

Characteristics of University's Scientific Research Project Management in the New Times

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Abstract

Along with the comprehensive deepening of reform and open, China's economic has developed rapidly. National and provincial's longitudinal and transverse scientific research projects are increasing. In particular, our country has many universities and they have close relationship with economics' development. Also, scientific research projects that involved are multitude of names. Understand our country's characteristics of scientific research project in the new period correctly. Adjust local university's scientific research project management method, means and key in time, and make out corresponding management system to promote local universities' further development.

Keywords: University; scientific research project; management; Characteristics

Currently, with the increasing of numbers and species of longitudinal scientific research project topics of local universities, there are big reforms and adjustments for their managements. Local universities' management of scientific research project will be facing new reform for that the State Council and related departments have been issued new grant applications, management policies and related implementing measures.

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It is important for local university to realize the character of new scientific research project, know the policy of government and related departments, and considerate their own actual situation, so that they could formulate practical management policies and adopt appropriate management methods and means. In this way, local will improve their ability to undertake important scientific projects and their ability to service local economy development, so as to promote local universities' scientific research work healthily and smoothly.

The new management features of our scientific research projects in the new era

Since the reform and open, our country has used scientific research project system which were taken

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example for some developed countries. Moreover, our country has taken a series of reform measures to the traditional scientific research project management mode. In a certain extent, this system has inspired scientific researchers' innovation potential in universities, which has made great contribution to the further development of scientific research work in colleges and universities. Let alone some universities which have poor scientific research ability, they benefit a lot from this new scientific research project system. The carry out of this new management mode has brought a lot of new changes to our country's scientific research management work.

(1) The superior departments' macro management.

In new period, the superior departments are mainly engaged in macro management. They are responsible for formulate scientific research management policy and system and issue guideline for the scientific research project. They are no longer responsible for the specific work. Subordinate scientific research departments will according to the relevant requirements from superior's notice, and release scientific research project information to teachers through the school information platform. In the meantime, encouraging school scientific researchers to declare the project actively. The transition of government's function increases the flexibility and timeliness of the management of project application.

(2) The publicity of the way to apply the projects.

The way to apply scientific research project has been changed into public competitive-bidding system. After scientific research project information released by relevant research departments, school scientific researchers will according to individual's professional expertise and their own advantages to choose to apply appropriate scientific research project. For some high-level scientific research projects, school scientific research management department will invite experts to audit the projects, and then public those projects, after that, report to superior. In the aspect of project application all teachers are equal. This, to a certain extent guarantees the project application's publicity, fairness and transparency. Promote the scientific researcher's fair competition, and ensure the legal rights of the claimants.

(3) The modernization of means to apply the projects.

At present, the application of many national, provincial and departmental projects are all take online apply means, declares register individual users through internet, school research management department approve and pass. Declares complete the filing materials online, then scientific research management department audit and pass online and upload. Experts could also read and appraise on the Internet. Now, the national natural fund projects, national social and science fund projects, ministry of education projects, Sichuan science and technology agency and other programs all adopt this method to apply projects . The implementation of modern methods increases the efficiency and accuracy of project application. Besides, it also reduces the school research management department staff's work.

(4) The standardization of the project funds management.

In the project funds management, project management system adopts full detailed budget management.

After the national natural fund project and the national social science fund project approved, there will be a special fund receipt list. School scientific research management department will based on superior's related requirements, called project director trained together and fill in the project fund receipt list. When the project applicants fill in the project declaration, they will based on the project funds to fill in a corresponding budget sheet. The budget sheet is detailing to every specific direction, such as material fees, meeting fees, labor fees, and laboratory fees. After project is approved and fund is transferred, the project leader will based on the budget and use formal financial tax invoice to reimbursement. What's more, the bill should be signed by scientific research management department funds management personnel, scientific research management department and financial department, only after that they could apply for reimbursement. This way will put an end to false claim for expenses.

(5) The crystallization of the scientific research responsibility.

The current scientific research projects are carries out a project leader responsibility system. In the period of project research study the project director have full autonomy. They may based on the needs of scientific research project to choose the appropriate subject members. And encourage the cooperation between inter-disciplinary, cross-college, cross-school. This way will avoid the appearance of individual, and also benefit to combine the school academic resources and excellent scientific researchers effectively, improve the school's ability to complete the major, key projects. Project director will assume certain legal responsibility. The project teams' members closely around the research direction and give full play to individual's professional advantage, actively complete their own part. Therefore it'll greatly reduce the completion time, and also improve the quality of the project.

(6) The hierarchical of the subject research.

For some major, key projects, it's often adopting the subject responsibility system management, that is to say, "project-subject" or "topic-subject" are levels of management. Project leader will accord the needs of project or subject research to sign a subject classification contract, treat parts of the subject research as sub-project and give them to other researchers to finish them. Thus, in a certain degree, it'll share the scientific research tasks with project leader. Also, it'll improve the quality of the project.

(7) The transparency of the management program.

At present, aiming at the supervision and restriction system in project management, the state department and scientific research management consciously accept the supervision from society. Carry out an appraisal system to the project leader, subject's supporting institution and the credibility of evaluation experts. Strictly carry out the project middle-term and concluding system. When declaring a subject, there'll be an intermediate inspection to urge the project leader engaged into the research subject actively. At the same time, when checked and accepted the project, there'll need perfect procedure and qualified material.

(8) The rapid of the transformation of scientific and technological achievements.

Along with the increasing effect of science and technology to the development of society, the state and government are attaching more and more importance to the promoting effect of science research to local economic and social development. The contact of scientific research work and local are more and more closely. The state and local government also published many documents about strengthen the transformation of technological achievements. Those policies point out the direction of the university's research. The main point of university's research should be applied research. Actively encourage school scientific researchers to engaged in some research that is closely linked to state and local economic and social development.

In conclusion, from set up the project, funds management to intermediate inspection, finish the project and acceptance, each project has its own demand and character. This series of regulations promote the standardization of the project management. Though universities have many kinds of projects, they all have their own order. In project management, universities abide open, transparent, and science management principle. It's good for the rapid transference of our country's technological information and the effective use of scientific and technological achievements. Consequently, promoting our country's science and technology plan implement better, and making an important contribution for China's economic and social development.

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