

## Preliminary Study on Cultivating Medical Students' Professional Spirit Based on “Craftsman Spirit”

Han Lin<sup>1</sup>, Yujing Dong<sup>2,\*</sup>

<sup>1</sup>The First Affiliated Hospital of Qiqihar Medical University, 161041, China

<sup>2</sup>Qiqihar Medical University, Qiqihar, Heilongjiang, 161006, China

\*Corresponding Author

**Keywords:** Craftsman spirit, Medical students, Professional spirit

**Abstract:** Cultivating the craftsman spirit of college students is an urgent need for college personnel training to adapt to economic development, especially for the special group of medical students, who shoulder the people's health. By analyzing the current situation of the country and the methods of cultivating the spirit of craftsman in Colleges and universities, this paper discusses the measures to further improve the professional spirit of medical students under the guidance of the spirit of craftsman.

### 1. Introduction

The 19th National Congress of the Communist Party of China (CPC) put forward in its report that “priority should be given to the development of education. The Party's education policy should be fully implemented. The fundamental task of cultivating moral integrity and cultivating talents should be implemented. Quality education should be developed. Education should be promoted in an equitable manner. Socialist builders and successors with all-round development in morality, intelligence, physique and aesthetics should be trained.” At the same time, it is proposed to “build a knowledge-based, skilled and innovative workforce, carry forward the spirit of model workers and craftsmen, and create a social atmosphere of glorious labor and a professional atmosphere of continuous improvement”. “Artisans Spirit” is Xi Jinping's new era of socialism with Chinese characteristics. Artisans must have excellent qualities such as dedication, lean, concentration and innovation, and constantly break through themselves. “Craftsman spirit” is not only a kind of professional spirit, but also the embodiment of professional ethics, professional ability and professional quality. It is also a kind of professional value orientation and behavior performance of practitioners. Therefore, the craftsman spirit is the enrichment and extension of the Marx's classical theory on the all-round development of human beings, and is the content of Xi Jinping's new socialist political economics with China's characteristics. It is also one of the important ways for universities to cultivate and implement the moral education. Craftsman spirit is the further filling and deepening of the theory of students' vocational moral education and the cultivation of College Students' professional and professional spirit. It plays an important role in the cultivation of students' professional quality, physical and mental quality, the promotion of morality, professional development and social adaptability.

### 2. Research Status

The “craftsman spirit” of Xi Jinping's socialism with Chinese characteristics in the new era serves as a spiritual guide for the career pursuit of modern vocational education [1-4]. Most of the domestic researches on the spirit of craftsmen are theoretical researches, among which there are few researches on how to cultivate the spirit of craftsmen in universities. In the only cultivation involving craftsman spirit, the vast majority is aimed at students in higher vocational colleges, and only a few articles are specially aimed at cultivating and discussing the craftsman spirit of college students. The literature on cultivating the craftsman spirit of medical students and improving their

professional spirit and social adaptability is currently blank [5-15]. For students in different fields and majors, it is very important for students to adopt different training programs and construct a suitable training system according to their professional and subject characteristics. Therefore, it is still necessary to further strengthen the scientific, standardized and systematic cultivation of Xi Jinping's "craftsman spirit" in China's new era of socialism with Chinese characteristics. Meanwhile, it is of great significance to further the essence of the spirit of "craftsman spirit" of Xi Jinping's new socialist ideology with China in the cultivation of medical students' occupation spirit and social adaptability, and further enhance their professional occupation, physical and mental health, ambitious aspiration and good medical talents.

