

ВІДГУК РЕЦЕНЗЕНТА

к.е.н., доцента, доцента кафедри публічного управління та адміністрування
Сумського національного аграрного університету

ХАРЧЕНКО Тетяни Олександрівни

на дисертаційну роботу аспіранта кафедри менеджменту імені Л.І.
Михайлової **Лі Цзунсі (Li Zongxi)** на тему «Research on physical education
management in Chinese colleges and universities» («Управління фізичною освітою
в Китайських коледжах та університетах»), поданої на здобуття ступеня доктора
філософії з галузі знань 07-управління та адміністрування за спеціальністю 073 -
«Менеджмент»

Relevance of the topic of the dissertation.

Education plays a crucial role in ensuring national prosperity and unity. It is also a vital tool for nurturing and developing talented individuals. Physical education is an essential component of the overall educational program. The quality and level of physical education offered in colleges and universities have a direct impact on the caliber of graduates they produce and their ability to survive and thrive. Efficient management is the most effective way to improve the system. It is necessary to modernize physical education management by optimizing the system, team, funds, and teaching focus.

China is an advanced country, but it lacks results in sports education. The youth in China prefer to pursue studies that lead to higher-paying jobs, resulting in less interest in sports-related education. Sports education is not developing well in China due to various factors, such as educational institutions underestimating sports education-related courses, a lack of inspection of sports-related courses, little focus on sports-related education development, and a shortage of sports facilities in institutions. Therefore, developing policies that improve educational performance using modern technology adoption is crucial to the sports management mechanism in Chinese colleges and universities.

The primary objective of the dissertation has been exploring the concept and the methods that could enhance the management mode and perfect the management system of physical education in colleges and universities. This could be achieved by adjusting and improving the concept of physical education management in colleges and universities. The study also aimed to establish the relations between the main elements, such as people, funding, and objects in physical education management in Chinese universities and to improve the evaluation system.

Connection of work with scientific programs, plans, topics. The dissertation research was carried out within the framework of the thematic plan of research works according to topic 0121U108135 "Formation of a management mechanism for innovative development of a higher education institution" within which the author investigated the system of assessment of physical culture and sports management in colleges and universities. Also, the dissertation research corresponds to the thematic plan "Development of management in the conditions of international integration processes" 2019-2023 (0119U001336), within the framework of which the author

investigated the main trends and evaluated the foreign experience of managing physical culture and sports in colleges and universities.

The scientific novelty of the obtained results is as follows:

was developed:

- the theoretical and methodological principles of the analysis of the theory of management of physical education of the college of the new era;
- the methodology for building a system of evaluation indices for physical education management in Chinese colleges and universities;

were improved:

- the basics of research on the organizational structure, mechanisms of the sports industry, and its relationship with the management theory of physical education management in the college of the new era;
- directions for the organizational design of physical education management in Chinese colleges and universities;
- the method of analysis and comparison of physical education management system models in Chinese colleges and universities;

acquired further development:

- the systematic analysis of the evolution of physical education management methods and corresponding systems in Chinese colleges and universities;
- the strategy for identifying key problems of the physical education management system in colleges and universities;
- planning to optimize the development of physical education management in colleges and universities in the post-epidemic period in the context of China's global economic integration into the world society.

The practical significance of the obtained results lies in a set of scientific and reasonable systems and conclusions, improving and promoting the theoretical basis and practical skills for the development of physical education management in Chinese colleges and universities. This dissertation studies the key problems of the main elements of the system of physical education in Chinese colleges and universities; a clear path for the development of the global college sports industry is identified, enabling the industry to better exhibit its unique characteristics. Dissertation research presents the basis approaches for management theory to solve the problems of the development and improvement of the physical education management system in Chinese colleges and universities.

The main results obtained personally by the author. A dissertation is a completed scientific study. Scientific statements, conclusions and recommendations are the result of personal scientific research. Published scientific works are independent developments and reflect the main content of the dissertation. In the introduction, the justification of the research topic is comprehensively analyzed, its connection with scientific programs and topics is reflected, the goal and task of the research, the object,

and the subject are determined, the scientific novelty and practical significance of the results are indicated, the personal contribution of the recipient of the scientific work is determined, the approbation of the results is noted on the topic of the dissertation through participation in conferences and other events.

