



Tabriz University  
of Medical Sciences

## **Dr. VAHIDEH ZAREA (GAVGANI)**

Professor in Medical Library and Information Science

### 1. Contact Details

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**Address:**

Central Library of Tabriz University of Medical Sciences , Shahid Karimi Blvd, Tabriz University Campus, 29 Bahman Blvd, Tabriz,iran

**Email:** [ygavgani@gmail.com](mailto:ygavgani@gmail.com); [zarehv@tbzmed.ac.ir](mailto:zarehv@tbzmed.ac.ir)

**Phone Number:** ...

ORCID: <https://orcid.org/0000-0002-3278-6859>

GoogleScholar: <https://scholar.google.com/citations?user=sKmP1qsAAAJ&hl=en>

Google Scholar h-Index :17

Scopus ID: 57192935505

Researchgate: <https://www.researchgate.net/profile/Vahideh-Zarea>

Updated 03/02/2025

### 2. PERSONAL DETAILS

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**Date of Birth:** 12.07.1975

**Nationality:** Iranian

**Languages:** Turkish (the Mother Tongue), Farsi (The formal National Language); English Language (Academic language) - with a Basic Familiarity with Urdu and Arabic

**Education:**

PhD: Medical Library & Information Science- Osmania University -India

MSc : Library & Information Science-Tehran University -Iran

BA : Library & Information Science –Tabriz University –Iran

### Post PhD Course

Health Informatics Course , Cal2 Cal Institute USA, India Branch

### Research fellowship

Simon Fraser University, Vancouver, Canada 2018 -2019

### Thesis:

- **PhD Thesis:** Role of Medical Librarians in Information Therapy (Ix): study of problems and prospects in Iran and India. Supervised by prof. V.Vishwa Mohan Submitted to Osmania University , Hyderabad, India. Year 2009
- **MA Thesis:** Tracing the Quranic Educational Words in Iranian Young Adult & Children' Selected Stories from Year 1989 to 1999. Supervised by Dr Abbas Horri and Soraya Gezelayagh, Submitted to Tehran University in Iran. Year 2000.

### Current Position:

- **Professor** Tabriz University of Medical Sciences, Tabriz- Iran
- **Manager of Medical Information and Resources, Tabriz University of Medical Sciences, Tabriz, Iran**
- **Head Department of Library & Information Science,** Tabriz University of Medical Sciences, Tabriz- Iran
- **Member of the board of examiners, evaluation and planning** of the field of medical library and information science in ministry of health and medical education, Iran Since 2018
- **Editor-in-Chief journal** of *Depiction of Health* [Journal of Tabriz University of Medical Sciences in Health System Research], since 2013+
- **International Editorial Board:** *International Journal of User driven Healthcare*, IGI Global publishing, USA (2011+now)
- Editorial Board of *Journal of Medical Library and Information Science (JMLIS)*
- **International Editorial Board** of *Central Asian Journal of Medical Hypotheses and Ethics*
- Editorial Board of *Journal of Knowledge-Research Studies*

## 3. Research and teaching Interests

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- Information Literacy, Publishing, Scholarly Communication, Evidence Based Approach, Clinical Librarianship, Information Therapy, Scientometrics, Altmetrics

## 4. Teaching experience

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- Research Methods (current)
- Publishing Research Paper
- Medical Information Systems :database search
- Scientometrics concepts and software [Workshop] years2017
- Finding best target journals [Workshop] 2016
- Plagiarism [Workshop] 2015-2016
- Knowledge translation tools and techniques
- Abstracting
- Management in library and research centers 2 credit
- Scholarly communication
- Specific Reference Material, internship in Medical Library and Information Sciences Reference Work (Transaction), Medical Library and Information Sciences Dep. Para Medicine Faculty)
- Organization of material (Cataloging , Classification),
- Information Therapy (Ix) [Workshop]

## 5. Research experience

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**More than 25 Thesis Supervised/consulted for Master of Science (MSc) degree in Medical Library and Information science, Doctor of Pharmacy, General Medical Doctor, and Three PhD in library science.**

## 6-Professional experience

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- Top Manager of Medical Information and Resources
- Head Department of Medical Library and Information Science for 4 years
- Head of Library of Faculty of Medicine for 4 years
- Head of Scientometric center of university for 4 years

