elaboration) and professional success, contributing to a deeper understanding of the mechanisms underlying effective professional performance;

- expanding the typology of verbal creativity and improving methods of its development and psychodiagnostics, as well as designing and testing a program for developing verbal creativity that can be applied in the practical work of psychologists, educators, and specialists in other fields.

Thus, the dissertation is marked by clear scientific novelty, combining theoretical foundations with practical recommendations that contribute to the advancement of research in the field of creativity and professional training of specialists.

4. Content of the dissertation and compliance with established requirements

The qualification work demonstrates a clear and coherent structure that includes an abstract, introduction, three chapters, conclusions, a list of references, and appendices. The content of the dissertation fully corresponds to the defined purpose and objectives, characterized by logical consistency, systematic presentation, and a sufficient level of completeness in the exposition.

In the introductory section, the author substantiates the relevance of the chosen topic, defines its place within the framework of contemporary scientific programs and research, formulates the aim and objectives, and describes the scientific novelty and practical significance of the obtained results. Additionally, the section provides information on the author's personal contribution, the approbation of the dissertation's key findings, and an overview of the structure of the work.

The first chapter, "Theoretical foundations of the study of verbal creativity in the system of professional creative abilities", examines the essence of the concept of verbal creativity in psychology, analyzes the content of professional activity and its creative components, and defines the role of verbal creativity in professional development. It is demonstrated that its development positively influences work performance, enhances the quality of professional training, and supports the continuous improvement of a specialist's skills throughout their career.

The second chapter, "Empirical analysis of verbal creativity in the system of a specialist's creative abilities", focuses on the organization of the research, a detailed description of the psychodiagnostic tools employed, and the identification of psychological factors and predictors of verbal creativity in students and practicing professionals. The author analyzes the levels of verbal creativity development depending on professional orientation and specialization, allowing for a comprehensive assessment of how verbal creativity manifests in different groups.

The third chapter, "Program for the development of verbal creativity as a determinant of professional creative abilities of future specialists", substantiates the methodological principles for fostering verbal creativity and presents the author's original development program in the form of a specially designed training. The results of the experimental validation confirm the effectiveness of the proposed program. The key conditions for successful development are identified as the formation of positive motivation for creativity, the activation of exploratory activity, the creation of a supportive environment, the use of examples of creative behavior, and the integration of innovative psycho-pedagogical approaches.

The summarized conclusions clearly reflect the results of the study, correspond to the defined objectives, and demonstrate an appropriate level of scientific rigor. Therefore, the dissertation is structurally complete, methodologically sound, and fully reveals the research problem.

5. Practical significance of the research results

The findings of the qualification work hold significant practical value for educational and psychological practice. The developed techniques and the program for enhancing verbal creativity can be effectively utilized by psychologists in higher education institutions, academic staff, and administrators to create favorable conditions for the development of professional creative abilities among future specialists.

Notably, the author's program for developing verbal creativity has undergone approbation, demonstrated its effectiveness, and can be applied both within the educational process and in the work of practicing psychologists. All instances of practical application and approbation of the dissertation results are verified by official documentation.

The materials of the dissertation can be integrated into the educational process of higher education institutions when teaching psychology-related disciplines, developing educational and methodological complexes, and organizing personal and professional growth training for students. The research results also provide practical value for program coordinators, lecturers, academic group curators, and specialists involved in organizing extracurricular activities.

Thus, the practical outcomes of the research hold substantial potential for implementation in psychological practice and educational activities, contributing to the improvement of the professional training of future specialists, the development of their creative thinking, and the enhancement of their competitiveness in the modern labor market.

6. Completeness of presentation of the main results of the qualification work in published papers

The main findings and propositions of the applicant's dissertation are reflected in six scientific publications. Among them are three articles published in professional Ukrainian journals that comply with the requirements for the publication of dissertation results in the field of specialty 053 Psychology. This indicates the high scientific level of the obtained results, their alignment with current trends in the development of psychological science, and their recognition within the academic community.

In addition, the summarized research results were presented in the proceedings of scientific conferences of various levels, including international and national forums. Such approbation not only allowed for the verification of the reliability and practical significance of the conclusions but also facilitated the receipt of professional feedback and recommendations from fellow scholars.

Thus, the applicant's publication activity confirms the sufficient completeness of the representation of the main research results within the scientific community, as well as adherence to the principles of academic integrity and the established rules for the dissemination of scientific results.

7. Remarks and discussion points

Despite the high scientific value and overall positive assessment of the dissertation, certain aspects of the work require further reflection and may serve as a foundation for prospective scientific exploration:

1. In the first chapter, some theoretical propositions are considered somewhat fragmentarily, without a sufficiently critical analysis of existing approaches by different authors. This provides room for a deeper conceptual understanding of the problem in future studies.

2. The broad age range of the participants in the empirical study (from higher education students to practicing professionals) slightly complicates the accuracy of the interpretation of the obtained results, as the specifics of verbal creativity manifestations may vary depending on the age category. It would have been advisable to place greater emphasis on the particularities of individual age groups.

3. In the second and third chapters, the presentation of empirical findings, particularly in the form of tables and figures, is at times excessively detailed. While this demonstrates the thoroughness of the research, it also somewhat hinders the focus on the key aspects of the problem.

4. There are minor stylistic inaccuracies in the text related to the selection of English equivalents for certain terms and concepts. A more precise harmonization of terminology would contribute to a clearer and more unambiguous understanding of the research results by the international scientific community.

These remarks are of a discussion-based nature and do not diminish the overall scientific and practical significance of the qualification work. On the contrary, they highlight promising avenues for the continued development of research in the area of verbal creativity and its role in professional activities.

8. Compliance with academic integrity

An analysis of the content of the qualification work, the applicant's scientific publications, as well as the results of the dissertation text check for originality using the Turnitin Similarity system, confirms that the research is the result of the applicant's independent scientific work. The dissertation contains no signs of academic plagiarism; all borrowed material from literature sources is properly formatted and correctly cited, which confirms adherence to the principles of academic integrity. Furthermore, the approbation of the research results and the presence of publications in professional journals attest to the applicant's scientific independence and the validity of the conclusions presented.

Conclusion on compliance with the requirements established by the Ministry of Education and Science of Ukraine

The dissertation by Ting He, "Verbal creativity in the structure of professional creative abilities", represents a completed scientific work distinguished by its relevance, novelty, and practical significance. The results obtained have both scientific and applied value for psychological science and practice.

The qualification work complies with the requirements of the Resolution of the Cabinet of Ministers of Ukraine "On approval of the procedure for awarding the degree of Doctor of Philosophy and the repeal of the decision of a one-time specialized academic council of a higher education institution or research institution on awarding the degree of Doctor of Philosophy" dated 12.01.2022 No. 44, as well as with the requirements for dissertation formatting approved by the order of the Ministry of Education and Science of Ukraine dated 12.01.2017 No. 40.

Therefore, it is concluded that the dissertation meets the standards required for qualification scientific works for the award of the degree of Doctor of Philosophy, and its author deserves to be conferred the academic degree of Doctor of Philosophy in the field of knowledge 05 Social and Behavioral Sciences in the specialty 053 Psychology.

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