

# On the Strategy for the Performance Evaluation of First-Class Discipline Construction of Local Universities

Fanqin Meng<sup>1</sup>, Huilai Wang<sup>2,\*</sup>

<sup>1</sup>College of Marxism, Guangxi University of Chinese Medicine, Nanning, China

<sup>2</sup>College of Innovation and Entrepreneurship, Guangxi University of Finance and Economics, Nanning, China

## Email address:

mfanqin001@163.com (Fanqin Meng), 499932966@qq.com (Huilai Wang)

\*Corresponding author

## To cite this article:

Fanqin Meng, Huilai Wang. (2023). On the Strategy for the Performance Evaluation of First-Class Discipline Construction of Local Universities. *Higher Education Research*, 8(6), 265-268. <https://doi.org/10.11648/her.20230806.19>

**Received:** December 7, 2023; **Accepted:** December 25, 2023; **Published:** February 1, 2024

---

**Abstract:** The construction of "double first -class" and "application -oriented transformation" is a development strategic choice in the new stage of China's higher education. It is also a favorable opportunity for local universities to develop. In the field of higher education in China, the "double first -class" construction aims to cultivate first -class talents, serve the development needs of the country, and strive to create world -class universities and first -class disciplines. In the context of the "double first -class" construction, the application of application -oriented to the regional economic and social development of local universities is the choice of future development. Local universities are covered by the two policies of "double first-class construction" and "application -oriented transformation". How to improve the level of discipline construction, how to perform performance evaluation, how to stimulate the vitality in the discipline, how to promote the connotation development of the discipline has become the new era. Concern the issue. The research of this project follows the internal logical order of "theoretical prerequisites-methodology selection-system construction-inspection and correction". First, the logical relationship between the core concepts and concepts is defined and analyzed. Secondly Analysis of the relationship between the element and elements of the performance evaluation system, and finally based on the inspection and correction of Delphi analysis. It is expected to provide methodological guidance for local universities first-class discipline construction.

**Keywords:** Performance Evaluation, First-Class Discipline Construction, Local Universities

---

## 1. Introduction

Foreword "Notice on Printing and Distributing the General Plan on Promoting the Overall Plan of World -class universities and first-class discipline construction" issued by the State Council clearly states that it is necessary The core, based on the construction of disciplines, and the motivation of performance as the driving force of leverage and reform and development, to build a general pattern of discipline development [1]. At the National Education Conference on September 10, 2018, General Secretary Xi Jinping delivered an important speech to clearly emphasize "accelerating the construction of first-class universities and first-class disciplines." [2] Building a world -class university and first -class discipline (hereinafter referred to as the "double first -class" construction) [3] is the Party Central Committee and

the State Council in the new historical period. Major strategic decision -making [4]. How to improve the level of discipline construction, how to perform performance evaluation, how to stimulate the vitality of the discipline, and how to promote the connotative development of the discipline have become a problem of concern in the new era.

## 2. Research Status Reviews and Internal Logic Relationship

### 2.1. Research Status Review

In China, the concept of the existing first-class discipline construction evaluation in my country is not only related to the construction project of first-class universities, but also the popularity of first-class discipline rankings published by the

media or research institutions, and is closely related to international evaluation indicators. The performance evaluation system of first-class discipline construction of local colleges and universities. From the perspective of existing literature, the results of the domestic evaluation of first-class discipline construction are mainly reflected in the following aspects: First, the "double first-class" construction must first build and improve the first-class discipline evaluation system, with performance as lever, and fully stimulate the vitality in colleges and universities in colleges and universities. And development vitality [5]; the second is to propose the formulation of first-class discipline evaluation standards, believe that the establishment of discipline evaluation standards should take into account internationalization and localization; the third is to propose a qualitative peer evaluation mechanism The method system included in the first-class discipline evaluation to make up for the lack of quantitative evaluation technology [6]; the fourth is to propose a disciplinary evaluation system that constructs a combination of "physical use" [7]. The research on the performance evaluation system of first-class discipline construction of local universities has not yet formed a Chinese paradigm.

