

REGIONAL INNOVATIONS

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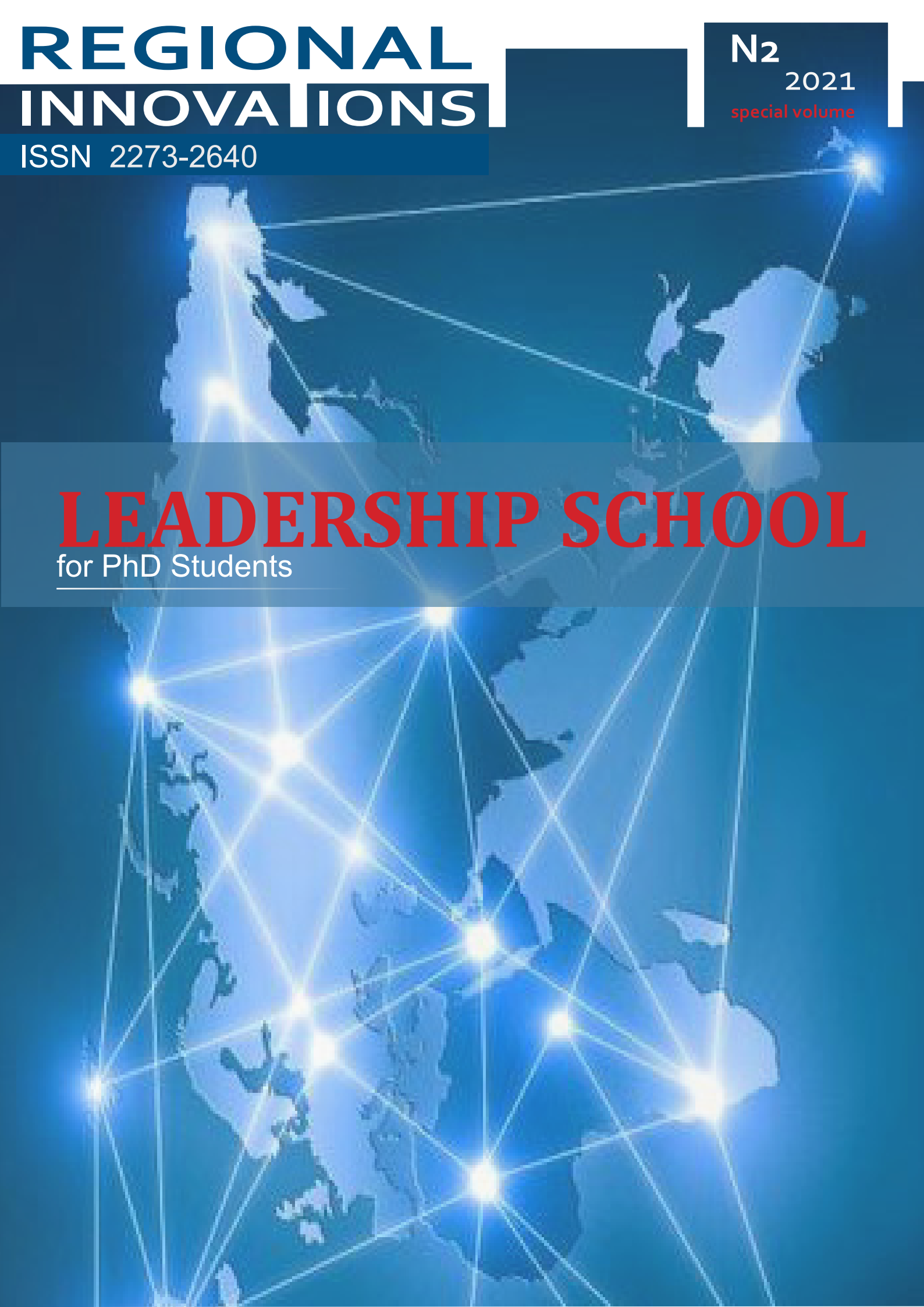
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LEADERSHIP SCHOOL

for PhD Students



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About InterRegionNovation

InterRegionNovation is the International Association devoted to the transfer and exchange of knowledge and innovations at all regional levels (country, region, city, community etc.) between knowledge transfer professionals (business, research institutions, policy makers, government agencies, individuals, others) in all countries of the enlarged Europe, CIS countries and from other continents for stimulating and enhancing economic and social growth in the regions.