### **3. Exploration on Ways of Cultivating Medical Students' Artisans Spirit in Colleges and Universities**

#### **3.1 Perfecting the Working Mechanism of Cultivating College Students' Craftsman Spirit**

Ideological and political education in colleges and universities is an important base for college students to cultivate the spirit of craftsmen. In order to improve the quality of cultivating craftsmen's spirit, we must break through the root of the policy [16]. Colleges and universities should constantly learn from foreign excellent vocational education experience and combine the characteristics of medical students to define the scope of capabilities that each unit can play in promoting and cultivating the spirit of craftsmen. Schools should add corresponding ideological and political education elements according to the conditions of their own schools, and make craftsman spirit an important part of it. They should formulate documents conducive to the improvement of medical students' professional spirit and promote them throughout the school. On this basis, colleges and universities should constantly improve the practical transformation mechanism of the cultivation of craftsman spirit, and strengthen medical students' recognition and recognition of craftsman spirit. In practice, the perseverance and the spirit of excellence of medical students are honed, and the identity and professional honor of the craftsman spirit of medical students are continuously strengthened. Finally, colleges and universities should improve the cultivation mechanism of medical students' craftsman spirit, establish a systematic and scientific evaluation system, innovate comprehensively from the evaluation content, method and evaluation subject, and make the evaluation system scientific. The evaluation content is diversified. The evaluation subjects are diversified to fully show the professional charm of medical students.

#### **3.2 Perfecting the Curriculum System of Cultivating Medical Students' Craftsman Spirit**

The ideological and political elements and system of craftsman spirit are integrated into the professional courses. Teachers of professional courses can help students understand and analyze the important value and significance of craftsmanship spirit for the health industry that medical students will be engaged in by combining the characteristics of medical students' posts. Medical students shoulder the responsibility and lofty mission to life. At the same time, colleges and universities should strengthen the construction of teachers' morality and style, and pass the fine qualities of craftsman spirit, such as "love the post and work hard", "keep improving" and "keep forging ahead", on teaching students by words and deeds through professional teachers, so as to inspire medical students' recognition of craftsman spirit with the power of example. So as to help students to achieve a greater breakthrough in their own life development path, to cure the sick and save the wounded. The value pursuit of cultivating craftsman spirit should be added to the courses of introduction to medical students' growth and career planning. In the course teaching process, professional ethics education, professional values and other contents are added to help students shape a correct view of job selection, and to improve students' awareness of the future development of the profession they want to choose in the future and their ability to plan for it. At the same time, attention should be paid to the cultivation of students' excellent psychological quality, the cultivation of students' positive mentality like a "big country craftsman", the perseverance of quality, the attitude to bear responsibility and the innovative spirit of continuous development, and

the reverence for life.

### **3.3 Innovating the Teaching Mode of Medical Students' Artisan Spirit**

Medical students should actively go out of the classroom to carry out and carry out the cultivation of craftsman spirit in social practice. Because in the practical environment, the real scene can not only improve the professional knowledge level of college students, apply the knowledge learned in the classroom to the actual operation, but also enhance the students' actual feeling and professional honor for the “craftsman spirit” and take a cautious attitude of earnest, rigorous, meticulous and continuous improvement to every ordinary post. This is of great significance to improve the spiritual and cultural quality of medical students. At the same time, the construction of campus culture in colleges and universities should incorporate the elements of craftsmanship spirit. Cultivate the “craftsman spirit” of college students by quietly moistening campus culture. Through the theme class meeting and the publicity of school activities, the “patriotism” and “love one's post and work” in the spirit of craftsmen are skillfully integrated into the training of school students. Through holding scientific and technological competitions, innovation and entrepreneurship competitions and other activities, the “pioneering and innovative” spirit of craftsmen is integrated into students' scientific research activities. Through the development of green environmental protection and other activities, the ecological civilization values in the spirit of artisans are integrated into the construction of campus culture, contributing to a green campus. The power of example is huge. We should also pay attention to the role of example in the cultivation of craftsman spirit of college students. Especially in the current situation of new coronary pneumonia, a large number of doctors and nurses have rushed to Wuhan, Mudanjiang and other places. For the sake of the safety of the Chinese people, regardless of their own life safety, they went to the most serious epidemic area to save lives. We should vigorously publicize the advanced deeds of these angels in white on campus. In schools with conditions, they can even be invited to enter the campus to communicate face-to-face with students, guide students to look at role models in action, and finally internalize the moral character of role models in the heart and externalize in the line.

