



Dear readers,

We would like to present another edition of Digital Journal of Library and Information Science, this time with the theme: "**Improving services, management and bibliometric methods**". It covers the period from September to December 2015, and at the same time, closes the year with the sense of the accomplished mission with the readers of RDBCI.

In general, transitions in operational tasks of Library and Information Science field have already been surpassed with the quick technological advances and with the tools that occupy these spaces. To think about ways to improve the informational scenario of these areas is what we have constantly done, either in libraries or classrooms. So, the performance of professionals seeking the efficiency for and solely for users is continual.

Here we will discuss the improvement of services guided towards to the human rights of users; make a parallel between information and the laws of Ranganathan, Moody and Walsh in our daily lives; speak about skills that we must have to manage the information, as well as how to run projects, practice innovation applied to industries and support scientific production with rules and techniques. In addition, we will discuss about structuring of data and metadata, such as the implementation and use of softwares for the management of distinguished collections. Finally, through RDBCI, we have an information channel for dissemination of ideas and experiences of researchers, professionals and students, in the various areas of knowledge.

In this issue, the **ARTICLES** section features six original works, the section **ARTICLES IN RESEARCH** five papers, and finally the **EXPERIENCE REPORT** section with a single work.

We would like to explain too, that from this issue on the known **SEARCH** section will be referred to as **SEARCH ARTICLES**. This does not mean that the works submitted previously were not classified as Article, the change is only to distinguish the original article from the article derived from a case study or a review.

Beginning with, Izabel Lima dos Santos (Federal University of Ceará) with the article "*The information and its laws: a parallel between the thoughts of Ranganathan and Moody and Walsh*," covering the existing similarities and dichotomies existing between the Five laws of Ranganathan (Librarianship) and the Laws of Information, formulated by Moody's

and Walsh. The author conducted a literature review in order to obtain data to allow contextualization of each group of laws within the scenarios for which they were designed.

In the second contribution from Spain, entitled "*The Pareto Principle in the document control of television news programs: implications for Media Asset Management*", the author Jorge Caldera-Serrano (Universidad de Extremadura) through bibliometric methods, such as Pareto index, presents the reuse of television networks audiovisual collections in order to detect statistical facts that provides rates of mechanisms' control of the less used part of the audiovisual collection holds. This can also diagnose, either by Pareto index or by the Asset Management media, the paradigm change to digital which points out to the fundamentals to the understanding of problems and solutions that will reduce the problems of information retrieval and in the formation of the collections described in the article.

As for the third article, "*The evolution of bibliometrics and its interdisciplinarity in the Brazilian scientific production*", José Mauro Gouveia de Medeiros (University of Brasilia) and Maria Albeti Vieira Vitoriano (University of Brasilia), aims to present the results of a study based on a literature review about bibliometrics. It considers the origins of this technique, its main characteristics and applicability, from a survey carried out in Brazil and with data collected from databases. Thus, the authors note the importance of bibliometric techniques for different areas of knowledge, which highlights its interdisciplinary character.

José Osvaldo De Sordi, Marcia Carvalho de Azevedo (both of the Federal University of São Paulo, United Metropolitan Faculties, University Center,) and Manuel Meireles (Campo Limpo Paulista Teaching Institute) present the work "*Critical analysis of the research on information behavior according to the demands of the knowledge intensive business*" aimed to analyze the contemporary scientific research on informational behavior, checking diversity and integration of the behaviors addressed in relation to the activities required by the information management processes. The informational behavior models used in information management research are originated in Information Science and are directed to specific interests of libraries, focused on activities of search and selection of information. The authors also highlighted the lack of scientific research classified according to each of the different stages of the information management process demanded by KIF.

Following, the fifth article of Thatiane Aparecida de Lima Giviani (Federal University of São Carlos) and Ana Rita Tiradentes Terra Argoud (Methodist University of Piracicaba), "*Business process management in public library*", a study of the Technical Treatment Division Information of the Integrated Library System of São Carlos City (SIBI / SC), intended to map the processes from the division of technical treatment of the system, since its acquisition to its availability to the user.

The last work of **ARTICLES** section brings Gabrielle Francinne Tanus (Minas Gerais Federal University) with the text "*From the practice to the production of*

knowledge: libraries in the modernity and proto-scientific librarianship" contextualizing the long history of the Librarianship and its origin associated with libraries for thousands of years. The author adds that libraries accompany the changes of each of the historical periods, and that a significant change emerges from the events and transformations of the Modern Age. She also emphasizes the changing of manuscripts to printed books, which generated a growth of collections and consequently greater demands for organizing activities of knowledge. Finally, the text concludes that such concerns in managing, organizing, describing, among other activities, can be seen in the works produced over the centuries XV-XVIII, when Library Science takes the denomination 'proto-scientific' marked by rules and technical standards procedures.