This is a policy and research association that brings together all knowledge transfer professionals who are interested in delivering efficient, flexible, innovative and cost-effective services across the private and public sectors. We work closely with business, research and educational institutions, government agencies, policy makers, NGOs, media, individuals and other stakeholders to promote the interests of their industries.

Our members understand the changing needs of the transfer and exchange of knowledge and innovations and through continuous professional development, marketing and networking opportunities offered in this association, we keep current with the latest knowledge trends and issues that challenge people in their work and life journey. We also offer expansive opportunities for partner connection through our networks.

Journal "Regional Innovations" is one of the Association's tools for innovators and everybody who is interested in any aspects of innovation development.



www.irn.center

Contacts:

E-mail: info@irn.center
Address: 16, rue de la Roche,
Crégy-lès-Meaux, 77124, France
Tel. : +33 6 48 18 86 95

About journal

On behalf of the Editorial Board, it gives us a great pleasure to welcome you to the second issue of 2021 of the Regional Innovations Journal dedicated to Leadership School for Ph.D Students.

The Regional Innovations publishes original research papers, policy analyses, review papers and book reviews in order to establish an effective channel of communication between business, research institutions, policy makers, government agencies, and individuals relative to the analysis of various aspects of knowledge and innovations transfer and exchange within regional dimensions.

This is an independent, peer-reviewed, Internet-based international journal devoted to publishing original research papers of highest quality, sharing ideas and discussing innovation sector within regional dimensions. The journal welcomes to submit research papers by exceptional innovators, leading universities, globally recognized business, government agencies, policy makers and political leaders.

We intend that our readers will be exposed to the most central and significant issues in innovations development. We wish to publish papers that exemplify the highest standards of clarity, and that promise to have significant impact on existing front-line debates or to lead to new ones. The journal explores key priorities of the knowledge and innovations transfer and exchange in terms of critical aspects of human life (economy, law, science, business, health, education, culture etc.). We therefore welcome submissions not only from established areas of research, but also from new and emerging fields and those which are less well represented in existing publications, e.g. engineering studies, biomedical research etc.

We also strive to ensure that being under expert evaluation, each submission will receive developmental and supportive comments to enhance the article. Our refereeing process will involve that each submission will be reviewed by one or more specialists in the relevant field. Articles will be added to the volumes and the journal audience will receive e-mails updates to encourage them to the new articles.

We are delighted with, and immensely grateful to the large numbers of colleagues, both members of the Associations InterRegionoNovation and FranceXP (France), representatives from many universities in France, Latvia, UK, Azerbaijan, China, Nigeria, Belarus, Ukraine and other institutions, who have supported the editorial process. And we are very proud of the expertise that they collectively bring, which we believe is unsurpassed by any contemporary innovative journal.

We are immensely grateful to our colleagues for their support and advice through the process of setting the journal up, and for the confidence they have placed in us in supporting this initiative at a time of economic uncertainty.

In the development of the Regional Innovations to date, we would like to enlist the support of a number of organisations who wish to promote this online journal to their experts. To ensure its sustainability, we would also like to invite other organisations, networks, conferences and meetings to associate themselves with the Regional Innovations. We therefore aim for the Regional Innovations to become the leading online forum to globally disseminate outstanding research papers on innovation sector in regional dimensions. Being an online periodical, the Regional Innovations is also a forum for exchange of imaginative ideas readers wish to share. Contributions of articles on innovations sector and your comments about this issue are very welcome.

