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New Investigation of Subject Librarian Service Mode in Nanjing Agricultural University

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Abstract

There are some problems and deficiencies in the development of subject librarians service of Nanjing Agricultural University in the process of educational internationalization and globalization. Proposed some improvement measure. Especially subject librarians take part in library resources collection, information literacy teaching, academic research, combined with some practice, and make some suggestions for improvement.

1. Introduction

With the development of Chinese higher education, the rapid improvement of the level of teaching and scientific research, the process of internationalization of education is also accelerated. Nanjing Agricultural University (NJAU) proposed to established first-class agricultural university as its teaching and scientific research goal in 2012. Library as a center of teaching and research service of the literature information security, the traditional service way is not able to meet the needing of teaching and academic research under globalization background [1]. Digital, network, compound direction of the development ideas, led subject librarian service model greatly change, make a higher demand for the subject librarians' service.

1.1. The Study of Subject Librarian Abroad

The study of subject librarian first originated in the United States, the library of university Nebraska set up a branch library and equipped with subject librarian in 1950, Norwegian scholar B. Wiik published papers to mention subject librarian in 1970 [2]. The Carnegie-Mellon University library launched the "track service". In 1981, the role of subject librarians developed most rapidly in the 20th century.

1.2. Subject Librarian Current Situation in China

Compared with abroad and Chinese well-known universities, the development of Chinese agricultural universities started late [3]. we surveyed 14 Chinese agricultural universities from the aspects of subject librarians' construction, webpage introduction, contact way, the number of subject librarians, duty introduction, service department by surveying, looking through the website, information retrieval.

Table 1. Subject Librarian Situation in Chinese Agricultural University.

Subject Librarian Situation in Agricultural University of China				
University	Subject librarian Construction	Website Introduction	Contact; Number of Subject Librarians	Duty Introduction; Service Department
Chinese agricultural university	yes	yes	yes 20	yes 15
Nanjing agricultural university	yes	yes	yes 9	yes 22
Huazhong agricultural university	yes	yes	yes 12	yes 12
Gansu agricultural university	yes	yes	yes 22	yes 22
Inner Mongolia agricultural university	yes	yes	yes 12	yes 22
South China agricultural university	yes	yes	yes 7	yes
Anhui agricultural university	no	no	no	no
Jilin agricultural university	no	no	no	no
Hunan agricultural university	no	no	no	no
Yunnan agricultural university	no	no	no	no
Shang dong agricultural university	no	no	no	no
Shang xi agricultural university	no	no	no	no
Northeast agricultural university	no	no	no	no
Sheng yang agricultural university	no	no	no	no

2. Problems and Deficiencies

Through the survey of 14 agricultural university, 42% agricultural university mentioned the subject librarians, the majority of university did not mention, through the website of the survey found that the proportion between the number of subject librarians and services college in six university. Shown in Table 2.

Table 2. The Ratio of Subject Librarian Service College in Six University.

University	CAU	NJAU	HZAU	GSAU	IMAU	SCAU
Librarian/college (%)	133	40	100	100	54	46

The number of subject librarians also reflects the status of the subject services in agricultural university and the degree of paying attention to [4].

2.1. Knowing Subject Librarian Very Little

In developed countries such as Europe and the United States, faculty and students have a deeper understanding of the subject librarian system and have active interaction in learning,

teaching and research. The subject librarians will contact students and faculty on time, know what kind of information resources they need to them retrieval the latest academic literature [5]. But in our university, most of students and faculty know less about subject librarians, and their duties, even some students did not know what is subject librarian. In view of this situation, we issued 100 questionnaires, get back 100, of which 96 is valid, shown in Table 3.

Table 3. Survey on Subject Librarians' Understanding and Satisfaction of Service Attitude and Quality.