To address the issues related to physical education management in colleges, it is necessary to combine the research on university sports education and the practical activities of the sports education management department. The goal is to explore the reasons behind sports education management and formulate effective ideas to enhance its management system. This will improve the overall development and efficiency of physical education management in colleges and universities. This study will help to provide theoretical and practical significance to enrich the management methods of physical education activities in the new era.

The object of the dissertation research is the management process of people, money and materials in physical education activities in colleges and universities in China.

The results of the study highlight representative that the university sports education policymakers and related management personnel can fully inherit the principle of developing a theory to guide practice, closely combined with national policies and school practice and enhance the consciousness of the identity, enhance the social sense of responsibility, positive efforts to promote the progress of our country's colleges and universities sports education management, the implementation of the strategy to achieve a variety of management mode, method and, innovation and development.

The specific content of the study is as follows:

Chapter 1 is devoted to the research of the theories and methods of physical education management in colleges and universities. Firstly, this chapter justified that the combination of system science and physical education management in colleges and universities is not accidental, but a necessary trend of scientific development. It not only expands the application scope of system science, but more importantly, it points out a feasible way for the development of sports management theory and practice in colleges and universities. Secondly, sports administrative organizations need to break the previous rigid and rigid management mode, and "streamline administration" and "delegate power" at the same time, so that more people can participate in sports decision-making, break barriers, and realize democracy and the rule of law. Thirdly, is confirmed that driven by the strategy of Healthy China, the "sharing" of university sports venues will become a trend of social development. Research has shown that colleges and universities should utilize their sports facilities and personnel resources strategically, to generate economic income, meet the social demand for sports venues, and promote the development of sports for all. Finally, it describes the management of physical education in colleges and universities should actively adapt to the trend of higher education in the world, use the methods and means of management by objectives and modern management, carry out scientific planning, control and management of physical education in colleges and universities, highlight the characteristics of physical education

in colleges and universities, develop students' bodies and minds in an all-round way, and establish new modern management ideas.

In Chapter 2 is formed the system of evaluation and analysis of physical education management in colleges and universities which are based on previous research by the literature review, theoretical background and methodological approaches (Chapter 1).

Based on the results of the calculations, it is justified that the concept of sustainable management commits to the formulation and implementation of fair policies, creates a sustainable fair competition environment, and establishes a sustainable adjustment mechanism to adapt to the development of the situation, to achieve the goal of overall improvement of management efficiency. The main problems with the system of evaluation and analysis of physical education management in colleges and universities are the absence of the classification of evaluation elements; low assessment of the reliability of the data; high relativity of appraisal value; and low performance in the evaluation of the time limit. Also, increases the complexity of calculations the difference in the regions, systems of management, and the investment of science and technology funds in colleges and universities. All these components outline the importance of evaluating object elements and the form of the system structure as the most important parts of the whole construction.

In addition, is defined that the management of school athletics sports is an important resource for the development of national athletics sports in the future. The cultivation of school athletics sports can help improve the quality of athletics sports talents and provide sustainable resources for the future development of Chinese athletics sports, thus creating new opportunities for the breakthrough of Chinese athletics sports in the future. The study of the outlined components allowed to form effective sports management system which includes: sports management organizations, leadership subordination, management authority division and operation mechanism. It is the organizational guarantee to achieve sports goals restricted by the political and economic system of the country.

Chapter 3 of the dissertation study was devoted to the search for the participation mechanism construction of sports organization governance in China which is based on vertical leadership and horizontal segmentation of society. It defined that the participation mechanism lacks political active tolerance, general recognition of society, and positive response of individuals, which is mainly reflected in the absence of the main body. Also is established the absence of a clear division between the main body and the participation mechanism has no substantive communication. The research of main constituent elements allowed to form the base of the internal driving force for the transformation of sports management into sports governance the traditional sports management mode cannot cope with the increasingly complex sports affairs, and the external pressure comes from the reform trend of international sports organizations and the domestic top-level design direction. Additionally, it's determined the transformation of the Chinese sports system can only rely on national power and government authority to promote the reform of sports governance. Strengthening the capacity building of sports social organizations in China is characterized by forming the network, the

hierarchy, the grassroots, and autonomy to carry out sports social activities that are convenient for the public to participate in, reflecting the livelihood role of sports in promoting people's physical and mental health and social integration.

