

# Analysis on the Implementation Effectiveness and Optimization Strategies of Medical Student Financial Aid Policies in the New Era

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**Abstract:** Higher education has entered the stage of popularization. Medical education bears the dual attributes of elite cultivation and people's livelihood security, and the effectiveness of its financial aid work is directly related to the fairness and stability of the construction of medical and health talent teams. In the new era, college student financial aid has transformed from a single "economic relief" model to a core orientation of "integrating financial support with talent cultivation". Combined with the distinctive characteristics of medical education, such as long academic system, heavy academic burden and strict professional ethics standards, this paper conducts an in-depth analysis of the effectiveness and practical shortcomings in the implementation of current financial aid policies for medical students in universities. It strives to break the fragmentation dilemma of traditional financial aid, build a new integrated system of financial support that integrates material assistance, moral edification, capacity empowerment and spiritual motivation, and provide institutional guarantee for cultivating the main force of a Healthy China who are noble in medical ethics and proficient in medical skills.

**Keywords:** Medical colleges and universities; Financial aid policy; Effectiveness; Optimization strategy

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Medical education serves as the cornerstone of the health and wellness sector. Cultivating a sufficient and high-quality healthcare workforce has become a critical imperative for the industry's development in the new era. However, the prolonged duration of medical programs, high tuition fees, and intense academic pressure place an economic and psychological burden far exceeding that of students in other disciplines—particularly on rural and low-income families' children. As a vital pillar of educational equity, national student financial aid policies play an indispensable role in ensuring smooth enrollment and completion of medical studies. Aligning with the reform direction of modern medical education, integrating financial aid with the cultivation of medical professionalism, and advancing from "supportive aid" to "developmental aid" have emerged as urgent priorities for addressing the current challenges in higher education financial assistance.

## 1 Analysis of the Implementation Effectiveness of Medical Student Financial Aid Policies

In recent years, the state has established a comprehensive financial aid system in higher education, encompassing six dimensions: scholarships, loans, grants, work-study programs, subsidies, and tuition reductions. For the special group of medical students, universities have strictly implemented national policies, steadily fulfilling the commitment of "ensuring no economically disadvantaged student drops out of school." Significant achievements have been made in financial aid efforts to date.

### (1) The coverage of the funding system continues to expand

Nowadays, more and more medical impoverished students are included in the scope of university funding, and their right to education is effectively guaranteed. For majors with long education systems such as clinical medicine and traditional Chinese medicine, the government has established a special financial allocation mechanism. By increasing the amount of graduate scholarships and optimizing the national student loan policy, the tuition burden of medical students has been effectively reduced. Guided by the concept of "precise funding", universities have leveraged big data technology to build cross departmental data sharing platforms, achieving precise integration between low-income family databases and student information in departments such as civil affairs, poverty alleviation, and the Disabled Persons' Federation. Many universities have implemented invisible funding models, providing living allowances to economically disadvantaged students by analyzing their cafeteria consumption data. This not only maintains the dignity of students, but also achieves the effect of "precision drip irrigation". This paradigm shift from "people looking for policies" to "policies looking for people" has significantly improved the timeliness and accuracy of funding work, allowing funding resources to more efficiently benefit medical students in real need.

### (2) The funding is gradually increasing

In recent years, the funding system for medical students in universities has been continuously improved, effectively alleviating the economic burden on impoverished students. There are many medical courses and high practical requirements, and students have almost no spare time to support their living through part-time jobs. The increase in national scholarship standards and the establishment of school level special scholarships provide basic living guarantees for the vast majority of economically disadvantaged students. The policy of extending the repayment period of national student loans and compensating for grassroots services has further dispelled students' concerns about borrowing and established a system environment of "daring to borrow and being able to repay". Especially for clinical medicine master's and doctoral students, the significant increase in national scholarship standards has enabled them to overcome their livelihood difficulties and fully devote themselves to scientific research, innovation, and clinical practice, providing important support for the stability of the medical high-level talent team.

However, there are still structural shortcomings in the implementation of funding policies, such as a tendency towards egalitarianism in resource allocation and insufficient precision in providing differentiated assistance to "extremely difficult" and "generally

difficult" students. Some inclusive policies have not fully considered the additional costs of transportation, accommodation, and other expenses incurred during medical student internships, and the funding distribution is mostly concentrated at the beginning or end of the semester, which does not fully match the cyclical fluctuations in students' academic pressure. These issues constrain the maximization of funding benefits and urgently need to be addressed through mechanism innovation.