- Member of Specific Board of Education in Ministry of Health about 3 years
- Member of Council of Publishing 4 years
- Member of Virtual Education Committee
- Curriculum Development for Evidence Based Library and Information Practice
- Responsible of Acquisition department of book center in Shiraz University of Medicine
- Scientific Secretary of 2nd National Conference of Books and Reading year 2016 Tabriz University of Medical science
- Executing Secretary of International Society for Evidence based healthcare Congress 2016, Best Evidence and Health Care Decisions. Kish Islan-Iran 2016
- Scientific Secretary of 1st National Conference of Books and Reading year 2015 Tabriz University of Medical science

Active member of Evidence Based Medicine

## • 7. Publications

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### • 7-1-Books and Book Chapters:

1. Vahideh Zarea Sima Esmaeelzad, (2021). Evidence based practice and critical thinking, Naghous and Tabriz University of Medical Sciences, [**Book authored**]
2. Vahideh Zarea & Ziba Tusi (2018).Patent Databases and Patent Study. Tehran:Nagoos,1397[**Book authored**]
3. Jafar Sadegh Tabrizi, Vahideh Zarea Gavgani, Mostafa Farahbakhsh. (2013). Patient and public involvement.Tabriz:Elvin.[**Book authored**]
4. Vahideh Zarea Gavgani, Masoumeh Sattari (2013). Search Strategy and techniques for medical information. Tabriz: Elvin and Shervin. .[**Book authored**]
5. Information Prescription in patient centered framework; evidence based information service. Germany:LAP Publishing Group 2013.[**Book authored**]
6. Vahideh Zarea Gavgani , Mina Mahami, Rezvanieh Salehi (2015).Patients' medication errors: How patients' inadequate information about their prosthetic heart valve diseases affects their healthcare in book: Healthcare administration: Concepts, methodologies, tools, and applications, IGI Publishing, [**Chapter contributed**]
7. Gavgani Vahideh Zarea (2010). "Service Models for Information Therapy Services delivered to mobiles" IN: M-Libraries 2 [**Chapter contributed**]

8. A virtual library in everyone's pocket. Edited by Mohamed Ally and Gill Needham, Facetpublishing:London,Page: 125-137. **[Chapter contributed]**
9. Vahideh Zarea Gavgani, M. H. Biglu (2010). Use of ICT in dissemination of health information to the patients and general public through Iranian medical libraries. IN: Emerging Technologies And Changing Dimensions Of Libraries And Information Services , By Kataria Sanjay, Mumbai: Kbd Publication, 2010 **[Chapter contributed]**
10. Ubiquitous Information Therapy through Social Networking Libraries: an operational Web 2.0 service model **[Chapter contributed]**
11. Use of mobile phone in delivery of consumer health information . Edited by Gill Needham, Mohemmad Aly.Transforming Libraries with mobile technology; Londone: Facet Publishing,pages33-43**[Chapter contributed]**
12. Evidence Based Information Prescription (IPs) in Developing Countries, Evidence Based Medicine - Closer to Patients or Scientists?, Prof. Nikolaos Sitaras (Ed.), ISBN: 978-953-51-0504-6, InTech, Available from: <http://www.intechopen.com/books/evidence-based-medicine-closer-to-patients-or-scientists-/evidence-based-information-prescription-ips-in-developing-countries> **[Chapter contributed]**
13. Citation Based indicators in evaluation of quality and performance of research and researchers. IN. Encyclopedia of Information Sciernce and Technology. Edited by Mehdi Khosroe-Pour. 2014-USA.IGI Global

## 7-2- Peer-reviewed journal publishing (Selected articles):

1. Siamak Sabour · Sepideh Harzand-Jadidi · Ali Jafari-Khounigh · **Vahideh Zarea Gavgani** · Zahra Sedaghat · Nadali Alavi Environ Monit Assess (2024) The association between ambient air pollution,and migraine: a systematic review 196:271,<https://doi.org/10.1007/s10661-024-12376-w>
2. Esmailzad, S., Gavgani, V. Z., Zarei, A., & Familrouhany, S. A. A. **Effect of evidence-based information management and practice training on librarians' critical thinking: A randomized educational trial.** Journal of Librarianship and Information Science, 2022(-). <https://doi.org/10.1177/09610006221114648>
3. Okhovati M, Bagherinezhad Z, Gavgani VZ, Safizadeh H. **“Physician-directed information prescription service. A scoping review.** Patient Education and Counseling. 2022 Aug 4.
4. Okhovati M, Bagherinezhad Z, Gavgani VZ, Safizadeh H. **Challenges of providing health information delivery services and suggested solutions: A qualitative study.** J Med Libr Inf Sci. 2022;3:e29.

