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## Modern information technology-based librarian jobs for LIS graduates: a content analysis of job advertisements

Rahim Shahbazi<sup>1</sup>, Fatmeh Fahimnia<sup>2</sup>, Rezvan Hakimzadeh<sup>3</sup>

Received: 30 July 2013    Accepted: 3 Dec. 2013

### Abstract

**Objective:** This study examines the impact of information technologies on new library and information science job opportunities and the content analysis of LIS job advertisements.

**Method:** The approach of the current research is qualitative and its methodology is content analysis. In a purposeful sampling, 276 published job advertisements from USA and Canada in first 6 month of 2013 in indeed.com job searching website were selected and analyzed.

**Findings:** 95 new jobs detected from 276 job advertisements related to positions of information technology areas. Findings showed that totally, four job types of “Systems librarian”, “Metadata librarian”, “E-Resources Librarian” and “Web librarian” were gained three quarters of job advertisements. In 71 percent job advertisements, it was necessary for the applicants to have a master degree (Library Science, Information Science, Library and Information Science) or an equivalent degree accredited by American Library Association (ALA). The analysis of syllabus approved by “Ministry of Science, Research and Technology” for educating librarian shows that only 18 credits of the syllabus are IT Competency-based.

**Keywords:** job advertisements, job market, curriculum, systems librarian, web librarian.

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## Library collection management through GIS (Case Study: The Central Library of Tehran University)

Roya Pournaghi<sup>1</sup>

Received: 16 Aug. 2013    Accepted: 28 Oct. 2013

### Abstract

**Objective:** Due to financial problems and lack of space in the library to Library collection development, the overall goal of this research has been set as the use of GIS in the Library collection management (weeding systematic collection, collecting collection, Mapping circulation) and the model proposed Library collection management using GIS.

**Method:** The combination of survey methods- descriptive design system was used. The collection of the required data and a description of the method was done by implement and entering data into ArcGIS software. It also analyzes the data and displays the results on the library floor map design method. The spatial database design and plan has been done at the Central Library of Tehran University.

**Findings:** Results showed that spatial information is created in the database search, location range circulation of source on the Library Floor Plan Floor, and bookcase section is visible. The proposed research using library resources and using complex spatial representation GIS based on various stages of implementation were constructed reality.

**Keywords:** academic libraries, geospatial information system, libraries and information centers, management library collection.

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## Scientometric study of migration of Iranian scholars to the American Universities

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Received: 26 May 2013 Accepted: 28 Sep. 2013

### Abstract

**Objective:** This study aimed to conduct a bibliometric analysis of Iranian elite migration to top American universities.

**Method:** The present paper using Scientometric method and population included Iranian faculty in Ten top USA universities. Bibliographi information of the publications and citations of these scientists were extracted from the Scopus database.

**Findings:** Research results show that 141 Iranian faculty members in medical of science, technical science, art & humanities science, basic science are working in these universities. The most of these faculty members were graduates of Sharif University of Technology and University of Tehran. Their publications before migration (0.39%) compared with after migration (99.61%) is very low. Scientific Exchange through scientific collaboration with Iranian faculty members was 4.23 percent. In terms of citation behavior, 0.136 percent cited Iranian and 99.864 percent cited non-Iranian works.

**Keywords:** American Universities, brain drain, elite migration, scintometric, Scopus.

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**An analysis of customer satisfaction in academic libraries using  
MAGAI model: A Case study in central library of  
Shahid Chamran University (SCU)**

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Received: 12 Aug. 2013 Accepted: 8 Jan. 2014

**Abstract**

**Objective:** In recent years, the concept of satisfaction in the field of library and information science has evolved, and today has become the most widely used performance indicators. The purpose of this paper is to use of Magal model to study the factors that influence customer satisfaction with central library in Shahid Chamran University and to determine the level of the overall satisfaction of the customers of the customers of this library.

**Method:** The study was carried out using a survey methodology. The survey instrument was a questionnaire. The study population was composed of all members of Central Library in Shahid Chamran University. A 250 questionnaire were returned and using SPSS19 and AMOS 19 were analyzed.

**Findings:** The findings of this study showed that provided information quality has the largest influence of customer satisfaction with a factor of 0.61. The second most influential factor is perceived usefulness with a factor of 0.31. Three predictor variables are the effect of the information quality, customer self-efficacy and staff service quality that had the highest influence on perceived usefulness of library's customers. The findings also showed that customer self-efficacy with a total value of 0.22 is influence on library's customer satisfaction.

**Originality:** The results of this research can help manager and library staff at Central library of Shahid chamran University in providing better library services. Also, the results of this study can help increase customer satisfaction level.

**Keywords:** central library of Shahid Chamran University, customer satisfaction, Magal Model.

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## Mental models in information seeking behavior research: A Review

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### Abstract

**Objective:** This study tends to indicate main factors affect user's mental models in Information seeking behavior.

**Method:** Searching related keywords in International Databases and search engines, 27 articles in information seeking area were selected. These articles were evaluated and analyses deeply to answer the main questions developed.

**Findings:** The result demonstrated that various factors affect user's mental model construction. These factors can divide into two groups: Individual differences and environmental factors. In addition, mental models can effect on novice users in information seeking process in complex situations. Furthermore, Analyzing articles showed that interviewing, observing, drawing, thinking aloud and RGT are the most common techniques for distinguishing user's mental models.

**Value/ Originality:** The results of this research can help us to know more about cognitive factors effect on information seeking behavior and apply them in information retrieval systems.

**Keywords:** information seeking behavior, library and information science, mental models.

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## Identification required infrastructural indices for implementation of knowledge sharing in insurance industry

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Received: 3 Aug. 2013 Accepted: 5 Dec. 2013

### Abstract

**Objective:** The aim of the present research is to identify required indices in order to implement knowledge sharing and scrutinize its situation in Iranian insurance industry.

**Method:** The method applied in the current research is descriptive-survey and data was gathered using questionnaire. The research population is from the top managers of Iranian insurance companies' central offices in Tehran.

**Findings:** In this research, the effective key variables for implementing knowledge sharing were identified. Then, the variables were confirmed by experts, using Delphi method. Finally, 68 factors were recognized and classified into 8 categories, including human resource characteristics, managers's attitude and support, knowledge sharing strategies, organizational structure and relations, organizational culture, organizational rewards and assessment, organizational strategy, and the application of information and communication technology. Generally, among all indices, organizational commitment, belief in organizational success through knowledge-sharing, training newly hired employees along with staff, open communication between managers and employees, mutual trust among staffs and use of intranet indicated the weakest situation.

**Keywords:** insurance industry, knowledge management, knowledge sharing.

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