

Research on the Countermeasures for Accelerating the Transformation of the Combat Effectiveness Generation Model of Military School Graduates

Chengzhong Le^{*}, Aizhi Chen, Zhiyong Yan, Zeyuan Mei

Department of Basic Courses, Naval Engineering University, Wuhan, Hubei, China

^{*}Corresponding author

Keywords: Combat effectiveness generation mode, Graduates cultivation, Countermeasure research

Abstract: Military academies graduate students are highly sophisticated talents in army building and play a “mainstay” role in the long-term development of the army. With the theme of promoting the scientific development of national defense and army building and the strategic background of accelerating the transformation of combat power generation models, the development of graduate education has both opportunities and challenges. Military academies should firmly grasp the opportunities, be brave to accept challenges, vigorously promote the transformation of the postgraduate training model to combat effectiveness, promote the development and construction of the army, and meet the needs of future information warfare.

1. Introduction

The history of human military development shows that whoever masters a high-quality military talent team will master advanced combat capabilities, and will be able to win the opportunity and take the initiative in complex and changeable military struggles. Under the new historical conditions, to accelerate the transformation of our army's combat effectiveness generation model, it is fundamentally in people and the bottleneck is also in people. Military academies graduate students are highly sophisticated talents in army building and play a “mainstay” role in the long-term development of the army. With the gradual new equipment, the modernization of the army has been significantly accelerated and the degree of informatization has increased rapidly. At this critical moment of the transition from a mechanized combat power generation model to an informationized combat power generation model, the requirements for informatization of various talents continue to increase and it also poses new challenges to the cultivation of graduate students.

2. Higher Requirements for the Training of Graduate Students in Military Academies from the Transformation of Combat Effectiveness Generation Mode

2.1 The Transformation of Combat Power Generation Mode Requires Colleges and Universities to Speed Up the Cultivation of Postgraduate Informatization Ability

The requirements of the combat power generation model in the information age for talents are: master informatization knowledge and technology, have informatization thinking, be familiar with informatization weapons and equipment, be able to effectively use information resources, carry out informatization construction, and perform informatization operations. When cultivating military school graduate students, it is necessary to grasp the characteristics and laws of military informatization construction and informatization warfare, so that graduate students can master the tactical and technical performance of military informatization weapons and equipment, use information weapons and equipment and military integrated information systems to realize the best integration of personnel and weapons, and organize and implement military training and combat operations in a complex ordering environment.

2.2 The Training of Graduate Students Must Meet the Needs of the Transformation of the Military Combat Effectiveness Generation Model

The level of postgraduate training in military academies directly affects the quality of military informatization talents and the process of transformation of the naval combat effectiveness generation model. At present, the construction of colleges and universities is at a critical moment of transition, and major changes will take place in the subject and professional system, teaching content system, teaching method system and teaching guarantee system. Therefore, postgraduate training must meet the needs of the transformation of the naval combat power generation model, accelerate the pace of teaching reform, build a new teaching system that adapts to the training of informatization talents, and take a new path of “two-way driving and coordinated development” between academies and armies.

3. Thoughts and Countermeasures for Speeding Up the Transformation of the Mode of Military Postgraduates' Combat Effectiveness Generation

No matter how the form of war changes, it is people, not things, that determine the outcome of a war. People are the main body of combat effectiveness, and future wars are not only a confrontation of material forces, but also a contest of personnel quality. With the large-scale application of modern science and technology in the military field, the role of the human in the generation of combat effectiveness has not decreased, but has become more prominent. The core of promoting the transformation of combat power generation mode lies in people. Under the new situation, postgraduates in military academies should have a complex knowledge structure and comprehensive capabilities. In politics, they should have a high degree of sensitivity and a strong sense of mission. In the knowledge structure, it should combine a wide range of knowledge and spiritual professional skills; in terms of ability, it should be a combination of theoretical research and practical application. In terms of will quality, it should be a combination of innovative spirit and realistic attitude, and in terms of physical and mental quality, it should be a combination of physical strength, wisdom and courage.

3.1 Political Qualification is the Primary Condition for Training Graduate Students in Military Academies

3.1.1 Cultivate a High Degree of Political Sensitivity for Graduate Students

Under the new situation, the implementation of diversified military tasks is highly politically sensitive. Graduate students are required to have a firm political stance, a high sense of political responsibility, and a keen political insight. They must always maintain a clear political mind, listen to the party's command and reassure their people. Graduate students should proceed from the fundamental interests of the party and the country and the vital interests of the people, learn to analyze political reasons, consider political influences, and weigh political consequences. What is more acquire the ability to observe, think and deal with problems, so as to see the slightest knowledge, distinguish right from wrong and deal with complex situations., providing fundamental compliance and political guarantees to complete difficult tasks.

