

## **On the Management of Scientific Research Work in Colleges and Universities of Western Areas**

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### **Abstract**

*According to the existing condition analysis of academic research management in colleges and universities of the western areas, pointing out there being some existing problems at present, and putting forward to the countermeasures solving these problems. Thinking, as for the colleges and universities of the western areas, on the management of academic research work, are supposed to grasp the complication of it, highlight the local unique features, strengthen the ability of serving local economic, and take an important part in the local economic development.*

**Key words:** western areas; colleges and universities; academic research management

At present, in order to promote the development of country and society, the colleges and universities are mainly responsible for the three main tasks: "cultivating the talents, developing the technology and servicing the society". Among them, with the science and technology comprehensive strength of international and domestic unceasing enhancing, the development of science and technology becomes more and more important. Moreover, the comprehensive strength of scientific research level has become the main signs, measuring the school running level. It is well-known that the scientific research management has much to do with the scientific research level. A friendly scientific research environment plays an important role in the process of the scientific research. Due to the geographical differences, many colleges and universities in western region of China, to some extent, is junior to the eastern colleges and universities, especially some key ones, in the way of the level of scientific research. But with the science and technology used widely, the western colleges and universities gradually pay attention to the development of the scientific research, by "teaching university" to "Teaching Research University", while increasing the promotion of scientific development, such as, formulating the corresponding rules and regulations, taking different incentive measures, and other series of measures, which promote more and more scientific research activities of the western colleges and universities, increasing constantly the level of scientific research. But overall look, compared with some key universities, and others in developed areas, the research work of universities still have not little difference.

### **The present situation of scientific research management of the western colleges and universities**

#### **1. Not understanding the implication of the scientific research management thoroughly, without sound oversight mechanisms**

Scientific research is a systematic engineering, and the management of scientific research is a complex and fine comprehensive management, it is not only the statistics, the check, the reward and other series of work of the scientific research achievements, but the premise and the safeguard of encouraging the implementation smoothly of scientific research. In the process of the management, not only need the scientific management mode, but also a reasonable allocation of scientific research management team. However, the colleges and

universities in the western areas, since the pursuit of quantity and quality promotion scientific research achievements, while ignoring the importance of scientific research management, misunderstanding the management work, so that it takes on the inharmonious situation between scientific research and management. As a result of thinking little of the scientific research management work of the colleges and universities in the western regions, which led to some researchers do things by irregular ways, such as the plagiarism, even in the national key scientific research projects. For example, this year in a famous university of the western regions, the researcher XX published monographs for copying Miss Zheng Qianlin's master's thesis in Taiwan Normal University.

## **2 Short of the stable scientific research management team, to improve the overall quality of them**

Along with the constant development of China higher education, and the rapid expansion of science and technology strength, a large number of researchers of higher education swarm into the research team, whose knowledge level, educational structure, comprehensive ability, visual field, subject structure have made great progress. So it put pressure on the scientific research management As for these doctoral students and postgraduates, it is necessary for team management to enhance the corresponding level. However, many western colleges and universities are of no particular importance to scientific research management team building, still with the old management philosophy, outdated management system, imperfect incentive mechanism. And a group of high quality management team, to a great extent, which is junior to the other team, with the insufficient professional managers and knowledge, the low enthusiasm, the unstable procession, the non-effective management, and which is very big different from the other ones in eastern regions in the way of management ability, knowledge level, basic literacy and other aspects .Therefore, the colleges and universities in western regions ought to be fully aware of the fact that this kind of management team is bad for the school scientific research development in the era of knowledge economy.

## **3 Lack of the concept of scientific and technological achievements transformation, serving local economic ability**

The core of scientific research is the scientific research achievements can be turned into the practical science and technology, in order to serve for the development of local and social economy, promoting the social development. Because it is a galaxy of talents in colleges and universities, and there are many scientific research achievements. It is a pity that their concept of the research market、 the service economy development is not strong. Generally speaking, they have no high ability service for local economic development. They mostly pay attention to the scientific research work such as project reporting, project approving, funds using, project finishing and so on, taking seriously insufficient for project management, prospect analysis, achievement transformation, in addition to this ,they are not closely linked with local businesses, and the market demands completely are out of line, only just working on the theoretical study inside the house simply, failed to achieve the scientific knowledge into productivity, not due contributing to the society and local economic development, but also caused the imbalance development between longitudinal projects and transverse projects.