## 2.2. Internal Logic Relationship

In this study, local universities specifically refer to first-class universities directly under the local area, namely universities under the country that belong to the third echelon. At present, my country's first round of "double first-class" construction overall layout has formed a basic system of first-class universities and first-class discipline construction that serves major national strategies. In the context of double first-class construction, Chinese universities can be divided into three levels of three levels of world -class universities, national first-class universities and local first-class universities according to their construction goals. Different goals, the evaluation standards should be different, and should not use a ruler to measure higher -level colleges and universities at different levels. At the level of discipline evaluation, first-class discipline evaluations of world -class universities (or top universities, that is, the first echelon) shall adopt international discipline evaluation standards, and first-class discipline evaluations of national first-class universities (that is, the second echelon university) shall adopt national first-class disciplines. Evaluation standards (such as the framework of the discipline evaluation index system issued by my country), the first-class discipline evaluation of local first-class universities (that is, the third echelon) shall adopt local university first-class discipline evaluation standards, and should not directly adopt national standards or provincial first-class discipline evaluation standards. to measure. Because most provinces have three or two echelon universities, they should not be generalized.

At the level of national policy coverage, local colleges and universities are the areas covering the two policies of "double first-class construction" and "application -oriented transformation". The construction of "double first-class" and

"application -oriented transformation" is a development strategic choice in the new stage of national higher education, and it is also a favorable opportunity for local universities to develop. In November 2015, the "Guiding Opinions on Guidance on the Transition of Applied Transitions to Applied Transitions" by the Ministry of Education, the National Development and Reform Commission, and the Ministry of Finance clearly stated: "Come on the development of local economic and social development" and transfer to cultivating application -oriented talents, we must "comprehensively improve the ability of regional economic and social development and innovation -driven development of colleges and universities." At present, the construction of first-class disciplines in local colleges and universities in my country still uses a construction research university first-class discipline evaluation standard to evaluate it, which has led to the weakening of talent training and social service functions in first-class disciplines in local universities, and the demand for regional economic and social development (or industrial transformation and upgrading). As a result, first-class discipline construction of local colleges and universities fall into the unidirectional development dilemma of scientific research and output games, such as leaders cannot fully meet the disadvantages of disciplinary development needs, lack of display of iconic results, and further face the society that loses the development of first-class disciplines itself. The danger of functional legalization. The study of this topic is a strategic choice and management exploration of the performance evaluation and management decision -making of local universities in the context of the "double first-class" construction and "application -oriented transformation" policy.

## 3. Research Value and Significance

This study has important theoretical value, practical value, and social significance.

- (1).Academic value: The study of this subject can form a theoretical basis for the establishment of a performance evaluation system for first-class discipline construction of local universities with Chinese characteristics. The performance evaluation of discipline construction is related to the realization of university governance, reputation, status, and even strategic goals, as well as decision -making management of sustainable development. The university discipline has the dual attributes of academic and organizational nature. It is both a subject based on the knowledge system and the discipline based on specific institutional institutions. American scholar Burton R. Clark has long revealed that the discipline has knowledge and organization [8]. The dual forms of the subject's own knowledge and organization are unified with the form of "as a knowledge system" and "as a knowledge -labor organization", which also gives the disciplinary performance evaluation diversified value

characteristics.