## **2 The logical thinking of the four-dimensional integration mechanism of "poverty alleviation, wisdom, aspiration, and heart support"**

Traditional medical student aid mostly stays at the single level of poverty alleviation of "giving money and materials", failing to break through the limitations of material assistance. The particularity of the medical profession determines that practitioners not only need exquisite medical skills (wisdom), but also carry lofty aspirations (aspirations) of saving lives and helping the wounded, as well as a benevolent heart (heart) of benevolence and helping the world. Therefore, building a four-dimensional integration mechanism of "poverty alleviation, intelligence support, aspiration support, and heart support" is an inevitable direction for medical student funding work in the new era.

Among them, "poverty alleviation" is the key to laying the foundation, and the core lies in solving the survival dilemma. Medical education has the characteristics of long cycle and large investment. Without solid material support, impoverished students are easily forced to interrupt their studies during a five-year or even eight-year learning process. Poverty alleviation is not simply about providing funding, but about building a solid education equity safety net to ensure that economically disadvantaged medical students can complete their studies without worries.

As the core, 'supporting intelligence' directly refers to the development demands of medical students. The value of funding is not only to ensure the completion of one's studies, but also to assist in achieving academic success. This requires precise allocation of funding resources towards academic improvement and professional capacity building, such as supporting research start-up funds, subsidizing participation costs in academic conferences, supporting the purchase of professional books and materials, and issuing skill training subsidies. Through such targeted funding, the professional competence of medical students can be strengthened, fundamentally cutting off the intergenerational transmission of poverty and significantly enhancing their future career competitiveness.

'Fuzhi' injects spiritual motivation into the growth of medical students and solves the problem of career confusion. The path of medical career is long and arduous, and it cannot be separated from the support of firm professional beliefs. The key to Fuzhi lies in guiding medical students to establish a positive outlook on talent and career development through policy guidance, encouraging them to go to the grassroots, root in difficult areas, and serve areas urgently needed by the country. Policies such as establishing special scholarships for grassroots services and promoting compensation for grassroots employment can not only awaken medical students' patriotism and sense of social responsibility, but also promote their personal ideals to resonate with the development of the national health industry.

'Heart support' can be regarded as the soul of the four-dimensional mechanism, which directly points to the fundamental growth of medical students. The essence of medicine is "human learning", and the compassion of doctors is the foundation of their profession. The focus of heart support is on the psychological health and professional ethics cultivation of medical students. Economic hardship can easily lead to negative emotions such as inferiority and anxiety. If not promptly alleviated, it may evolve into alienation or even resistance to society, which is undoubtedly a fatal danger for future doctors who need to face life directly. Therefore, supporting the heart requires professional psychological counseling, integrity education, and gratitude cultivation to help medical students shape a healthy mentality of self-esteem, confidence, rationality, and peace. It is even more important to nourish their compassionate background, so that they can treat patients with warmth in the future.

These four dimensions are not isolated and fragmented, but rather interpenetrate and organically unified. Poverty alleviation is the fundamental premise, supporting intelligence is the fundamental path, supporting aspirations is the spiritual driving force, and supporting hearts is the moral foundation. The construction of a four-dimensional integration mechanism will completely break the limitations of traditional funding in a "one-way" manner, and create a new pattern of all-round and full process education.

## **3 Enhancing intelligence and skills, guided by academic and career development as a strategy for improving abilities**

In the four-dimensional mechanism of "poverty alleviation, intelligence support, aspiration support, and heart support", "intelligence support" is the core link connecting economic assistance and career development. Given the heavy workload and high professional skill threshold of medical students, the funding work needs to shift from "blood transfusion" assistance to "hematopoietic" empowerment, with a focus on enhancing their professional core competitiveness.