Starting the section **ARTICLES SEARCH**, Diego Andres Salcedo, and Mariana Alves (both from the Federal University of Pernambuco) with the work "*The role of the community library in the construction of human rights*" assumes that community library, named here as non-formal institution education, seeks to empower individuals in the community in which it operates with practices that promote human rights. Then, for the purposes of the research, it was made an exploratory qualitative work based on the Caranguejo Tabaiaras Community Library, located in a neighborhood slum at Recife, Pernambuco, Brazil. Thus, the authors found that literature reading activities provided literacy of children; the writing, ownership to residents and mediators, besides social and environmental awareness; contact with the French foreign language and cultural aspects of France. They also found that this type of social activity creates the conditions for the emancipation and professionalization of mediators, which deals with a collective action on behalf of Human Rights.

"*Information services and the 'internal user': needs for information literacy*", by Micarla do Nascimento Gomes (Dom Heitor Sales Faculty) and Claudialyne da Silva Araújo (Paraíba State University) described the search and use of information by users, as one of the motivations to libraries to evolve the services they provide, adapting or restructuring their mission. The research conducted at the Central Library Zila Mamede (UFRN) aimed to verify the information needs of a specific category of users, the 'insiders' (18 subjects - technical support fellows). The authors found that this class consisted of professionals working in university libraries which require information for their work activities, described as the information for the practical; professional and intellectual goals. Finally, they analyzed the triad of purposes in which the 'internal user' seeks and uses information and concluded that, although there is a search for satisfaction of professional performance, there also is a need to have an activity flowchart, including turnover on a determined time.

Breno Jose Burgos Paredes and Guilherme Alves de Santana (both from the Federal University of Pernambuco) with the work "*The evolution of the degree of organizational*

innovation in manufacturing industries in the metropolitan area of Recife", describe some phenomena that have markedly influenced the economic activities of the Pernambuco state, such as: globalization and the recent allocation of large industries. Somehow, these facts have also influenced the micro and small enterprises located in the region, which play a fundamental role in the local development due to its representation in fostering the economy. Starting from the need to evaluate the Pernambuco's innovative industrial setting, this study measures the evolution of the organizational innovation in manufacturing industries applying the Innovation Radar diagnosis in 30 small businesses of the sector. The results showed an innovative casual behavior, providing a Middle Degree of Innovation (GMI) below 3.0, outstanding, in this study, the dimensions focused on relationships, processes and ambience, as innovative itens.

The following article "*The project management as a support of a scientific journal production process*", by Fabrício Martins Lacerda, Cristina Dai Prá Martens and Emerson Antonio Maccari (from the Nove de Julho University) has as the main objective analyze the process of making a scientific journal within a perspective of project management. A case study was developed that verified the application of management processes of scope, deadline and costs of a project of producing a specialized medical scientific journal. Within the results, emphasis goes to the fact that despite not having information about good project management practices, the organization applies some of its tools informally and embryonically. The authors also identified points that deserve attention, as they impacted on the delay of the journal diffusion. They proposed improvement actions through the application of project management methodology, which could contribute to a better planning and project management.

In the last article of **SEARCH** "*Synthetic-imagetic display of parameters and metadata for learning objects*", written by Raquel Salcedo Gomes, Daniel Steinbruch Pereira, Erico Marcelo Hoff do Amaral, Rodrigo Sychocki da Silva, Rosana Wagner and Thaísa Jacintho Müller (all from the Rio Grande do Sul Federal University), the authors bring the results of a research aimed at developing a visual language to represent parameters and metadata for learning objects in a synthetic-imagetic way, in order to facilitate its evaluation and selection process by educators. The survey also revealed a possibility of a fruitful transformation of subjective culture into data, through the proposition of categorizations that took into account qualitative variables in the analysis of open files, from the perspective of learning theories applied to instructional design and of standardized features used in organizations and cataloging in digital repositories.

The **EXPERIENCE REPORT** section presents Marcia Feijão Figueiredo (Pedro II College) with the work "*Koha Application Analysis in the Pedro II College: an experience report*" reporting the tests with the Koha software at Pedro II College during the first half of 2014. The author describes the College Pedro II, the library system, media libraries and

reading rooms, to inform what are the institutional needs, in the electronic management of multicampi and centralized libraries. It also introduce the Koha application, its features and adoption in the world and in Brazil, as well as the application modules and the degree of difficulty encountered during its testing.

We wish you all a good reading and remind you to send your collaboration to this publication!

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Scientific Editors of RDBCI
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