## **The suggestions of the scientific research management of the western colleges and universities in the new period**

### **1 innovate the concept of scientific research management, strengthen the scientific management**

With the development of science and technology, the support of the state and local government for the western scientific research work energetically, the scientific research of the western colleges and universities has made

great progress, but, to a certain extent, the scientific research management team are unable to keep up with the increasing research activities and increasing the level of scientific research. Therefore, updating research management concept, perfecting the scientific management mechanism, improving the quality of scientific research management team for the western region is to solve urgently the management problem. To regard the technological innovation as the goal, with the times to establish management concept, timely grasp of market information, strengthen the link with local enterprises, trying to provide accurate scientific information for the majority of scientific researchers, and to promote the scientific research of western colleges and universities develop continuously and healthily.

## **2 Stabilize the scientific research management team, and to improve the management efficiency**

The scientific research management of universities is technical, professional and strong. So a scientific research team, which is high-quality, professional, stable is a solid foundation for the healthy development, the colleges and universities of the western area should lay emphasis on the cultivation of scientific research management team, mobilizing them to learn new knowledge, new method actively, encouraging them to continue to learn modern scientific management method, management knowledge, to master modern information technology, and more effective services in the development of scientific research of universities. At the same time, the colleges and universities of the western area cannot because the local traffic is not convenient, the information is out-of-the-way and neglect keeping in touch with superior management of scientific research departments, but actively learn form the brothers and other institutions each other, strengthen ties with enterprises, to enhance the ability of serving local economy.

## **3 Improve the scientific management system, to strengthen the management of service ability**

The colleges and universities of the western area are supposed to comply with the pace of development of the economic times, innovate continuously the scientific research management system. First of all, the management of scientific research personnel should have a dedicated service consciousness, to desalt their administrative identity, to take fair measures, to create a fair good scientific research atmosphere, fully mobilize the enthusiasm of scientific research personnel being engaged in scientific research work. Secondly, the scientific research management institutions should pay attention to the scientific research transformation effectively, realize an organic combination with the "production, learning and research, "effectively, to promote the achievements of college scientific research positive transformation, strengthen the social services, local economic development ability, promoting the coordination development between vertical project and horizontal project.

## **4 Prominent the local features, to enhance the ability of serving local economy**

It is well-known that the study of resource allocation is short, the information is inadequate for the colleges and universities of the western area because of geographical reasons. Therefore, it must be considered its advantages and disadvantages, fully exploiting their own advantages, to reach the maximization of the research benefit. So they must insist on two points in the management of scientific research work: one is to close the place, carry out regional characteristics study; the other is to emphasize the transformation of scientific research achievements, outstanding the applications, to take solution the problem of local economic development effectively as a criterion. For the colleges and universities of the western area, to carry out the rich local characteristics of scientific research activities, it is not only their basic function, also the source of scientific research life. The western region is advantageous, being rich in natural resources, colorful local customs and practices, being full of research contents. They should be good at digging their potential research, making full use of the natural advantages richly endowed by nature. Being surrounded by the area of characteristic industry,

the competitive industry, to construct a number of scientific research innovation team ,which are professional and strong, with high level of knowledge and high quality, to integrate the research resources, taking serving the community and the local economic development as purpose, and carrying out the distinctive、 advantaged scientific research, to enhance the comprehensive level of scientific research in colleges and universities, making the western area colleges and universities based on the development well in the country numerous colleges and universities of our country.

In conclusion, the scientific research management work of the western colleges and universities should be standardized, systematic, scientific, and modernization, so we should not only adhere to the healthy development of colleges and universities in the traditional philosophy, but also has innovation consciousness in the management process, to ensure the western colleges will not be eliminated in the era of knowledge economy. Thus, the western colleges and universities must highlight local characteristics in the management concept, management means and incentive mechanism.

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