3.1.2 Strengthen the Fighting Spirit of Graduate Students

As the ideological and psychological support for soldiers to join the war, fighting spirit includes people's ideological awareness, fighting enthusiasm, sacrifice spirit, and overall quality and so on, which directly determine the effectiveness of weapons and equipment and also affect the outcome of war. Our army has always had a glorious tradition of not being afraid of sacrifices and daring to fight and winning. A strong fighting spirit is our unique advantage. To strengthen the fighting spirit of graduate students, first, we must focus on the party's absolute leadership over the army and forge an ever-changing military soul. Second, we must strengthen the main line of patriotism and ensure that graduate students are always qualified in politics. Third, we must adhere to the standard of daring to fight and win, and cultivate excellent work style and discipline and high level of fighting

morale for graduate students.

3.1.3 Highlight the Strong Sense of Mission of Graduate Students

Chairman Hu's "three offers, one play" clearly further expands the only tasks of our army, reflects the new requirements of the party's historical tasks for army building, and it is an important part of the scientific development concept. A strong sense of mission is a powerful spiritual theory that condenses the military's aspirations, and is a value and spiritual pillar that soldiers should have. It is necessary to carry out in-depth education activities for the faithful fulfillment of our military's historical mission among graduate students, to help graduate students build correct military values and solid combat team concepts on a solid ideological and theoretical basis and to enable graduate students to accurately understand from the height of fulfilling the historical mission in order to grasp the strategic intentions of the Party Central Committee and the Central Military Commission and firmly and consciously implement them.

3.2 The Combination of "Full" and "Professional" is the Necessary Way to Cultivate Graduate Students

3.2.1 Broaden the Comprehensive Knowledge Level of Graduate Students

The free and comprehensive development of human beings is the ideal goal pursued by Marx and Engels. Social development is, in the final analysis, human development. This is especially true for graduate students as highly educated talents. In the cultivation of graduate students, it is necessary to establish the concept of humanistic talents, not only pay attention to the improvement of their scientific and cultural level, academic level, work ability and other solid qualities, but also pay attention to the improvement of their soft qualities such as ideology, aesthetic sentiment, moral sentiment, and integrity of personality. Proceeding from human nature, from the pursuit of human values and spiritual needs to improve the overall comprehensive quality of graduate students, it is necessary to encourage postgraduates to study across disciplines, and conduct regular comprehensive knowledge and ability competitions among postgraduates to make them comprehensive talents.

3.2.2 Train Graduate Students with Strong Professional Skills

Excellent professional and technical quality is the foundation of postgraduate training and development. With the rapid development of science and technology, the speed of knowledge obsolescence is getting faster and faster. Graduate students must continuously strengthen their studies and update their knowledge in order to keep up with the rapid development of the times and not be eliminated by the times. Postgraduates must not only study in colleges, but also in their jobs, establish the concept of "lifelong learning" and learning is work. It is necessary to actively adopt and promote the training model of "mentorship system". On one hand, the tutor shall be the person in charge of the graduate students and do a good job in the overall work of the graduate students; on the other hand, the seniors of the same major should also exert their subjective initiative, take the initiative to intervene and introduce to the graduate students professional knowledge in related fields will help graduate students study without reservation and make up for the details of supervisor management.

3.3 Innovative Mechanism and Targeted Training Are the Key to Postgraduate Training

3.3.1 Shift from Cultivating Experienced Talents to Cultivating Innovative Talents

It is necessary to reform the traditional teaching system that only values knowledge transfer, despise ability training, especially despise the cultivation of graduate students' creative ability and

construct military education that is conducive to the cultivation of graduate students' innovative ability in teaching content, teaching organization, and teaching management and meets the needs of future military struggles new system. On one hand, the postgraduate training mechanism should be appropriately adjusted to open up “green channels” for innovative talents, enhance the awareness of postgraduates' innovative ability, and tap the creative potential of postgraduates; on the other hand, it is necessary to formulate evaluation criteria and material rewards to encourage postgraduates in scientific research to pay more attention to economic benefits, social benefits and innovative value at work.

