

**Popova Natalya Olexandrivna**

*Candidate of Philology, Associate professor  
of the Department of Foreign languages № 3,  
Yaroslav Mudryi National Law University,  
Kharkiv, Ukraine  
e-mail: nataliapopova1971@gmail.com  
ORCID: 0000-0002-9563-0894*

## **ROLE OF THE MODERN LIBRARY IN THE DEVELOPMENT OF THE UNIVERSITY RESEARCH**

*The role of the library in scientific and educational space of the university is described. Its mission to support the university teaching and research staff by creating adequate conditions for access to information and library services, forming conditions for the students' effective independent work are elucidated. The role of having a good command in English to realize the best the opportunities given by the library net in the professional and scientific communication is mentioned.*

**Keywords:** *library services, university research, teaching staff, professional development*

Recent transformational processes in the society are related to the changes in modern libraries, as well. The role of the library in scientific and educational space of the university is increasingly reaching the image which is being formed in order to provide a library service worthy of a new user of the digital age.

The issues connected with such development have been under discussion of the interested experts. As it was mentioned in the reports, “libraries are a bridge between the information-rich and the information-poor” [1].

Serious attention to the structure, functions, content of the modern libraries is paid by international authorities involved in library service [1–6].

It should be emphasized that the development of the university libraries represents a special side in this process. The aim of the proposed work is to outline the aspects and prospects of the development of library services related to the higher education establishments.

The prospects of the library development in contemporary education are considered in numerous works [3–9], e.g., Online Computer Library Center (OCLC) [3; 4] elucidates new role of libraries in academic research, and positions

open access and the role of the library as an aggregator of scientific resources, “sources of knowledge on disciplinary norms and practices in research outputs for their institutions” [4, p.11] as the most topical purposes of renovation.

The authors [3–8; 10] accentuate that, nowadays, information-analytical activity and management of electronic resources of libraries comes to the foreground, which includes modern approaches to the formation, processing and storage of information resources, structuring and use of information resources for science and education.

At present, basing on the guidelines of innovations for libraries, the lag from the modern life level in the development of the university libraries in our country is being overcome. The entire system of library resources is being transformed [7; 8; 10], the ‘borders’ of the library space and the very foundations for traditional libraries and their functions are being renovated.

Nowadays there is a radical rethinking of the role of libraries, in particular, libraries of the higher educational institutions for the research and teaching staff, and the students, as well. The authors seek out the properties which should be concentrated in the university library to contribute most to scientific and educational activities.

Libraries as the bookstores have always been the heart of intellectual resources of society, and in particular, focusing aspiration of the intellectual elite. And nowadays, after a period of decline, libraries are experiencing increased interest, and thus expanding the scope and aspects of user interaction [2] as the most popular and universal source of information.

The situation connected with the reform of the higher education system, change in the university status, introduction of new educational standards, all aspects of the activity of any institution, certainly must concern library service, since any university library should be properly considered as a subsystem of the university educational space. The university library is transformed into a subject of education, equivalent to the structures of the university, which interact as partners.

It is obvious, that the users, especially researchers, scholars prefer to use electronic resources, electronic catalogues, electronic library, electronic databases when searching for information. Therefore, in order to improve the quality of library and information services and to create a new information environment, the scientific library of the university has developed a strategy for further, ensuring and expanding access of virtual users to both world and its own electronic databases by operatively filling the information of the database, maintaining adequate electronic catalog and developing new own software products [7; 8; 10].

The university library, adapting to the modern transformation processes either in society, education or science, changes its image to meet the requirements of current time and the development of university science. It becomes common that modern reader needs opportunities, not just a book to borrow.

The mission of the university library is to provide up-to-date service to support the learning, teaching and research objectives of the higher education institution; to develop and maintain access to the collections, either in the home university, or worldwide.

Modern libraries began to introduce information technologies: create electronic catalogues, repository, digitize books and launch Internet analogues, etc. Library expands its services, increase their quality on the basis of new technologies, computerization in the library processes.

It is essential that the university library interaction is coordinated with other structural subdivisions of the University. In the otherhand, it works in collaboration and interaction with libraries of other systems and departments.

One of the most convenient service which may be supplied by a library, it is a simultaneous work with books in this library and access additional data from another library through an interlibrary loan network. Corporate activities of the university scientific libraries need to be expanded the not only with the other national or city libraries, but also in the international library network to receive the data quickly.

As the researchers mentioned, the most important indicators for assessing the efficiency and quality of libraries are: 1) the user satisfaction with library services in general or different services separately; 2) the speed of the interlibrary loan; 3) access to automated systems available, etc. [10, p.1].

It is significant, that now our city is involved in an innovative project "Single Card Reader", which provides access to funds and electronic resources through free service in the reading rooms of the libraries of higher educational institutions that joined the project, using the virtual map of the project participants.

Naturally, the interlibrary loan system has been working on routine basis for a long time, but nowadays it opens huge possibilities for e-users of university libraries as for electronic and digital services – electronic access and electronic document delivery which can be used by scientists, teachers, postgraduate students, students, and institutions.

Comprehensive electronic resource system, virtual book exhibitions, reviews, presentations provide information both on educational literature in the disciplines and on the research fields of the university science and research, in accordance with the standards of the university training field. The library educational and informational Internet portal of the University is being updated permanently.

The university library functions to improve its services for assistance to the university science adaptation in global information space over the national and cultural boundaries.

Thus, modern university library dismantles its physical boundaries, passing from real space to virtual, integrates into virtual space, showing the success of the scientific library. It offers the scholars an access to information resources in other libraries, and becomes interactive, digitizing own funds and collaborating with other libraries via the Internet.