(1) Establish a special funding fund for academic development and innovation capabilities

In addition to regular funding such as national scholarships, universities can establish special projects such as the "Medical Research Innovation Fund" and the "Clinical Skills Enhancement Plan" based on social donations. Key support will be given to medical students from economically disadvantaged families who excel in both academics and character. They will be encouraged to participate in university innovation and entrepreneurship training programs, conduct research projects with their supervisors, and receive special scientific research awards for students who have published high-level papers and successfully applied for patents. This type of targeted funding directly targets the improvement of academic abilities, helping disadvantaged students make up for their shortcomings in accessing educational resources and laying the foundation for their subsequent further education or career development.

(2) Building a comprehensive skill training funding system

Medicine has strong practicality, and clinical skills training often involves expensive simulation equipment, consumables, and additional training expenses. These "hidden educational costs" should be included in the scope of funding coverage. For example, students can be supported to participate in clinical skills competitions, simulated diagnosis and treatment training, and reimbursement for essential professional tools such as stethoscopes and percussion hammers. To meet the needs of further education or international development, we provide free language training (to assist in preparing for IELTS and TOEFL exams), review materials for postgraduate and doctoral exams, and pre-exam coaching assistance. These precise "supporting intelligence" measures can effectively prevent economically disadvantaged students from missing out on opportunities to improve their skills due to lack of funds, and help them compete fairly with other students on the same starting line.

(3) Implement mentorship and paired assistance plan

'Fuzhi' is not simply about financial support, but also requires strengthened and precise guidance. Universities can implement a "subsidized mentorship system" and invite renowned doctors, teachers, and economically disadvantaged students to pair up, providing both academic guidance and specialized consultation on career planning and life choices. At the same time, we will establish a "student assistance and mentoring" platform to encourage outstanding students in higher grades to pair up with disadvantaged students in lower grades and share their learning experiences and materials. This two-way empowerment atmosphere can effectively solve the academic difficulties caused by information barriers among impoverished students and build a healthy academic inheritance ecology.

#### 4 Fusing aspirations and forging souls, guided by the value strategy of serving the grassroots

The core of 'Fuzhi' is to guide medical students to establish lofty ideals and integrate personal growth into national needs. The public welfare nature of medical education determines that funding policies can become an important lever to leverage the rational flow of talent.

(1) Strengthen policy guidance, improve grassroots employment incentives and compensation mechanisms

In response to the national policies on compensating tuition fees and student loans for grassroots employment of college graduates, universities need to further strengthen their publicity and implementation effectiveness. In propaganda, it is not only necessary to clarify the economic benefits of policies, but also to deeply explain the unique value of grassroots practice for personal career growth. At the same time, a "Special Scholarship for Grassroots Medical Services" can be established to provide a one-time reward to medical students who voluntarily seek employment in township health centers, community health service centers, and central and western medical units. By combining economic incentives with honorary recognition, we strive to create a value orientation of "rooting in the grassroots and serving the grassroots with honor", guiding medical students to actively connect with the national grassroots medical needs.

(2) Explore the power of role models and promote the deeds of outstanding students who have received assistance

Role models are concrete philosophies. Universities need to dig deep into typical cases in the medical field, such as those who come from humble backgrounds and strive to become medical experts, or those who have outstanding achievements in grassroots work, all of whom can be set as benchmarks. Set up sharing sessions such as "Inspirational Lecture Hall" and "Famous Doctors' Path to Success", inviting outstanding alumni to share their hard work experiences, especially to promote the responsible deeds of young doctors in major public health events such as epidemic prevention and control, earthquake relief, etc. By sharing stories with people around us, we aim to inspire the passion and sense of professional honor among medical students from humble backgrounds, and establish a career ideal of "eliminating human suffering and promoting perfect health".

(3) Deeply integrate funding work with career planning education

The implementation of funding policies needs to be integrated into career planning guidance. Targeting lower grade medical students, we focus on professional ideological education, explaining the sanctity and hardships of medicine, and cultivating a spirit of hard work and perseverance. For senior students, we focus on analyzing the employment situation, guiding them to view the job market rationally, adjust their employment expectations, abandon the blind obedience mentality of clustering in top tier hospitals in big cities, and encourage diverse career choices and striving for positions that meet the needs of the motherland. Through comprehensive career guidance, we aim to deepen and implement the work of 'supporting aspirations'.