To this end, if you lead, represent, or are a member of any such organisation, please contact us to offer your support and commit to promoting the Regional Innovations as a publication outlet for research undertaken by your experts.

We do hope you enjoy and benefit from the Regional Innovations! And many thanks for staying with us in 2021!

Jean-François Devemy
Editor-in-Chief

About Leadership School for Ph.D Students

The readiness of a medical university graduate for modern professional activity is determined by presence not only of a certain system of professional knowledge, skills and abilities, i.e. hard skills, but also soft skills. The latter include managerial, leadership, team, communication, public and personal skills, which are essential for successful professional activity, in project management, in making informed decisions in risky situations, especially in a COVID-19 pandemic.

Given the huge importance of soft skills for Ph.D students in medical university, who will join the research and teaching staff in the future after defense of the dissertation, the online educational event "Leadership School for Ph.D Students" was held for the first time at the Kharkiv National Medical University in May-June 2021. International Association "InterRegioNovation" was the official partner and co-organizer of this event. A memorandum of understanding was signed within the framework of the Leadership School for Ph.D Students between Kharkiv National Medical University (Ukraine) and the International Association "InterRegioNovation".

This issue of the Regional Innovations Journal is dedicated to publishing the works of participants and speakers of the "Leadership School for Ph.D Students" and serves as a platform for discussion, as it highlights the point of view of the authors of this event on aspects related to soft skills. The management and staff of Kharkiv National Medical University express their gratitude to the International Association "InterRegioNovation" for assistance in organizing and conducting the "Leadership School for Ph.D Students" and look forward to further fruitful cooperation.

Valeriy Kapustnyk
Rector, Kharkiv National Medical University

Valeriy Myasoedov
Vice-Rector for Research, Kharkiv National Medical University

Mykhailo Myroshnychenko
Head of a Leadership School for Ph.D students, Kharkiv National Medical University

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Iryna Kyrychok
Director of the Library,
Kharkiv National Medical University,
Kharkiv, Ukraine,
iv.kyrychok@knmu.edu.ua

Tetiana Pavlenko
Deputy Director of the Libraby (Information Technology),
Kharkiv National Medical University,
Kharkiv, Ukraine,
tb.pavlenko@knmu.edu.ua

Svitlana Kravchenko
Head of the Information and Bibliographic Department of the Library,
Kharkiv National Medical University,
Kharkiv, Ukraine,
sa.kravchenko@knmu.edu.ua

Olha Kuts
Head of the Sector of Information and Analytical Work of the Library,
Kharkiv National Medical University,
Kharkiv, Ukraine,
ov.kuts@knmu.edu.ua

THE ROLE OF THE ACADEMIC LIBRARY IN INFORMATION LITERACY PROGRAMS FOR GRADUATE STUDENTS

One of the medical university's mission is to provide the country with highly qualified personnel in the field of medical science and health care. To achieve these goals, young scientists need to adapt to research activities to meet their information needs more quickly, using a variety of information. Postgraduate studies offer a unique stage in the development of researchers when they progress from the consumption of knowledge to its production. However, not all graduate students feel confident when doing research, writing academic texts, searching for information as they lack the necessary knowledge to implement their research.

Kharkiv National Medical University (KhNMU) Scientific Library functions not only as an information and resource center of the university, accompanying the educational and research processes, now it is an authoritative expert and consultant in the digital educational and scientific environment. Organizing access to reliable digital resources, monitoring the publishing activity of the university scientists and information promotion of their research results, coordinating the digital archive of the university staff formation, conducting educational, informational activities, using various resources - is an important vector in the library's role as the information support of the research.

Young researchers, in particular graduate students, are always in the focus of the university library. The library staff constantly organize events to acquire the necessary knowledge and skills to work with digital information, to understand and be able to critically evaluate digital and media content, effectively and safely use digital technologies to solve various educational, scientific and professional problems, help build information retrieval

trajectory and publishing strategy based on the principles of academic integrity, development of soft skills.