During a detailed review of the text of the dissertation work, scientific works of the recipient, study of the report on the results of the plagiarism check (Unicheck program), no grounds for doubting the academic integrity and level of scientific training of the recipient were established. The text of the dissertation is consistent with the dissertation's scientific works, which have undergone a double-blind review, which is also a confirmation of the absence of signs of falsification of the research results.

The dissertation work of Li Zongxi on the topic "Research on physical education management in Chinese colleges and universities" is the result of the applicant's independent research and does not contain elements of plagiarism and borrowing according to the resolution of the CMU dated 12.01.2022 No. 44, paragraph 9. The used ideas, results and texts of other authors have a link to the corresponding source.

Number of scientific publications

The main scientific provisions and results of research on the topic of the dissertation were published in 18 scientific works, including: 3 articles in specialized scientific publications of Ukraine, all included in international scientometric databases; 2 articles were published in scientific periodicals of the Organization for Economic Cooperation and Development, which are included in the Scopus scientific-metric database; 1 section of the collective monograph; 12 theses in materials of scientific conferences.

List of publications:

Journals included in Scopus (Web of Science Core Collection) indexed

1. **Li Zongxi**, Slavkova Olena, Gao Yong (2022) Role of digitalization, digital competence, and parental support on performance of sport education in low-income college students. *Frontiers in Psychology*, URL: <https://www.frontiersin.org/articles/10.3389/fpsyg.2022.979318/full> (SCOPUS, WoS). (personally researched by the author role of digitalization, digital competence, parents support impact on the performance of sports education present situation in low income college students and help policy makers develop policies to improve educational performance using technology).

2. **Zongxi Li**, Olena Slavkova, Yong Gao (2022) Evaluation index system of practical abilities of P.E. students at Chinese universities. *Problems and Perspectives in Management*. 20(4). P. 138-152 (SCOPUS). (the author personally developed the method of evaluation index system of practical abilities of P.E. students at Chinese universities).

Articles in scientific journals included in the list of scientific professional journals of Ukraine ranked category "B"

3. **Li Zongxi** (2022). Construction index system of physical education management evaluation in colleges and universities. *Наукові інновації та передові технології*. №6(8). 663-673. (personally researched by the author of Chinese colleges and universities sports education talent training and present situation of the evaluation

index system for China's colleges and universities sports education talent training and professional evaluation provides a theoretical reference).

4. Slavkova Olena Pavlivna, **Li Zongxi** (2022). Construction of urban population layout governance model under sports ecology. *Наукові інновації та передові технології*. № 8(10). 414-427 (personally researched by the author in China the status quo of ecological urban population layout under control and put forward to promote the urban population sports countermeasures for the sustainable development of ecological environment)

5. Slavkova Olena, **Li Zongxi** (2020) Functions of state governance of sport in the conditions of economic globalization. *Вісник Сумського національного аграрного університету*, 4, 30-34. <http://snaujournal.com.ua/index.php/journal/article/view/175> (personally researched by the author under the background of globalization, China sports management and the present situation of the national government regulation, and put forward the government in the sports management function in the scientific advice).

Monograph

6. **Li Zongxi** (2019). Research on the periodical development of China's sports management system .Accounting and analytical and financial and economic aspects of the activity of agricultural enterprises: [collective monograph] / General editorship of O. Slavkova - Sumy: Publishing house: PP Vinnichenko, FOP Litovchenko, 236- 251 (personally researched by the author the present situation of several management modes of college sports in China and the countermeasures and suggestions are put forward for the development of the management mode of college sports in China)

Conference papers

7. Chen, L. **Li, Z.** (2021). Precise governance: To explore the transformation path of promoting the healthy governance mode of adolescent system. *Sport leisure*, 14. <http://www.cqvip.com/QK/60182A/202114/1000003067247.html>(personally researched by the author Chinese teenagers physical health management present situation and put forward to promote the physical health management mode transformation path)