- (2). Application value: The study of this topic can provide methodology guidance for different levels of local universities in different levels of local universities under the new situation, and promote the application of local universities in the context of the "double first-class" construction. The key to disciplinary performance evaluation must not only construct a performance evaluation system, but also solve the problem of adaptation of local college talent training and regional economic and social development (or industrial transformation and upgrading), lay the legitimate position of discipline development, avoid professional talents in first-class disciplines of local colleges and universities Cultivate the disadvantages of weakening and social service functions, demand for regional economic and social development (or industrial transformation and upgrading), and falling into the dilemma of unidirectional development of scientific research output. The research of this subject is guided by decision-making, focusing on the purpose of discipline evaluation and construction, and the appropriateness of subject construction and talent training goals.
- (3). Social significance: The research of this subject is of constructive significance in achieving the strategy of education and the strategy of educational power and promoting regional economic development. In February 2020, the Ministry of Education and the Ministry of Science and Technology studied and formulated the "Several Opinions on the use of correct evaluation orientations on the use of the relevant indicators of SCI papers in higher education universities" [9]. The evaluation focuses on the actual contribution to solving key technical problems in production practice, as well as the actual effects of new technologies, new products, and new processes to achieve industrialized applications, and do not use papers as a basis for single evaluation. "How to evaluate the "actual contribution" and "actual effects" in "Several Opinions"? What are the evaluation indicators? In the context of the "double first-class" construction and "application-oriented transformation", research on the performance evaluation of first-class discipline construction of local universities can enhance the functions of local universities to serve society and promote the sustainable development of the regional economy.

## 4. Research Strategy Design

This subject is committed to building a performance evaluation system for the construction of local colleges and universities. The main goals of this project: Through research, the following main goals are achieved: 1) define the connotation and characteristics of first-class discipline construction in Chinese local universities in the new era; 2)

Construction methodology model and performance evaluation system; 3) test and correct the performance evaluation system.

### 4.1. Research on the Connotation and Features of First-Class Discipline Connotation and Features of Chinese Universities in China

Define the connotation and essential characteristics of the construction of first-class disciplines in local colleges and universities, and provide the theoretical foundation and internal logic framework for performance evaluation. Local universities are universities with dual coverage of "application-oriented steering" and "double first-class" construction policies. For local colleges and universities, creating a application-oriented discipline chain can be regarded as a symbol of formation of disciplines of local colleges and universities; serving "supporting industrial transformation and upgrading and regional development" is the legitimacy foundation for the development of local colleges and universities. Then solve the internal consistency and external legality of the discipline construction of local colleges and universities. This logical positioning is the logical starting point of this subject.

### 4.2. Research on the Construction of Method Models and Performance Evaluation System

This study intends to select the CIPP evaluation model to model the performance evaluation system for first-class discipline construction of local universities. The CIPP evaluation mode originates in the United States and was first proposed by American scholar Stufflebeam in 1967 [10, 11]. The CIPP evaluation mode integrates diagnostic evaluation, formation evaluation, and endogenous evaluation in the "Trinity", which can be described as a systematic evaluation mode. In view of the complexity of the complexity, systemicity, and disciplinary level of discipline construction itself, the evaluation of discipline construction should also reflect the entire process of the overall function of the subject, including input, process, output, and feedback. With corresponding evaluation equilibrium. Therefore, when constructing an evaluation index system, it is necessary to comprehensively measure a multi-angle from the input-process-output-feedback end, which reflects the comprehensive level of discipline construction. Therefore, this project is based on CIPP for research on the construction of first-class discipline construction of local universities. It is appropriate and feasible.

Building the performance evaluation system model of first-class discipline construction performance evaluation system models with Chinese characteristics based on the CIPP evaluation model, providing methodological spatial models for the construction of performance evaluation system for first-class discipline construction of local universities. Based on the above mentioned methodological spatial model, combined with the characteristics of my country's education and the characteristics of first-class

discipline construction in local universities, the performance evaluation system for first-class discipline construction of local colleges and universities was constructed.

#### 4.3. Inspection and Correction of the Performance Evaluation System Based on Delphi Technique Analysis Method

Delphi technique [12], also known as an expert investigation law. In 1946, it was founded by Rand Corporation in the United States. It is essentially a feedback anonymous letter. Organize, summarize, statistics, and then anonymous feedback to various experts, solicit opinions again, concentrate, and feedback until they get unanimous opinions. It is intended to adopt the Delphi technique analysis method to invite experts in the field to form a group to consult, verify and correct the dimensions of the dimensional evaluation system dimension, constituent elements, and logical relationships between elements.