Participation in the "School of Leadership", organized at KhNMU, is a good opportunity for graduate students to receive direct assistance from the library professionals in acquiring the knowledge and skills needed for young researchers. The staff consider various aspects of the scientist's publishing strategy to prevent academic plagiarism, select scientific journals for publication and signs of predatory publications, focused on the design of literature for scientific works, including the use of citation managers, shared experiences on sources and strategies for finding scientific information, opportunities for scientometric platforms in the research work of a young scientist.

The first lesson from the Scientific Library was devoted to the preparation of a scientific publication, focusing on the requirements of the international standard for authors. Academic publications are an excellent opportunity to demonstrate your research potential and gain scientific authority. The questions every scientist asks himself are generally accepted and do not depend on the field of his research: Where to start? How to prepare a meaningful publication that will be accepted for publication and, moreover, demanded by the scientific community? How to build a presentation competently and publicly present your research? How to establish a constructive dialogue with colleagues? And finally, how to find time for it?

The basis for the formation of a modern specialist image is a triad - fundamental knowledge, professional competencies and the so-called soft skills - a set of super-professional ("soft") skills of personal effectiveness and self-improvement. This involves intensive processes of conscious perception and evaluation of the information, the ability to analyze and use the accumulated potential, adapt to changes and make decisions related to professional activities, especially important for those who are just building their scientific career.

Therefore, the key to a successful publishing strategy is the development and practical implementation of a number of key soft skills, among which are the following:

- skills of effective thinking as a tool of professional development: the ability to generate and implement ideas that are new, original, unique; intellectual curiosity, ability to apply the scientific method, conduct research, objectively interpret hypotheses and results; ability to perform problem search and critical analysis of the information in digital environment; knowledge of the structure of scientific texts, mastery of oral and written scientific speech, the culture of academic writing.

- volitional skills of self-control and self-management as a tool to achieve goals: the ability to be aware of internal conditions, effectively plan your activities and manage time; discipline, responsibility and result orientation; ability to act in unusual situations and make decisions; stress resistance, readiness for routine work and problem solving.

- activity and leadership skills as a tool for management and successful use of available resources: entrepreneurship, ability to manage projects, resources and information flows; tendency to search and assimilate new knowledge and acquire new competencies; the ability to determine personal goals and ways to achieve them, to build your life trajectory, evaluate your own results, learn throughout life; readiness for situational leadership, delegation of authority, providing feedback.

- social and communication skills as a tool for effective interaction and communication: the ability to establish and maintain a constructive dialogue, lead a discussion, work with others for the results, prevent and resolve conflicts, reach compromises; ability to adapt and perform various roles and functions in the team; emotional

intelligence, tolerance for other people's opinions, flexibility and acceptance of criticism; public speaking and self-presentation skills; language training and readiness for intercultural interaction, exchange of information in a written and oral form.

- as soon as a young scientist obtains the first results of his research to be presented to the scientific community through publications in authoritative publications, he faces the question of choosing a scientific journal - which journal to choose. Thus, the Ulrichsweb database, which describes the global flow of popular and scientific journals, currently contains almost 300,000 titles, of which more than 100,000 declare that they are scientific, many of which are electronic, and have an open access policy. Therefore, the choice of publication becomes quite a complex and time-consuming process.

- the inability of a scientist to choose a quality journal for publication can become a highly probable trap of pseudo-scientific publications. Such publications negatively affect their further scientific career. Based on this, the scholar must learn to distinguish between good publishing practices and dishonest policies of individual journals. Another lesson from the library of the School of Leadership was devoted to this issue.

Using scientific citation databases – Web of Science and Scopus, analytical resources for ranking SCImago Journal & Country Rank Journal Citation Reports, Elsevier and Manuscript Matcher Journal Finder services, presented in the End Note Online system on the Web of Science search platform will develop search skills, analysis of professional periodicals. Gradual mastery of these services allows you to select periodicals by citation rate, thematic queries in the form of keywords, to analyze journals by various metrics.