8. **Li Zongxi**, Slavkova Olena, Gao Yong (2021) Research on the Promoting Effect of Chinese Sports Governance System on "Double Cycle" of Sports Industry in the New Era. *The 37th IBIMA Conference*, URL: <https://ibima.org/accepted-paper/the-role-of-the-construction-of-sports-governance-system-in-the-new-era-of-china-on-the-double-cycle-of-sports-industry/> (personally researched by the author "binary" new era of China's sports industry the present situation of the management mode, and put forward China to "inner loop" promote "binary" mode of high quality sports industry development countermeasure)

9. **Li, Zongxi** (2018). Current situation and countermeasures of sports management talents in Chinese colleges and universities. *The International Conference Proceedings Collection in memory of Professor M.G. Mykhailov*. Edited by Oleh Pasko, 373-376. (personally researched by the author of China college sports management personnel training present situation and puts forward some countermeasures for the development of China's college sports talent management)

10. Slavkova O., **Li Zongxi** (2019) Research on the sports management model of Chinese college and universities. *Економічний і соціальний розвиток України в XXI столітті: Національна візія та виклики глобалізації* м.Тернопіль, 9-10 квітня 2019р. Збірник тез доповідей XI Міжнародної науково-практичної конференції молодих вчених. Тернопіль. ТНЕУ, 48-51. (personally researched by the author in China the current situation of sports management pattern in colleges and universities and puts forward some countermeasures for the development of China's college sports management mode)

11. Slavkova Olena, **Li Zongxi** (2021). Research on the organization mechanism of chinese university sports activities. *"Інформаційне суспільство: технологічні, економічні та технічні аспекти становлення"* URL: <https://eu-conf.com/wp-content/uploads/2021/11/IMPLEMENTATION%20OF%20MODERN%20SCIENCE%20IN%20PRACTICE.pdf#page=250> (the author personally researched macro-control of sport by sport powers and coordinated development of diversified sport activities organization mechanism)

12. Slavkova, Olena, **Zongxi Li** (2021). The inspiration of sports management system mode of sports developed countries to Chinese sportsmanagement. *The VII International Science Conference «Science, actual trends and perspectives of development»*, November 01 – 03, Budapest, Hungary, 110-113 URL: <https://eu-conf.com/events/science-actual-trends-and-perspectives-of-development/> (personally researched by the author sports developed countries, sports management system, strategy, management system model and planning index, and according to thenational conditions of sports management system and management mode of reform and development)

13. **Li Zongxi**, Olena Slavkova (2021) Research on the operation mechanism of Chinese university sports industry. *The XI International Science Conference «Implementation of modern science in practice»*, November 29 – December 01, San Francisco, USA, C.249-252. URL: <https://eu-conf.com/wp-content/uploads/2021/11/IMPLEMENTATION%20OF%20MODERN%20SCIENCE%20IN%20PRACTICE.pdf#page=250> (personally researched by the author current situation of sport industry operation mechanism in Chinese universities and countermeasures to improve the operating mechanism of Chinese college sport industry)

14. **Li Zongxi** (2021). Research on sports management system in foreign countries. *Збірник наукових статей молодих учених, аспірантів та студентів Сумського національного аграрного університету*. Суми, 2021. 45-47 URL: https://science.snau.edu.ua/wp-content/uploads/2021/05/2021_%D0%97%D0%91%D0%86%D0%A0%D0%9A%D0%90_%D0%BA%D0%B2%D1%96%D1%82%D0%B5%D0%BD%D1%8C.pdf#page=45, (personally researched by the author the current situation of sportsmanagement and sports management policy abroad and puts forward to change thecurrent situation of sports management implementation of improvement measures)

15. **Zongxi Li** (2021). Research on the development trend and innovation

strategy of sports management in China. *Сучасний менеджмент: тенденції, проблеми та перспективи розвитку. Тези доповідей VII Міжнародної науково-практичної конференції молодих вчених студентів, 14 квітня 2021 року Дніпро.* 299-300. (personally researched by the author after the outbreak time China's sports management trend and China's sports management innovation strategy is put forward)

16. **Zongxi Li**, Olena Slavkova (2021) Research on the current situation and optimization of sports management in Chinese universities under the situation of epidemic normalization. *Шістдесяті економіко-правові дискусії: матеріали міжнародної науковопрактичної інтернет-конференції (м. Львів 27 жовтня 2021р.)*. Львів, 34-38.