## 5. Conclusion

In the new era, the construction of "double first -class" faces a new situation and new tasks [13]. The research of world -class discipline evaluation theory and practice is the current research hotspot in the field of higher education in China. [14] Research is a theoretical research topic. The research idea follows the "theoretical premise-methodology selection-system construction-inspection and correction" inner logic order. First of all, define and analyze the logical relationship between core concepts and concepts Methods Construction of the performance evaluation system model, and finally analyzed the relationship between the composition and factor of the performance evaluation system. How to build a performance evaluation method model suitable for the construction of first-class discipline construction in my country in combination with the actual education of my country's education and local colleges and universities is a key issue of the research on this subject. The difficulty of this study lies in the inspection and correction of the performance evaluation system based on Delphi analysis. Disciplinary development should pay attention to long -term avoidance, cultivate subject groups, and form a good subject development ecology [15].

## Acknowledgments

This work is funded by the *Introduced Doctoral Research Launch Funds Project of Guangxi University of Traditional Chinese Medicine* with the project number 2022BS003; Major projects of the key research base of Humanities and Social Sciences for Guangxi Universities with the project number JDZD202227.

## Conflicts of Interest

The authors declare no conflict of interest.

## References

- [1] The State Council. (2015). "Notice on Printing and Distributing the Overall Plan for Promoting the Overall Plan of World -class universities and first -class disciplines". [https://www.gov.cn/zhengce/content/2015-11/05/content\\_10269.htm](https://www.gov.cn/zhengce/content/2015-11/05/content_10269.htm).
- [2] Wu Jianxin. The growth of the world's first -class discipline [M]. Beijing: Science Press, 2022: 19.
- [3] Several opinions of the National Development and Reform Commission of the Ministry of Education's National Development and Reform of the Ministry of Education on the construction of world-class universities and first-class disciplines. [https://www.gov.cn/zhengce/zhengceku/2022-02/14/Content\\_5673489.htm](https://www.gov.cn/zhengce/zhengceku/2022-02/14/Content_5673489.htm)
- [4] Wu Jianxin. (2022). The growth of the world's first -class discipline. Beijing: Science Press, 19.
- [5] Zhang Weiyong, Meng Hao. (2017). Research on the quality evaluation method of world-class discipline based on ESI. Knowledge Management Forum, 2 (06): 483-491.
- [6] Wang Jianhua. (2012). Theoretical discussion of first-class discipline evaluation. University Education Science, (03): 64-72.
- [7] Zheng Li. (2016). The disciplinary evaluation system combined with "physical use". China Higher Education Research, (05): 25-27+67.
- [8] Burton R. Clark. (1983). The Higher Education System: Academic Organization in Cross-National Perspective. CA: University of California Press.
- [9] The Ministry of Education and the Ministry of Science and Technology. (2020). "Several Opinions on the use of the relevant indicators of SCI thesis of SCI thesis of higher schools". <https://sousuo.www.gov.cn/sousuo/search.shtml>
- [10] Stufflebeam, Daniel L. (1969). "Evaluation as Enlightenment for Decision Making." In Walcott, A. Beaty (ed.) Improving Educational Assessment and an Inventory of Measures of Affective Behavior. Washington, D.C.: Assoc. for Supervision and Curriculum Development.
- [11] Stufflebeam, Daniel L. (1971). "The Relevance of the CIPP Evaluation Model for Educational Accountability." Journal of Research and Development in Education.
- [12] Xu Aiting. (2006). Application and difficulties of Delphi method. China Statistics, (9): 57-59.
- [13] Wang Zhanjun and others. (2021). World University and Discipline Evaluation System and Promotion Strategy [M]. Beijing: Economic Science Press, 10.
- [14] Li Yan. (2021). Research on the innovation mechanism of world -class discipline construction. Nanjing: Nanjing University Press, 3.
- [15] Tian Jianguo. (2017). "Double first -class" university construction 11 lectures. Dongying: China University of Petroleum Press, 56.