It should be noted that each of the scientific journals presented in the scientific citation databases Web of Science and Scopus has its own format and certain requirements, posted on the journal sites in the section for authors or described in separate "Instructions for authors". There are also requirements to the list of the literature and all references without exception. There are more than 9 thousand styles of articles and references in scientific publications. Using special programs, the so-called citation managers, will simplify the work of citing sources and present a publication with a perfect list of references. They allow you to collect and store references and full texts, organize them in a user-friendly way, design in the desired format.

Acquired competencies in finding and selecting a scientific journal to publish their research results will allow the scientist to exclude non-authoritative journals with dishonest editorial policies and focus on selecting highly cited (highly rated) publications indexed by the world's most famous citation databases Scopus and Web of Sc. Further publications in them will help build a successful personal scientific career.

Due to the rapid growth of information flows and their digitalization, there is a need to develop information and digital competencies in graduate students, not only teaching them to search for information on the Internet effectively, but also to be able to critical analyze it, correctly disseminate and create new knowledge. Libraries are designed to promote the growth of graduate students to real scientists and take responsibility for shaping the information culture of users, helping them to be information-aware in today's digital environment. To do this, it is necessary to study the information needs of graduate students, increase the level of their information knowledge, promote library services and resources.

We understand information literacy as a set of skills needed to search, analyze and use information to create new knowledge. It consists of technological literacy, information ethics, skills in working with online resources and analytical literacy. Digital literacy is a person's knowledge and skills to use information and communication technologies, as well as his ability to perform difficult tasks effectively applying digital environment. This reflects

the view that digital literacy translates into the skills a person needs to obtain information, succeed, communicate with others, find job, economic success, actively participate in the life of a community, networking and further development. It is extremely difficult for people who are not competent enough in digital technologies to act in today's digital world.

Research is becoming an increasingly dynamic network activity with the digitization of large flows of information. The Internet provides access to a variety of virtual information resources. Modern graduate students prefer access to digital network information, so the priority is to master the strategies of effective Internet search. The transition from Google to specialized information resources for information retrieval, namely scientometric databases, can be difficult for unprepared graduate students. We should also remember to raise the awareness of graduate students about the library resources and services in support of the research lifecycle.

The final lesson from the Scientific Library within the "School of Leadership" was a master class in which graduate students of KhNMU gained new knowledge about the sources and strategies of searching for scientific medical information, using digital technologies. Attention was focused on the information potential of the two advanced citation databases Scopus and Web of Science, which contain a huge number of different documents.

Simple examples demonstrated the capabilities of scientometric databases: features of building a search query, using special operators and symbols, expanding and deepening thematic search, analysis of search results, setting notifications of new results in the search query, storing and exporting search results.

Thus, today graduate students need not only to search for information effectively, but also to be able to critically evaluate and analyze it, access and use. The ability to master the skills of effective search, understanding, evaluation and use in the ethical aspect to meet individual and academic needs is fundamental to the training of graduate students, leading to better results and successful research. Graduate students with a higher level of information and digital literacy can get more useful and relevant information.

It is the libraries of higher medical establishments that can help graduate students build a publishing strategy not limited to the use of predominantly global search engines such as Google. Resources creation, introduction of services, as well as the inclusion of library courses on information literacy in the educational process of graduate students can improve their information and digital competencies, expand the range of scientific information retrieval.

Therefore, today academic libraries are introducing new forms and directions of work in the system of digital scholarly communications to solve library and information problems related to the dissemination of knowledge. The spread of digital technologies has led to a change in the forms of service for scientists, focusing on information support of the research, including activities from the formation of resource base, research assistance to teaching basics of digital literacy, development of soft skills, preparation of publications in international journals.