5. Zarea Gavgani V, Ghojazadeh M, Sadeghi-Ghyassi F, Khodapanah T. **Effects of listening to Quran recitation on anxiety reduction in elective surgeries: A systematic review and meta-analysis.** *Archive for the Psychology of Religion.* 2022 Jul;44(2):111-26.
6. Gavgani VZ. Information Referral System in the Health System. *Depiction of Health.* 2023 Jun 19;14(2):161-5.
7. Sadeghi-Ghyassi F, Zarea Gavgani V, Fathifar Z, Makani N, Vaez R, Montazeri M. **Quality of reporting of literature search strategies in systematic reviews published on the role of telehealth during COVID-19.** *Journal of Information Science.* 2022 Apr 27:01655515221087649.
8. Kazemi Majd, F., Gavgani, V. Z., Golmohammadi, A., & Jafari-Khounigh, A. (2021). **Effect of physician prescribed information on hospital readmission and death after discharge among patients with health failure: A randomized controlled trial.** *Health Informatics Journal, 27(1),* 1460458221996409.
9. Hazrati H, Bigdeli S, Gavgani VZ, Arabshahi SK, Behshid M, Sohrabi Z. Humanism in clinical education: a mixed methods study on the experiences of clinical instructors in Iran. *Philosophy, Ethics, and Humanities in Medicine.* 2020 Dec;15(1):1-0.
10. Zarea Gavgani, V., Hazrati, H., & Shohrabi, Z. (2021). Effect of Problem-Based Learning and Reasoning Tests on Learners' Critical Thinking Skills Before and After the Educational Intervention in Graduate Students of Basic Sciences. *Depiction of Health, 12(1),* 35-44.
11. Hazrati H, Bigdeli S, Arabshahi SK, Gavgani VZ, Vahed, N. (2021). Visualization of clinical teaching citations using social network analysis, *BMC Medical Education (In Press)*
12. Oskouei A, Gharibi F, Tabrizi JS, Z Gavgani V. (2021). Excellence in Patient Rights in a Physiotherapy Clinic through an Education-Based Program. *Journal of Advances in Medical and Biomedical Research.*;29(133):92-9.
13. Hazrati, H., Bigdeli, S., Behshid, M., Gavgani, V. Z., Sohrabi, Z., & Arabshahi, S. K. S. (2021). Designing a customized model of effective clinical teaching for an undergraduate medical program: protocol for a mixed-method study. *Research and Development in Medical Education, 10(1),* 3-3.
14. Gavgani VZ. (2020) Does Covid-19 Change the Direction of Citation Impact and Social Impact of Research Articles?. [VZ Gavgani - doh.tbzmed.ac.ir](https://www.doh.tbzmed.ac.ir)
15. Vahideh Zarea Gavgani (2020). Infodemic in Global Coronavirus Crisis. *Depiction of Health .11(1):*1-5
16. Khodayari-Zarnaq R, Gavgani VZ, Khoshmaram N. Identifying Effective Factors in Determining Authorship from the Viewpoints of Researchers at Tabriz University of Medical Sciences: A Qualitative Study. *Depiction of Health.* 2020 Jun 21;11(2):190-9.
17. Vahideh Zarea Gavgani, Moslim Najafi, Zahra Ahmadzadeh, Tahereh Eteraf-Oskouei (2020) A Study on Medication Information in the Package Inserts of Pediatric Antibiotics in Iran. *Journal of Isfahan Medical School 37 (552),* 1272-1279
18. Eteraf-Oskouei, Tahereh, Abdollahpour, Saeid, Najafi, Moslem, Zarea Gavgani, Vahideh (2019) Do drug package inserts meet the rules and regulations of Iran's Food and Drug Administration in terms of informing patients? *Health Promot Perspect, 9(3):*214-222