	Subject librarians' Satisfaction of Service Attitude and Quality				Subject Librarians' Understanding	
	Very satisfied	satisfied	normal	Not satisfied	Know about	Not Know about
faculty	0.0%	27%	25%	0.0%	27%	73%
doctor	0.0%	50%	18%	0.0%	38.6%	61.4%
master	4.4%	10.4%	50%	0.0%	37.5%	62.5%
bachelor	4%	35%	24.4%	0.0%	25%	75%

2.2. The Scope and Level of Subject Service to Be Improved, Extended

Nanjing agricultural university have established the subject librarian system in 22 college, such as agricultural, resource and environment science, animal science and horticulture college. The service mainly focus on “liaison”, the connection with the college, training undergraduate, information retrieval and the other simple services, but it is carried out less in advanced service such as the resource collection, dealing with, research on the subject, fixed project service, the results of evaluation forefront of academic research

3. The Development of Subject Librarians Be Inevitable

3.1. Requirement of University Development

NJAU is one of Chinese national key universities, with agricultural and life sciences as its advantage, co-sponsored by Jiangsu province, multi-disciplinary development of the Ministry of Education, “211 project’ university and 985 innovation platform of china”. The working of librarian has not been a simple t passive service model for borrowing and retrieval, gradually become personalized, professional,

deep-level document information service model. it is very necessary to organize a group of subject librarians who are familiar with the existing resources, have a strong literature information retrieval organization ability, understand professional academic field, provide deep level information service work for faculties and students. [6].

3.2. Requirement of Library Development

The library of NJAU established subject service platform, integrated database navigation, subject librarians BLOG, QQ and other online consulting network interactive mode, the

purchase of a digital library with agricultural characteristics, it was established “1902” information space in April of 2013, to provide information interactive place for the majority of teachers and students. There are 79 librarians in our library, as the educational level of librarians is gradually increased (2004-2017), the service of subject librarian is also increased. Service is the soul of the library, especially in demanding the quality of subject librarians, selected librarians who have senior professional titles, good at English, computer and other skills, worked in the library for many years. encourage them to learn and improve their knowledge system and service ability.

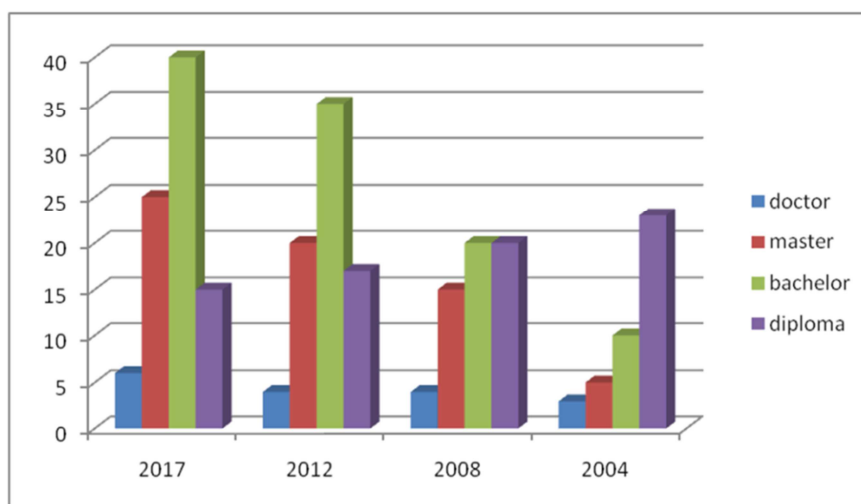


Figure 1. Educational Level of Librarians of Nanjing Agricultural University (2004-2017)

4. Strengthen Cooperation Between the Subject Librarians and Readers

The subject service throughout the whole process of student study, teaching and academic research, can provide suitable services and technical support corresponding to the needing of readers in different stages

4.1. Strengthen Cooperation in Construct Literature Resources

4.1.1. Subject Service Publicized and Spread

Librarians play an important role in buying foreign language books, databases or other resources, they collected the readers' comments, needing, regard readers as basic, take buying electronic data resources as an example, public the announcement that buy electronic resources on the library homepage, http://libweb.njau.edu.cn/asord/asord_hist.php [7] at the same time we publish company profile and list of popular books listing of Elsevier, as for individual faculty's recommendations, we also collected suggestions on the home page of library, such as cell series and Annual Reviews.

We visit the Network CTR and page views after one or two months, call or send e-mail to the library professor to convey the message, asked him to spread the message and collect opinions, subject librarian feedback to relevant departments of library. In addition to, our library also provides

recommendation platform for buying books.

4.1.2. Construct Literature Resources

subject librarians gradually participate in the working of literature and digital resources collection, make reasonable suggestions in management and distribution of the purchase expenditure, the negotiation of orders, selection, evaluation of various kinds of literature resources, subject librarians become and more important in the construction of literature resources of library.

