A New Mode of Talent Cultivating Based on International Cooperative Platforms

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\textbf{Abstract.} China’s higher education has experienced a rapid development after the reform and opening up, especially in the past ”985” project, ”211” project, and now it is in the high level of first-class university and the discipline construction, driven by the development of higher education into a powerful spring. In order to promote the discipline on top, all kinds of universities are scrambling to implement various development strategy, talent strategy, subject development planning, science and technology cooperation plan, and international strategy, etc., one of the most obvious is a variety of international cooperation platform construction, such as a large international research collaboration platform construction have mushroomed, union college established heyday, China-foreign cooperatively-run universities are established, a large number of Confucius institutes fulfill synergistic quality. The platforms provide good conditions for innovative talent cultivation. This paper is going to find the mechanism of the new mode of talent cultivating based on the international cooperative platforms.

\textbf{Introduction}

The China’s world first-class university and the first-class discipline construction as a whole propulsion overall plan ”(hereinafter referred to as the” Plan”) was formally issued by the state council on November 5, 2015. The ”Plan” put forward ”Constructing the world top university ” and in the lead of the first-class university requirements, put forward to promote first-class university and the first-class discipline construction, which will be separated into three steps: the first step in 2020, a number of universities and a number of disciplines into a world class, and several disciplines in the lead of the world first-class disciplines; Step 2 to 2030, more and more universities enter into a world class universities and disciplines, a number of first-class universities in the world, a group in the lead of the world first-class disciplines (double top universities), and the higher education overall strength will be significantly increased; The third step, to the middle of this century, the number of first-class universities and first-class disciplines and the strength will enter the world’s highest level universities, and will accomplish the basic completion of higher education power in the world.

China’s higher education has experienced a rapid development after the reform and opening up, especially in the past ”985” project, ”211” project, and now it is in the high level of first-class university and the discipline construction, driven by the development of higher education into a powerful spring. In order to promote the discipline on top, all
kinds of universities and colleges are scrambling to implement various development strategy, talent strategy, subject development planning, science and technology cooperation plan, international strategy, etc., one of the most obvious is a variety of international cooperation platform construction, such as a large international research collaboration platform construction have mushroomed, cooperative colleges established heyday, China-foreign cooperatively-run universities/colleges are established, a large number of Confucius institute fulfill synergistic quality [1, 2, 3, 4]. The international cooperative platforms provide good conditions for innovative talent cultivation.

University itself, however, especially high-level university owned very limited human resources, and there are many contradictions, some universities also have a number of strong subjects of large international cooperation platform, and moderate or weak disciplines of international cooperation in less or no phenomenon abound; Some large rolled out on the international cooperative college construction, but the effect are not so satisfied. Some universities have China-foreign cooperatively-run university/colleges which affect the quality of the universities’ normal personnel training; For some universities which have huge number of Confucius institutes, the candidate Confucius Institute Director is often something of bringing big “troubles” for the university, Such as Xiamen University and Beijing Foreign Studies University, every year, they need to send a large number of Chinese teachers and volunteers teachers, and the Confucius Institute Directors’ selection are also very difficult jobs, and it needs year by year; Another example, such as material science of South China University of Technology ranked top five nationally, it also has the Research Institute of Soft Materials, the International School of Advanced Materials, and the International Joint Experimental Lab by Ministry of Education. These, to a certain extent, vigorously strengthen the discipline construction and development. However, at the same time also brought some contradictions, such as the lack of human resources, project and resource allocation [5, 6].

Based on these, under the limited resources, and how to play international cooperation platform and the correlation of subject construction is a key problem. And this paper will attempt to break through here, to solve these problems, to not only give full play to the advantages of good platforms, but also to avoid some repeat constructions, and to make the top design and general subject development. This research will be on the above problem and based on the analysis of the related literature, the statistics and analysis of the existing each kind of international cooperation platforms, clarify the international cooperation platforms construction and the correlation relationship of subject construction, and resources in order to achieve optimal distribution, talent optimal distribution, subject. The purpose of optimal distribution at the same time, reach the focus of the academic development and goal of making through the optimization of the efficiency indexes [7, 8].

**Demands of the International Cooperation Platforms for New Innovation Talents**

For all the recognized world-class universities, there are two common characteristics: One is to have the world first-class level, a professor at the team; The second is a set of support of professor team fosters the talent, cutting-edge scientific research system and policy (so-called soft environment). As a result, these universities can be sustained, and stable property gives birth to a number of world-class scientific discovery and technological inventions, continuously develop world class students and young talents. These two points are in the process of building the world-class university in our country,
and it must be the pursuit of the goal, such as Tsinghua University or Peking University. Although there are outstanding undergraduates and have made some breakthrough in some disciplines and achieve the world's leading, but they are not recognized as a world-class university which means that its root cause is that there is no powerful world first-class level, nor professors of a team, and support the system and policy of world-class professors team is yet to be perfect in our country. The development situation of foreign universities and the aims of building a world-class university in our country bring pressures and challenges. And the International cooperation platforms create good soft environment for talents cultivation and provide the necessary conditions of agglomeration and the environment. Therefore, comparatively to the foreign education institutions, we put forward the new requirements for International Cooperation Platforms.

Mode Innovation
The so-called mode innovation is the application of new management mode, operation mode, and the international cooperation platform with international management, to guarantee the platform on the management and operation flexibility.

Content Innovation
All the platforms need a large number of introducing foreign talents cultivation of fulfilling good content and adapting to the practice of the time, to bring a lot of innovation in the platform, and combine the innovation cooperation platform development, and the leapfrog development.