### **3.4 Expand the Cultivation Platform of Medical Students' Artisan Spirit**

The cooperation between schools and enterprises and the integration of production and education are of great practical significance for colleges and universities to cultivate the craftsman spirit of college students. Colleges and universities should make full use of this practice platform to cultivate the “craftsman spirit” of college students, so that professional knowledge can be integrated with the craftsman spirit, and the craftsman spirit can guide their work and practice, thus becoming an important spiritual force for college students to grow up healthily and become full-grown. It is only a drop in the bucket to rely on colleges and universities themselves to cultivate the craftsman spirit of college students. Therefore, it is necessary to combine enterprises to provide a real training platform for students' practice. The post practice platform provided by cooperative enterprises for college students can enable students to face up to the working atmosphere so as to form excellent professional attitudes and guide students to form correct employment outlook, outlook on life and values. Colleges and universities should also be guided by the needs of the market. The setting of major should meet the requirements of industry, the process of teaching should meet the requirements of production practice, the setting of professional courses should meet the standards of occupation, and the integration of production and teaching should be achieved. Finally, we should actively learn from the modern apprenticeship model in the German vocational education system to cultivate the “craftsman spirit”. Under the teacher's words and deeds, students learn from the teacher's working attitude of keeping improving, and experience the teacher's rigorous and meticulous treatment of every product and work. This kind of moistening has a direct impact on students' professional attitude and ethics, and has played a huge exemplary role in the cultivation of College Students' craftsman spirit.

### **3.5 Establishing a Perfect Self-Management System for Medical Students**

As the name implies, students' self-management refers to the management of students themselves,

their future development goals, their own thoughts and wills, their own behaviors, etc. The self-management of college students is a management method of self-regulation, self-awareness and self-motivation through exerting students' subjective initiative, which plays an important role in improving students' self-control ability. The construction of a management system for the cultivation of craftsman spirit among college students requires not only the joint efforts of the school's functional departments and teachers, but more importantly, as a student body, it should consciously put itself into the system construction for the cultivation of craftsman spirit. Among them, the self-management ability of college students is an extremely important dimension to evaluate their employment quality and professional accomplishment. Therefore, the student self-management system in colleges and universities should be innovated and improved, which is also an important help to improve the spirit of craftsmen among college students. The student self-management system can be improved from the following aspects. First, strengthen the student's class management system. Establish a sound and reasonable class rules system in the class, counselors and class teachers can mobilize all students to participate in the work of making class rules. This can not only share the pressure of the class committee to carry out the work, but also conform to the purpose of self-management and self-service of college students. Secondly, give full play to the positive role of student associations and provide a positive demonstration role for students' self-management in colleges and universities. As we all know, the heads of student associations are almost all college students. They should give full play to their positive role in demonstrating their organizational and coordination abilities to improve their initiative and actively participate in the construction of school culture. Finally, the student apartment center can regularly organize and carry out activities such as dormitory cultural exchange and dormitory grand appraisal, so as to promote exchanges among students, guide students to consciously abide by the relevant management regulations of the school dormitory, and improve students' self-management level. Constantly strengthening and improving students' self-management system is beneficial to guiding students to consciously abide by the corresponding rules and regulations in their usual study, teaching activities and social production practice, helping students to continuously improve their consciousness and contributing to the formation of their professional accomplishment in the future, thus enhancing their craftsman spirit, and continuously practicing the craftsman spirit in their life to realize their all-round development.