#### 5 The cultivation strategy of cultivating qualities with a heart of benevolence as the core, focusing on nurturing the heart and cultivating virtue

The core essence of medical education is the compassion of doctors. Medical students from financially disadvantaged backgrounds often develop negative emotions such as psychological sensitivity and inferiority due to the lack of material resources, and even develop utilitarian ideas, which are hidden obstacles to their growth into good doctors. From this, it can be seen that doing a good job in "supporting the heart" is an important difficulty that must be overcome in funding and assistance.

(1) Establish a psychological dynamic monitoring and intervention mechanism for assisted students

Medical students face heavy academic burdens and intense academic competition, making them more susceptible to psychological imbalances due to financial difficulties. The funding work needs to prioritize mental health education, and universities can rely on psychological centers to establish exclusive psychological records for assisted students and conduct regular assessments. Timely provide individual counseling or group counseling for students with anxiety and depression tendencies identified through screening. At the same time, we will establish a "spiritual station" to provide anonymous psychological assistance, with a particular focus on students who have experienced sudden family changes that have led to poverty. We will implement emergency psychological crisis intervention to help them overcome the darkness and regain confidence.

(2) Carry out integrity education and gratitude feedback activities

Honesty is the foundation of medical ethics, and gratitude is the source of benevolence for doctors. Funding is not a one-way gratuitous provision, but rather a process of nurturing the spirit of contract and responsibility in education. When issuing student loans and grants, it is necessary to simultaneously promote honest repayment and academic integrity education, so that medical students understand that credit is the foundation of their livelihood. At the same time, we advocate that aided students participate in public welfare and form "Medical Student Love Propaganda Team" and "White Coat Volunteer Service Team". During weekends and holidays, we will go deep into communities, nursing homes, and welfare homes to carry out volunteer activities such as free consultation, emergency science popularization, and health education, so that they can gain a sense of value in helping others, heal their psychological trauma of inferiority, and cultivate a sense of benevolence and love.

## 6 Conclusion

The new era endows medical education with a new mission and also puts forward higher standards for medical student funding. Transitioning from a single focus on "poverty alleviation and assistance" to a four-dimensional synergy of "poverty alleviation, intelligence support, aspiration support, and heart support" is not only an inevitable choice for universities to implement the fundamental task of cultivating morality and talents, but also a necessary path for cultivating high-quality medical talents with both morality and talent. In the future, with the deepening of funding work and intelligent upgrading, it will undoubtedly demonstrate profound value in promoting the construction of a "Healthy China" and promoting educational equity.

## References

- [1] Zhu Yuxuan Exploration of the Optimization Path of Ideological and Political Education for Higher Vocational Medical Students in the New Era[J]. Science and Education Guide, 2025, (17): 73-75.
- [2] Xu Chunfang, Li Jun Research on the Path of Innovation and Entrepreneurship Education for Medical Students in the New Media Era[J]. Henan Education (Higher Education), 2025, (04): 59-61.
- [3] Yin Mengchen Research on Cultivating Medical Students' Sense of Responsibility[D]. Anhui Medical University, 2024
- [4] Li Kuigang, Ma Shunyuan Exploration of cultivating the sense of responsibility among medical students in the new era[J]. Health Vocational Education, 2023, 41(17): 33-34
- [5] Wang Shuhui, Zhao Zhen Research on Cultivating Medical Students' Sense of Responsibility in the New Era[J]. Health Vocational Education, 2023, 41(04): 66-68
- [6] He Wenbo Exploring the Path to Enhancing Innovation and Entrepreneurship Abilities of Medical Students in the Post Pandemic Era[J]. Journal of Huainan Vocational and Technical College, 2021, 21(03): 67-69
- [7] Lian Wei, Yao Bingyang Exploration of the Path of Innovation and Entrepreneurship for Medical Students in the New Era[J]. Modern Medicine and Health, 2021, 37(05): 848-851
- [8] Zhang Fangqi, Zhang Jiutao, Sun He, Jiang Yuteng, Liang Bo Exploration of the cultivation path of innovation and entrepreneurship spirit among medical students in the new era[J]. Chinese Market, 2021, (08): 175-176.
- [9] Wu Jianzhang Research on the Construction of Innovation and Entrepreneurship Policy Ecosystem for Medical Students in the New Era[J]. Journal of Jinzhou Medical University (Social Sciences Edition), 2019, 17(02): 32-35