4.2. Strengthen Cooperation with the Teaching

4.2.1. Professional Training

In addition to preparing, updating the reader reference materials of the relevant subjects, library guide, the use of new resources guide, the library of NJAU often organize various readers training in a variety of forms including fresh students training, retrieval of various types of resources and one hour training, etc.

4.2.2. Assist Teaching in Classroom

according to curriculum required, the subject librarian produce its webpages guide, summary relevant bibliography, databases, electronic journals and other types of information resources of curriculum in library and internet, then subject librarian and professional teachers communicate with each other, according to the actual needing of teaching, embedded

one or two courses to help students master professional literature using knowledge and retrieval skills, the rest of the time for students to provide relevant consultation and guidance services, and even some subject librarian will also participate in design and evaluation of student assignments [8].

4.3. Strengthen Cooperation in the Research Field

As the improvement of teaching and research, subject librarians must have a strong academic research capabilities [9]. The research ability directly determine whether he/she can be qualification for the role of subject librarians

4.3.1. Resources Supported Research

It is the first important thing to obtain the latest and most valuable information resources in the preparatory stage. Therefore, according to the content to recommend the relevant books, collect information resources on the internet, do tracking service based on the existing work, research, collection, collation in the relevant towns and companies to know about the latest developments of similar topics in abroad through reading foreign literature, outline the general technical road map of the subject, it will enhance the librarian's perceptual knowledge and sense of responsibility through a period of time efforts

4.3.2. Participate in Scientific Research and Construction

In the course of the project, subject librarians selected topics, give some advice for fixation the topic, at the same time to complete the related data management, combing and analyzing specific areas of research institutions, researchers, highlight hot spots, form a scientific evaluation report, provide the required data information investigation and push the latest project resources for scientific research team. After the completion of this, encourage them to submit paper to the domestic and foreign journals for publication. Subject librarians provide reference and consultation in the paper writing, submit paper, reference forma. So that research results can be published as quickly as possible.

Provide data regulatory archiving services, so that scientific research results are well preserved.

4.3.3. Mutual Improvement

Subject librarians make a habit to ask questions, analyze and solve problems, through participate and cooperate the project. This is also the important goal and direction of the subject service, so that the subject librarians can come to the forefront of academic research, expand the subject librarians' scope of knowledge, they can directly grasp the latest development of academic field, through continuous participating and cooperating it also enhance librarians' ability and quality. [10].

Table 4. The Subject Librarian Collected Suggestions.

Title	The kind of resource	Recommendor	Yes/no
Cell series	Electronic journal		
Annual Reviews	Electronic journal		
Methods in Enzymology	Series of books		

5. Conclusion

With the improvement of teaching and research in our university, the service of our library urgent need innovate and change. The new type of service mode that subject librarians participate in teaching and research is worth recommending and developing, and also give new Vigor and vitality to the subject service. Taking the Nanjing Agricultural University as an example, the subject librarians participate in the construction of the collection resources, the information literacy education, information literacy teaching and the academic research. The interaction relations between project research and information services is not only to improve the working ability and academic level of the librarians, but also to lay a solid foundation for establishing the first-class agricultural university in the future.

References

- [1] Xubanglian. Study on the Service Mode of Subject Librarian in East China University of Technology, 2008 (18): 32.
- [2] Liumin. Study on the Service Mode of Subject Librarian in University Libraries. Documentation & Information Management for Science and Technology, 2011 (2).
- [3] Lihonghao. The Research of Development of Subject Knowledge Service in Agricultural University in China. Journal of Library and Information Sciences in Agriculture, 2013 (25).
- [4] Jingyan. The Working Mode and Existing Problems of Discipline Service in University Library, 2013 (11) 12.
- [5] Zhang li-fang, Deng Ling. Thinking of Subject Service in Academic Libraries—Taking Hainan University Library as an example. Journal of Library and Information Sciences in Agriculture, 2013 (25): 163~165.
- [6] Xubanglian. Study on the Service Mode of Subject Librarian in East China University of Technology, 2008 (18): 32.
- [7] http://libweb.njau.edu.cn/asord/asord_hist.php
- [8] Hong yue. The Introduction to and Thoughts on the Subject Librarian Model in Nanyang Technological University Libraries, Library Journal 2015 (2).
- [9] Baoxingping. Project Research Is Needed for Subject Librarians' First-rate Service. Library Tribune 2008 (28).
- [10] Chen quan song. Practice and Thoughts of Embedded Subject Service at University Libraries, 2012 (56): 83~87.