3.3.2 Taking Major Engineering Talents as a Breakthrough Point for Postgraduate Training

With the acceleration of the construction of a new combat force system, the task of talent construction is very arduous, and it is very difficult to realize the pre-position of talents in an all-round, structured, and systematic manner in accordance with time nodes. For this reason, in the cultivation of graduate students, it is necessary to combine theory with practice, adhere to the integration of key breakthroughs and overall improvement, and make the major special talents with the most complete majors, the most demanding, the most difficult, and the heaviest tasks as the overall postgraduate training and lead the development of talents for other combat forces, thereby achieving a leap in overall construction.

3.4 Innovative Spirit and Realistic Attitude Are the Key Points of Postgraduate Training

3.4.1 Innovative Spirit is the Prerequisite for Graduate Students

Innovation and knowledge are not a simple correspondence. Innovation is the embodiment of the vitality of knowledge with distinct intellectual qualities. First of all, it is necessary to guide graduate students to master the scientific way of thinking and learn innovative thinking. Through the adjustment of courses, graduate students can master the thinking mode closely related to innovative thinking. Second, it is necessary to guide graduate students to learn to learn and improve their ability to acquire knowledge. We must focus on mastering key knowledge, including core knowledge and cutting-edge knowledge. Such key knowledge often contains high innovation potential and has the greatest value. It must be good at identifying and acquiring it from fine works, high-quality periodicals, newspapers, and the Internet. Third, it is necessary to improve the ability of graduate students to apply knowledge and then innovate knowledge. It is necessary to be proficient in various advanced information processing methods to improve the ability to collect and organize data and information; to enhance the training and excavation of research creativity to improve the ability to activate and integrate knowledge.

3.4.2 A Realistic Attitude is a Supplement for Graduate Students

Seeking truth from facts is the core content of our party's ideological line, and it is also the party's fine traditions and the political character that Communists should possess. Postgraduate study involves all aspects, not only borrowing the research results of others, but also having innovations in their own research results. This requires that postgraduate studies must be truth-seeking and pragmatic, and always insist that everything is based on reality, and there must be no floating or falsehood. First of all, postgraduate studies should be quoted truthfully and reasonably. When writing thesis, graduate students must respect the research results of their predecessors, draw lessons from them truly, effectively and fully demonstrate. Secondly, postgraduate studies must do practical things and put an end to fake things. When determining the direction of research, graduate students must choose a forward-looking and meaningful direction for national defense, and never choose a direction that is flashy and lacks connotation. Third, graduate study must be realistic and fruitful. Whether the research results are true and effective, whether they are required for combat, and whether they can stand the test of history and actual combat.

3.5 Excellent Physical and Mental Quality is a Necessary Condition for Postgraduate Training

With the rapid changes of the times and the transformation of combat effectiveness generation models, the training objectives of graduate students are facing changes. Whether it is a military command graduate student or a professional technical graduate student, they should not only have a strong physique and good psychological quality, but also strong self-rescue and mutual rescue capabilities and the ability to manage the health of the army. To win a local war under high-tech conditions, one must possess good physical and mental qualities. From the perspective of practicality and pertinence, postgraduates should be strengthened to cope with, adjust and defend themselves against psychological stress, emotional disorders, and negative life events. We must pay attention to introducing postgraduates to bad behaviors that are closely related to human health, and help postgraduates recognize their behaviors, reform behaviors, and ultimately change behaviors.

Speeding up the transformation of the mechanized combat power production model to the informationized combat power generation model is not only a due meaning of the military revolution with Chinese characteristics, but also an important issue for promoting the construction of our army's informationization. As an important talent in the development of the military, postgraduates shoulder the historical responsibility of building national defense and completing the transformation of combat effectiveness production models. We will continue to deepen our understanding of the regularity of postgraduate training in military academies, and strive to cultivate a group of high-quality new professional talents to accelerate the transformation of our military's combat effectiveness generation model.

References

- [1] Bao Daping, Liu Ze, Lu Guocang. Some thoughts on transforming postgraduate management education into military combat effectiveness[J]. Social Sciences, no.02, pp.161-162, 2012.
- [2] He Baomin. Military school graduate students should highlight the cultivation of military and political quality and innovative ability [J]. Degree and Postgraduate Education, no.5, pp.46-49, 2008.
- [3] Wu Kun, Zhou Hengshun. Thoughts on the transformation of educational and scientific research capabilities of academies to military combat effectiveness [J]. Naval Academy Education, vol.21, no.01, pp.29-30, 2011.