

The Path of Integrating the Spirit of Scientists into the Ideological and Political Education of Graduate Students Based on the Perspective of Educating through Scientific Research

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Abstract. Education through scientific research is the most basic and obvious educational logic of postgraduates' ideological and political education, which has the characteristics of scientific research ideal orientation, cognition of scientific spirit, scientific research practice. The integration of scientist's spirit into the ideological and political education of postgraduates from the perspective of education through scientific research is feasible, and the two are compatible with each other in terms of content, coherent in terms of purpose, and manifest in terms of value. At present, under the environment of education through scientific research, scientist's spirit being integrated into the ideological and political education of graduate students faces the dilemma of subject, cognition and practice. We should improve the education through scientific research measures from the aspects of promoting the concept of scientific research education, deepening the spiritual cognition of scientists in connotation, and strengthening the links of scientific research participation in practice. To explore a new way to integrate the spirit of scientists into the ideological and political education of graduate students.

Keywords: Education through scientific research; Scientists' spirit; Postgraduate; Ideological and political education.

General Secretary Xi Jinping emphasized at the Scientist Symposium in September 2020: "Scientific achievements are inseparable from spiritual support. The spirit of scientists is the precious spiritual wealth accumulated by scientific and technological workers in long-term scientific practice. It is necessary to consciously practice and vigorously promote scientists in the new era. Spirit". As an important subject of scientific research in universities, postgraduates should actively promote and cultivate the spirit of scientists in the new era in the study of ideological and political education.

1. The essential characteristics of scientific research and education: the feasibility of integrating the spirit of scientists into the ideological and political education of graduate students

1.1 The scientific connotation of scientific research and education

Scientific research and education are an indispensable carrier in the ideological and political education of graduate students. The carrier function of scientific research and education is embodied in these three aspects: First, it is an idea carrier, and it is a kind of educational concept that integrates ideological and political education into scientific research activities. Secondly, it is a behavioral carrier, and scientific research and education is a purposeful educational guidance behavior. Third, it is a process carrier and a process of exerting the lasting influence of scientific research and education.

1.2 The role of scientific research and education

First, it has the orientation of scientific research ideals. The scientific research ideals contained in scientific research and educating people are the inherent requirements of the ideological and political education of graduate students, and are the reflection of the spirit of scientists in the scientific research activities of graduate students ^[1].

The second is cognition with a scientific spirit. Improving the cognitive ability and level of the scientist's spirit is an important content of the postgraduate ideological and political education in the new era. The main thing is that the spirit of scientists has the function of ideological and political education

The third is the practicality of scientific research. Encourage postgraduates to continuously seek correct scientific research methods in scientific research practice, And the scientific research method runs through the whole process of scientific research.

1.3 The feasibility of integrating the spirit of scientists into the ideological and political education of graduate students

First of all, the content fits into each other. Not only the spirit of scientists provides vivid textbooks for postgraduate ideological and political education. Postgraduate ideological and political education also stimulates the development of the spirit of scientists, and opens up new forms for carrying forward the spirit of scientists..

Secondly, the purpose is interconnected, and the spirit of scientists embodies the fundamental task of ideological and political education for postgraduates to build morality . Under the new situation, postgraduate ideological and political education will focus on the fundamental task of cultivating people by virtue. The spirit of need reflects the purpose of postgraduate ideological and political education.

Third, the values are mutually manifested, and the spirit of scientists highlights the distinct value orientation of postgraduate ideological and political education. Values education is the core work of ideological and political education, and the spirit of scientists interprets the value pursuit of scientists in previous generations, and is a high-quality educational resource for graduate students to carry out value education .

2. The practical dilemma of scientific research and education: the necessity of integrating the spirit of scientists into the ideological and political education of graduate students

The integration of the spirit of scientists into postgraduate ideological and political education is a gradual and difficult process of exploration. Prominent problems remain in many respects.