With the transformation of libraries in higher education, many scholars are involved in the simulation of new changes in the functional purpose of the

university library. Library becomes a center of information support of education and research processes.

As it is mentioned by the authors, formation, promotion and use of electronic and traditional information resources in education and scientific space, Internet involvement has greatly expanded search capabilities in library services. The success of library development is determined by the factors associated with the uniqueness of the library, knowledge of the needs of users, interaction with them [10].

Access to the selected by the library databases of foreign electronic scientific and educational resources, remote databases is possible for the university users from the workplaces of the departments of the university due to the library agreements. Such list includes resources, access to which was obtained on the basis of subscription, grants, licensing agreements. Similarly, access to the freely available scientific and educational resources is provided, and their links are given on the library's website.

It should be noted that any university library has a task to select and catalogue its foundations permanently, taking into account the content of the academic disciplines and scientific research directions of the university.

Another important aspect is level of English language proficiency of the research and teaching staff of the university as English is necessary to search and navigate the flow of information in the world to be free in the choice and comprehension. In the modern world, as it was emphasized before, English has become a global tool of intercultural and professional communication. This fact determines the significance of any specific expertise in English language for the research and teaching staff of the university [9, p. 244]. The role of English as medium of professional communication is now increasing to meet the requirements of modern specialists, scholars, students in their career development in the professional field. Thus, it is important for the users of the university library to have a good command in English to realize the best the opportunities given by the

library net for the specifics of the professional field, focus on professional communication [9].

Library gradually transforms to a consulting center, in particular for the university scholars, postgraduates, students. The library improves communication, information and library services for foreign students of the university.

Strengthening the position of libraries in social networks is one more innovative functional aspect of the university libraries by adopting basic patterns of using social networks in information centers and libraries and foreign experience. Specific content is used for the promotion of a university library in social networks.

The best practice means that libraries need to be well informed about the issues with respect to research assessment so they have credibility in their interactions with their institution's research office, becoming "best friends" with colleagues in the research office and researchers, work collaboratively, to work out where "they can add value for their institution and be ambitious for their library" [3, p. 50].

The prospects of the development of the library information space are under discussion in various issues [3–8; 10]. Modern university library facilitates access to the world's research and information space, and it is essential, taking into consideration the current requirements to the level of the university science, in particular, publications. A lot of leading databases are elaborated to be in a good access and work properly as an integrated interdisciplinary research tool to the university staff. It helps to combine the entire search process: the main interdisciplinary content, new trends, content on subject areas, regional materials, research data. So, Web of Science is available for research in the study of citations in different subject areas around the world. It provides related metrics of citing content from different sources in one interface.

HeinOnline, as well, is a premier online database for legal experts. containing resources in legal history and government documents in a fully

searchable, image-based format. It covers a lot of international law-related sources, entire databases, and much more.

Thanks to the university library, the researchers and teachers may enter the Wiley Online Library, ERIC (the Educational Resource Information Center), Library, Information Science and Technology Abstracts (LISTA) etc., which are accessible and provide access to huge resources of information and knowledge.

This interaction between the library and the university in the process of increasing the publication activity of teachers and researchers is very important. It should be emphasized that scientometric technologies also help for assessing scientific activity of the staff.

One of the helpful functions of the scientific library is to participate in joint projects from the side of the university, thus supporting the scientific and education international exchange.

Thus, modern university library functions as a subsystem of the university, responds promptly to the strategically important changes in the university development. Library must play a great role in analytical processing of information, forming scientific library collection, providing access to remote databases that meet scientific research tasks of the creative team of the university. The main mission of the modern university library is to support the university teaching and research staff by creating adequate conditions for access to information and library services, forming information environment. It is essential to create conditions for effective independent work of students. The use of innovative technologies should be applied to develop and support international cooperation of university libraries with libraries of foreign universities, aimed at informational support of research and educational processes.

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**Попова Наталя Олександрівна**  
**РОЛЬ СУЧАСНОЇ БІБЛІОТЕКИ В РОЗВИТКУ УНІВЕРСИТЕТСЬКОЇ НАУКИ**

*Розглядається роль бібліотеки в освітній та науковій діяльності університету. Підкреслено значення університетської бібліотеки для підтримки роботи науково-педагогічного складу університету шляхом створення адекватних умов для доступу до інформації, бібліотечних сервісів, створення умов для ефективної самостійної роботи студентів. Підкреслена важлива роль володіння англійською мовою для найкращого використання науковцями послуг, які надаються бібліотечною мережею для професійної та наукової комунікації.*

**Ключові слова:** бібліотечний сервіс, університетська наука, професорсько-викладацький склад, професійний розвиток.

**Попова Наталья Александровна**  
**РОЛЬ СОВРЕМЕННОЙ БИБЛИОТЕКИ В РАЗВИТИИ УНИВЕРСИТЕТСКОЙ НАУКИ**

*Рассматривается роль библиотеки в образовательной и научной деятельности университета. Подчеркнуто значение университетской библиотеки для поддержки работы научно-педагогического состава университета путем создания адекватных условий для доступа к информации, библиотечным сервисам, создания условий для эффективной самостоятельной работы студентов. Подчеркнута важная роль владения английским языком для наилучшего использования учеными предоставляемых библиотечной сетью услуг для профессиональной и научной коммуникации.*

**Ключевые слова:** библиотечный сервис, университетская наука, профессорско-преподавательский состав, профессиональное развитие.