<http://elartu.tntu.edu.ua/bitstream/lib/36845/1/%D0%97%D0%B1%D1%96%D1%80%D0%BD%D0%B8%D0%BA%202021.pdf#page=34> (personally researched by the author under the epidemic normalized the status quo of college sports management pattern in China, and for China after the outbreak of colleges and universities sports education management innovation countermeasures are put forward)

17. Slavkova Olena, **Zongxi Li** (2021). Research on the organization mechanism of chinese university sports activities. *"Інформаційне суспільство: технологічні, економічні та технічні аспекти становлення"* (випуск 63), 77-80. URL: <http://www.konferenciaonline.org.ua/ua/article/id-339/>(personally researched by the author in China the status quo of college sports management operation mechanism and put forward the college sports management organization innovation mechanism of Chinese college sports management countermeasures)

18. Olena Slavkova, **Zongxi Li** (2021) Research on the management system of foreign school physical education. *XVIII International Scientific and Practical Conference of Young Scientists "Economic and Social Development of Ukraine in the XXI Century: National Vision and Challenges of Globalization"*, 70-72. (personally researched by the author in colleges and universities sports education abroad and based on the status of the management system of China's national conditions is put forward to promote all-round development of college PE management system in China).

Remarks and wishes for the content.

By characterizing the dissertation work of Li Zongxi as a whole, it should be noted that it certainly has relevance, scientific and practical significance. During the review of the work, some issues of a debatable nature, comments and suggestions arose:

1. In order to improve the methodological base of the research, in section 1.2, more attention should be paid to methodical approaches to state assessment of physical education management in colleges and universities.

2. The relationship between basic elements of the main management modes of sports venues in colleges and universities, which are presented in section 1.3, should be characterize more detailed.

3. In order to improve the analytical base of research, in section 2.2, should be calculated the indicators of financial and material elements of college physical education, because in dissertation is presented only theoretical aspects.

4. The basic types and characteristics of sports management system defined by the author and presented in table 2.12 need a more detailed description in terms of the possibility of implementation in the system of physical education management in colleges and universities of China.

5. The final year of analysis period in tables from 3.1 to 3.6 is 2019. The comparability of researched data with the current tendencies is questionable.

6. Using financial information about sports expenditures dates period 2011-2018 for formation development strategy of physical education management in Chinese colleges and universities isn't clearly define the current trends.

However, the indicated comments and wishes do not fundamentally affect the overall positive assessment of the dissertation work, are not fundamental and do not reduce its rather high overall assessment.

Correspondence of the dissertation to the specialty and profile of the board

The dissertation work of Li Zongxi «Research on physical education management in Chinese colleges and universities», which was submitted for defense to the specialized academic council for obtaining the degree of Doctor of Philosophy in the field of knowledge 07 Management and administration in the specialty 073 Management according to its relevance, scientific and theoretical level, the main results of validity, the main provisions and results published in professional publications, the novelty of the formulation and the practical significance meet the requirements of the order of the Ministry of Education and Science of Ukraine No. 40 of January 12, 2017 "On approval of requirements for the preparation of a dissertation" and the Resolution of the Cabinet of Ministers of Ukraine of January 12, 2022. No. 44 "On the approval of the Procedure for awarding the degree of Doctor of Philosophy and the cancellation of the decision of the one-time specialized academic council of the institution of higher education, scientific institution on awarding the degree of Doctor of Philosophy" with changes introduced in accordance with Resolution of the Cabinet of Ministers No. 341 dated 03.21.2022. The content of the dissertation corresponds to the passport of the specialty.

Рецензент:

доцент кафедри публічного управління
та адміністрування,
к.е.н, доцент

Тетяна ХАРЧЕНКО