2.1 The predicament of the main body: the concept of educating people with scientific research first needs to be improved

From the perspective of university development, most universities regard scientific research as the top priority of development. Simply treating ideological and political education as a political task that has to be completed has led to the fact that the main role of colleges and universities has not been reflected as it should, and the connotation and value of the spirit of scientists cannot be effectively disseminated.

From the perspective of tutor education, the tutor is the first responsible person for the management and training of postgraduate education. Many tutors still have wrong ideas, and they should make changes in the thinking and cognition of some tutors and correct the wrong understanding of "only using scientific research results as standards".

From the perspective of postgraduate training, scientific research is also the basic concept guidance and practical rule of some graduate students' study and life. In the environment where only scientific research determines academics, most graduate students lack the necessary cognitive and action consciousness for the spirit of scientists.

2.2 Cognitive dilemma: the research on the spiritual connotation of scientists needs to be deepened

First of all, the connotation of the scientist's spirit is not excavated enough. First, the academic interpretation of the spiritual connotation of scientists is still in the unfolding stage, and has not been able to form a condensed grasp of both academic rationality and value. Second, some tutors have the erroneous cognition that "the spiritual education of scientists is only the task of teachers of ideological and political theory courses, and has nothing to do with the teaching of professional courses"^[2].

Second, the ideological elements of the spirit of scientists are not displayed enough. In the process of scientific research and education, the tutor how to guide graduate students to establish scientific research ideals, cast scientific research ethics, and solidify the scientific spirit in the process of scientific research and education, lacking in understanding and experience, and the cultivation of the spirit of scientists has also become a scientific research method teaching.

2.3 Practical dilemma: the actual participation in scientific research activities needs to be strengthened

First of all, the participation in scientific research practice is not high. Many graduate students rarely have the opportunity to participate in teaching practice activities, innovative practice activities and social service practice activities. It is conceivable that scientific research and education have lost their basic significance, and it is difficult for the beliefs and values of the spirit of scientists to smoothly find a way to spread practice.

Second, the benefits of scientific research practice are insufficient. Second, the benefits of scientific research practice are insufficient. In the process of scientific research, graduate students and supervisors pay more attention to the "scientific research content", and the exchange and understanding of the content of ideological and political education are much less, and graduate students cannot have the action consciousness to participate in ideological and political education.

3. Improvement measures for scientific research and education: the path of integrating the spirit of scientists into the ideological and political education of postgraduates

The key to improving scientific research and education measures lies in the deep integration of the spirit of scientists and the ideological and political education of graduate students. The foundation lies in improving the concept of scientific research and educating people, focusing on deepening the spiritual cognition of scientists, and the key is to strengthen the participation in scientific research.

3.1 Promote the concept of scientific research and education from the main body

As far as universities are concerned, it is necessary to change the academic evaluation method so that tutors and graduate students truly understand scientist's spirit. As far as the tutor is concerned, it is necessary to integrate the elements and connotations of the scientist's spirit into the whole process of learning in the scientific research activities. As far as graduate students are concerned, it is necessary to closely integrate the spirit of scientists with the reality of scientific research, and create a realistic and pragmatic scientific research atmosphere among graduate students.

3.2 Deepen the spiritual cognition of scientists from the connotation

From the perspective of teachers, it is necessary to insist that educators receive education first. Tutors should enhance their sense of mission and the sense of belief of graduate students from the learning style and learning content. From the perspective of graduate students, in the academic

community of teachers and students, graduate students should strengthen the perception and ideological collision of the spirit of scientists with their supervisors in academic exchanges.

3.3 Strengthen scientific research participation in practice

Participation in scientific research practice is an important way for the integration of the spirit of scientists into students' ideological and political education. First, it is necessary to integrate the spirit of scientists into the whole process of postgraduate scientific research practice, and the tutor should take the initiative to explore the educational elements of the spirit of scientists^[3]. Secondly, it is necessary to improve the environment for scientific research and education, and give graduate students more guidance on the spirit of scientists. At the same time, it is necessary to encourage graduate students not to be afraid of failure and have the courage to innovate^[3].

References

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