

# Research on Improving the Quality of University Librarians under the Background of 5G Era

Ying He

Shandong Youth University of Political Science, Jinan Shandong 250103, China

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**Abstract:** With the advent of electronic information era to accelerate the rapid development of Chinese higher education, university libraries to enhance, support and rapid development of higher education to provide a good guarantee. Because of the rapid spread of modern information technology, the library management of modern colleges and universities and library management personnel's comprehensive quality and service quality caused a very big challenge. Therefore, this paper mainly from the electronic information age of university library characteristics, future development and promotion of specific ways to analyze how to make university library management work in the smooth development of the rapid improvement of the comprehensive quality of university library personnel to carry on the research.

**Keywords:** University librarians; Quality improvement; Research

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University library is not only the key site with rich cultural resources, but also the key place to effectively meet the daily reading needs of teachers and students. Therefore, under the background of the increasingly rapid development of information technology, library management personnel in colleges and universities also need to improve their professional quality and management ability, so that the library management work can better adapt to the progress and development of The Times.

## 1. Characteristics of university libraries in the information age

The advent of 5G network technology will accelerate the university library into the "smart library" era, which will inject new vitality to the construction of university libraries. In order to meet the specific functions of university libraries in the new era, it is necessary for university librarians to keep pace with The Times and fully adapt to the great changes brought by information technology to libraries. At present, there are nearly 3000 kinds of colleges and universities in our country. The level of running a school, the scale of running a school and the level of running a school among colleges and universities have great difference or disparity. The library of colleges and universities, as an institution or business department of colleges and universities, also has difference or disparity <sup>[1]</sup>. But there are a few things in common:

1.1 Upgrading of hardware infrastructure. In recent years, many colleges and universities have made large-scale investment in their libraries and digitized their infrastructure, which provides good conditions for the development of libraries.

1.2 The literature carrier has achieved a great transformation. Traditional libraries mainly store printed documents as the main function. With the application of digital technology, the library collection structure has changed, especially after the emergence of a large number of digital documents, library work has formed a network of access, carrier diversification, high-speed transmission situation.

1.3 Comprehensive progress in service concept. The idea of "making the library accessible to every university teacher and student" is well received, and its fundamental goal is to serve the interests of teachers and students. And these value-added service modes put forward higher requirements on the subject expertise, service consciousness and learning ability of library staff.

1.4 Information requirements become "one-stop". In recent years, the cultivation of applied talents has become a focus of higher education. Therefore, there is an urgent need for library staff to change the service methods, by providing one-stop service, more simple, fast, accurate transmission of information.

## **2. The future development of university libraries needs higher quality librarians**

The form of the future library is virtual library and electronic library which need a large number of information knowledge navigator and information access engineer

2.1 All colleges and universities are building virtual libraries. The characteristics of virtual libraries are based on the network. Virtual libraries do not exist in the form of material entities without library buildings or books.

2.2 Electronic libraries store literature contents electronically (digitally) and provide retrieval and utilization systems. The titles of librarians have changed with the progress of The Times <sup>[2]</sup>.

Therefore, no matter what the form of the future library is, the librarians in the future era should have the corresponding professional knowledge and skills, as well as professional quality, improve the ability in work, and promote the development of the library cause.

## **3. Ways to improve the comprehensive quality of university librarians**

### **3.1 Improve the position of libraries in the development of colleges and universities, and solve the problem of personnel marginalization**

University library is an important institution supporting teaching and research, and has a close relationship with subject construction. Colleges and universities should attach great importance to the importance of libraries in the development of colleges and universities so as to ensure the continuous development and steady improvement of academic research and teaching activities of teachers and students. According to the survey of colleges and universities, only 32 out of 137 universities and colleges explicitly mention library-related content in their development planning <sup>[3]</sup>, and the more prominent content is the lack of library digital construction. Therefore, the university library should find its own position, pay attention to its own development, and formulate the construction strategy of the university library.

### **3.2 Subject librarians should continue to develop in the direction of specialization and improve the degree of subject matching**

According to the members of the National Education Association of the United States, the characteristics and standards of professionals are summarized and widely recognized by the society. The construction of subject librarians in university libraries also needs to improve the professionalization, educational background, job level and the matching degree of subject, so as to attract talents with professional subject structure into the subject librarian team. Truly establish a set of scientific, reasonable, professional, professional and stable subject librarian system in university libraries <sup>[4]</sup>.

### **3.3 Librarians should constantly "embed" the teaching and scientific research of the school, and create "platform service" of literature resources**

The concept of "embedded" and "disciplinary-oriented" library service first appeared in the report "The Change of the Role of Subject Librarians" published by the Association of American Research Libraries. This kind of embedding mainly means that "subject librarians should embed themselves in the process of users' research, teaching and learning, and establish a new mode of participating in users' academic behavior". Such service changes the original document information resource-centered mode to user-centered, requiring subject librarians to build a comprehensive academic platform for information resource provision, evaluation and analysis, and recommendation and reference centering on users. In the current era of intense impact of information, the number of various literature and information resources is huge and complicated. With the continuous refinement of discipline system division, the purpose of knowledge and information demand is also continuously enhanced. Therefore, the "disciplinary", "embedded" and "platform" services supported by subject librarians will become an important development trend.

### **3.4 Establish a systematic and complete training system for subject librarians to improve the level of education**

In the process of establishment and development of subject librarian system, it is necessary to establish a set of training system with clear steps, detailed time, scientific and reasonable, including attending professional meetings, reading relevant professional literature, undertaking scientific research projects, writing articles and reports, and so on, in combination with individual situations of specific librarians and actual work contents. The system ensures that subject librarians can improve and perfect their subject service ability according to the development of subject.

### **3.5 Support promotion channels such as professional title evaluation for librarians to build a sense of professional belonging and happiness**

Compared with the diverse work of university teachers and students, the work of library and materials management is really monotonous and boring. In the process of its work, it is difficult to keep enough enthusiasm for work and lack of enough professional spirit. We believe that a scientific and appropriate reward and punishment system should be introduced for this work, so that its employees can get corresponding rewards when they work actively, and bear corresponding punishment for their irresponsible work attitude when they neglect teachers and students or have poor service attitude. At the same time, create conditions to support the promotion of librarians' titles and positions, so as to ensure that librarians can improve their own comprehensive quality to a greater extent. In the process of improving the comprehensive quality of library staff, we should pay attention to creating the sense of professional belonging and happiness of staff.

### **3.6 Regularly organize library administrators to attend training and further study**

Library information management is a science with strong application and professionalism, which requires high technical operation ability and practical operation ability. Therefore, universities should provide them with technical operation and practical opportunities to lay a solid foundation for library management. University librarian is the manager of books, but also another sense of human soul engineers. Improving the quality of university library management personnel is of great importance to the whole university. Every librarian should have a wealth of library management knowledge, good working attitude, can better serve the student group.

## **Conclusion**

With the development of the library in the future, the change of the goal of modern higher education, the development of science and technology, the further play of the functions of university libraries, and the further work of libraries, all these need high-quality librarians. In order to better adapt to this change, it is necessary to strengthen the quality of university library personnel, so that they can master the cutting-edge knowledge and advanced technology, so that they can better put into the specific work.

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## **About the author:**

Ying He (1973.01-), female, Han nationality, born in Jinan, Shandong Province, bachelor degree, intermediate librarian of Shandong Youth University of Political Science. Research direction: Library development and future trends.