Team Innovation
The platforms also need to introduce a large number of foreign excellent scholars and professors, to continuously strengthen the introduction of foreign teams and global intelligence work, and to make the introduction of team leading domestic team, and also the fusion of the internal and overseas team as the key point of team innovation, integrate with the international counterparts, which aims to build a international faculty team.

Environmental Innovation
To integrate with the overseas, the concrete content and the outstanding teaching staff, the platform also need to further the soft environment construction to new heights, and to create a good environment for the development of the platforms, especially humanistic environment, and to make the platform to retain.

The Prominent Characteristics of International Cooperation Platform
To build the double top universities, all the institutes have to create a large number of international cooperation platforms. For the double first-class construction, both the country and the provinces are going to invest, and the construction of the evaluation will depend on the subject to inspection. So this evaluation has been imminent, which have a profound effect on the future years of construction for the various colleges and universities. And this round of evaluation, the country will be on all the data before the end of December 2015 for all the colleges and universities who are going to be evaluated.

Through the cooperation platforms construction, universities have made great progress not only on the innovation talent training, but also on teacher team construction, and scientific research level, and to expand the influence of the Chinese
colleges and universities in the world, and for the first-class construction provides a good foundation and conditions; and to enhance the university's own innovation ability to drive. The platform has the following categories.

**The International Research Collaboration Platform**

In terms of international research collaboration platform, Tsinghua University, Harbin Institute of Technology, turned over to the big successful in university, such as the International Research Collaboration Platforms tend to have the international top talent aggregation effect, such as the famous scholar Yi-gong Shi said, "In view of the present situation of our university and scientific research, in a period of time in the future, our country should focus on the introduction of a number of leading in the field of study leading to the world famous university professor and academic level of the world's leading one of the most outstanding young postdoctoral and assistant professor level, and make its full-time work back home, let them in the domestic first-class university full play to the talent training and scientific research of leading role".

**The International Collaborative College Construction**

In terms of international cooperative college construction, Fudan University, Tongji University, Sun Yat-Sen University in China take the lead to set up a batch of such colleges, while the college also gathered a lot of home and foreign experts.

**China-foreign Cooperatively-Run Schools**

In terms of China-foreign Cooperatively-Run Schools, the Shanghai-New York University, Ningbo-Nottingham University, Xian Jiaotong Liverpool University, Kunshan Duke University, Wenzhou Kean University, and Beijing Normal University-Hong Kong Baptist University united International College successively established in China, such as independent legal entity just Shanghai Jiaotong Michigan joint Institute of almost 60 are not independent legal personality of a China-foreign cooperatively-run colleges for the reform and development.

**The Confucius Institutes Construction**

In terms of the Confucius Institute construction and development, most of their constructions have entered a stage of synergistic quality, the number of Confucius Institute will remain stable, while the enhancement of the connotation of its development will be the main melody in the future for a period of time. In numbers, Xiamen University and Beijing Foreign Studies University have 16 Confucius Institutes for each of them, which are the largest numbers of universities in the Confucius Institute. As an International Cooperation Platform, it must meet the following characteristics.

**Innovation-Driven Mechanism**

Innovation-driven strategy as the core of innovation mechanism, to break all the systems and mechanisms of the issues hampering the innovation, platform development has a good operation ability and itself.

**In the Form of Flexible and Varied**

On the management and system of choose and employment, it have to take various forms, and to break through our existing system, which is not necessarily the same model as the former. Only in such case, can the platform live up to make all kinds of resources efficiently, especially the use of human resources abroad.
Talent Cultivating Being the Power
Innovative talents cultivation is the main task and the driving force of the international cooperation platforms and it is the core of the platform and important characteristics, and these determine the success or failure of innovation platform to a certain extent.

Humanistic Care Being the Foundation
The main executors of innovation platforms are the foreign excellent scholars and the excellent Chinese students studying abroad. To play their initiative, the platforms will have to give more humanistic care, to arouse their enthusiasm and dedication of working attitude.

Flat Management Promoting Efficiency
Due to requirement of international cooperation platform, the new cooperation mechanism and the management level is simpler and flat management model, in which there is no complex management structure, which can improve the efficiency.

New Ways to Cultivate Innovative Talents
As a new platform for the international cooperation, it must be on innovative talent training, which has important historical mission and reality beyond the task. So, in combination with innovative talent training platform for international cooperation on the basis of the characteristics of the new requirements and platform itself, we must link the international cooperation platform construction and discipline construction together, and complete the university to the international top-level construction. The optimized resource configuration, system and mechanism innovation for colleges and universities provide a possible thinking. Through the analysis of the characteristics of international cooperation platforms, we could found the problem of relevant systems and mechanisms, put forward the following possible new ways of innovation talents training.

The Bachelor-Master-Ph.D. Training System Based on the Platform
Compared with the general Bachelor-Master-Ph.D. Training, the training systems on the basis of the platforms are mainly for the students in these types, and each stage provides a comprehensive platform for the study, and put the study and research course closely together, and add good training systems, continuous practices, provide high quality platforms for innovative talents training for the people through these types.

New Pattern of Innovative Talent Cultivating Centered on the Platforms
Students entering the platform, the platform are the center for the configuration of various teaching and research activities. That is to say, students just enter the platform model, clarify the central task of the learning research, and make the innovative talent training to achieve a high standard, strict, quick success.

Powered Platform as the Core Frontier Development Production Systems
To further promote China's colleges and universities in the allocation of human resources, the cooperative platform construction, subject setting and optimization of linkage play the roles. Exploring the linkage mechanism will be conducive to further promoting the internationalization of higher education platform in the construction of the performance and management level.
Conclusions
A variety of international cooperation platforms construction will play key roles in the process of China Higher Education internationalization. We are going to find the mechanism of it in the further study.

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