#### **4. Conclusion**

Medical students, as a group with relatively high level of knowledge and technical quality, are an important force to promote national construction, social development and people's health, occupying an important position in national construction and social development. College students are the new force in the construction of China's modern socialist society and the future masters of our country. Their ideological status and ideology directly affect the development of society and their own future development. Under the current domestic and international market environment, some students lack the spirit of craftsman due to the influence of some foreign bad values and some bad social atmosphere, as well as the current deficiencies in cultivating the spirit of craftsman in colleges and universities. Before the employment of college students, it is urgent to cultivate their practical and effective craftsman spirit that meets the requirements of the times, cultivate their patriotic feelings, cultivate their professional spirit and social adaptability, and further improve their scientific research ability, innovation ability, physical and mental quality, professional and humanistic qualities. To help and guide college students to establish a correct world outlook, values, professional ethics and innovative spirit is conducive to the cultivation of medical talents with physical and mental health, excellence, rigor, creativity and adaptability, and to the practice of core values of socialism. It can not only deepen the professional spirit and moral education of medical students, cultivate medical and pharmaceutical talents with good professional spirit and social adaptability, but also contribute to the construction of China's pharmaceutical industry and the improvement of scientific and technological level, and play a significant role in promoting China's accession to the world power. Therefore, "craftsman spirit" as a kind of responsibility plays a

positive role in promoting medical students' personal career development, physical and mental health, social progress and national prosperity. It is of great significance to apply the spirit of craftsman in medical colleges and universities to further improve students' professional spirit.

## Acknowledgment

The Social Science Fund Project of Qiqihar Medical University; Project Number: QYSKL2019-07.

## References

- [1] Compilation of documents of the 19th National Congress of the Communist Party of China [G]. Beijing: People's Publishing House, 2017.
- [2] Xi Jinping. Struggling to build a strong country in the world of science and technology-speeches at the National Science and Technology Innovation Conference, the Academic Conference of the Two Academy of Sciences, and the Ninth National Congress of the Chinese Science and Technology Association [M]. Beijing: People's Publishing House, 2016. 1] Xi Jinping. Xi Jinping series of important speech readers [M]. Learning Press, People's Publishing House, 2016.
- [3] Xiao Qunzhong, Liu Yongchun. Artisan spirit and its contemporary value [J]. Hunan Social Sciences, 2015 (06): 6-10.
- [4] Ding Caixia. Establish and improve the system of forging craftsmanship spirit [J]. Journal of Shanxi University (Social Science Edition), 2017 (1): 115-120.
- [5] Liu Jianjun. Artisan spirit and its contemporary value [J]. Ideological Education Research, 2016 (10): 36-40 + 85.
- [6] Ye Meilan, Chen Guixiang. The contemporary value of artisan spirit and the choice of its realization path [J]. Higher Education Exploration, 2016 (10): 27-31.
- [7] Chen Han. Research on the coupling mechanism between the cultivation of "artisan spirit" in the new era and the ideological and political education of college students [J]. 2019 (03): 37-38
- [8] Qian Zheng, Zhang Yucheng. The craftsmanship spirit leads the reform of innovation and entrepreneurship education for college students [J]. China Adult Education, 2018, (03): 78-81.
- [9] Guo Ruipeng and the craftsmanship perspective study of the path of college students' work in precise education [J]. Education and Talents, 2018 (06): 88-90.
- [10] The integration of the craftsman spirit into the ideological and political education in universities [D]. Shanghai Normal University. 2018.
- [11] Wang Rongxia. The practical exploration of the integration of the craftsman spirit into ideological and political education in colleges and universities [J]. School Party Building and Ideological Education, 2018, (06): 56-58.
- [12] Tang Dongmei, Chen Xuanming. The role of ideological and political education in colleges and universities on college students [J]. Talent, 2018, (1): 30-31, 33
- [13] Wang-Sheng, Wang J F. Research on the Innovation of Ideological and Political Education of University Students in the We-Media and Big Data Era [C] // InternationalConference on Measuring Technology and Mechatronics Automation. IEEE, 2017: 403 -407.
- [14] Wang Yongqiang. An Analysis of the Incentive Strategy of Teachers in Higher Vocational Colleges from the Perspective of Craftsmanship [J]. Journal of Jishou University (Social Science Edition) 2017 (12): 194-196.
- [15] Zhang Kailiang. Research on the improvement of innovation and entrepreneurship of college students based on the cultivation of craftsmanship [J]. Educational Theory and Practice, 2017, 37

(12): 21-23.

[16] Chen Shanshan. Cultivation research and practice of the “Craftsmanship” of science and engineering students under the guidance of socialist core values [J]. Journal of Higher Education, 2017 (22): 171-173.