19. Khoshmaram, N., Khodayari-Zarnaq, R., & Gavgani, V. Z. (2019). Discovering the Perception and Approach of Researchers and Professors of the University of Medical Sciences in Biased and Unbiased Publication of Scientific Outputs: A Qualitative Study. *Publishing Research Quarterly*, 1-9.
20. Jafari-Khounigh A, Khorrami Z, Zolala F. The Relationship between Ambient Air Pollution and Migraine: A Systematic Review. *Journal of Safety Promotion & Injury Prevention*. 2019 Oct 1;7(3).
21. V Zarea Gavgani, M Ghojzadeh, M Sattari (2018)Evaluation of Consumer Health Information Websites Based on International Guidelines. *Library Philosophy and Practice (e-journal)*
22. VZ Gavgani, S Mirzadeh-Qasabeh, J Hanaee, H Hamishehkar (2018). Calculating reading ease score of patient package inserts in Iran. *Drug, healthcare and patient safety* 10, 9
23. M Abdekhoda, Z Gholami, V Zarea (2018) Determinant Factors in Adopting Mobile Technology-based Services by Academic Librarians. *DESIDOC Journal of Library & Information Technology* 38 (4), 271-277
24. ME Khajelou, VZ Gavgani, MA Jafarabadi (2018)The effect of social determinants on oral health knowledge and patient's bill of rights *Dental*, 191
25. A Sattari, M Abdekhoda, VZ Gavgani (2017)Determinant Factors Affecting the Web-based Training Acceptance by Health Students, Applying UTAUT Model. *International Journal of Emerging Technologies in Learning (iJET)* 12 (10 ...
26. H Hazrati, VZ Gavgani, M Ghojzadeh, L Vahedi.(2016).Problem-based learning in dentistry and interfiled comparison: a citation analysis study *Russian Open Medical Journal* 5, e0302
27. Siamian H, R Mahmoudi, F Habibi, M Latifi, V Zare-Gavgani (2016). Students' Attitudes Towards Research at Mazandaran University of Medical Sciences in 2015; *Materia Socio Medica* 28 (6), 468-472, 2016
28. VZ Gavgani, Hazrati H. (2016).Which levels of education in medical sciences utilize most the Problem Based Learning?-A citation analysis study. *Library Philosophy & Practice*, 2016
29. Zarea VZ. Sattari M, VVMohan, Aliparasti R. (2016). High school students' perspective on the features of consumer health information websites *Webology* 13 (1), 1, 2016

30. M Abdekhoda, A Dehnad, SJG Mirsaeed, VZ Gavgani (2016) Factors influencing the adoption of E-learning in Tabriz University of Medical Sciences,- Medical journal of the Islamic Republic of Iran,
31. Vahideh Zarea Gavgani, Hakimeh Hazrati, Morteza Gojazadeh (2016 ). Problem-based learning in dentistry and interfiled comparison: a citation analysis study. Russian Open Medical Journal 5 (3)
32. Vahideh Zarea Gavgan, Faranak Kazemi Majd, Shirin Nosratnejad, Ali Golmohammadi Homayoun Sadeghi- Bazargani (2015)The Efficacy of Written Information Intervention in Reduction of Hospital Re-admission Cost in Patients With Heart Failure; A Systematic Review and Meta-Analysis, J Cardiovasc Thorac Res, 2015, 7(x), x-x; doi: 10.15171/jcvtr.2015.00x
33. Vahideh Zarea Gavgan, , Hakimeh Hazrati\*, Morteza Ghojazadeh (2015)Efficacy of Digital Case Scenario Versus Paper Case Scenario On Clinical Reasoning in Problem-Based Learning: A Systematic Review and Meta-Analysis Res Dev Med Educ.,VOL,NO:, , 4(1):17-22 doi:10.15171/rdme.2015.003
34. Vahideh Zarea Gavgani, Elham Qeisari, Mohammad Jafarabadi. (2013). Information Seeking behavior of Pubic library users in Qazvin. Research on Information Scienc & Public Libraries; 20(76): 93-112
35. Vahideh Zarea Gavgani , Hakimeh Hazrati (2014 ). Problem Based Learning Implementation in Medical Education , A Scintometrics Analysis of Publications Indexed in PubMed and Web of Science. Res Dev Med Educ, 2014, 3(2), 99-104 ; doi:10.5681/rdme.2014.020
36. Vahideh Zarea Gavgani, Jalil Nazari, Fatemeh Rastegari Mohammad Asghari Jafarabadi. (2013). Is librarians' health affected by ergonomic factors at the work place?. Library Philosophy and Practice.
37. Vahideh Zarea Gavgani, Elham Qeisari , Mohammad Asghari Jafarabadi (2013). Health Information Seeking Behavior (HISB) of people and some related factors; a study in developing country. Library Philosophy and Practice.
38. Vahideh Zarea Gavgani (2013). Is there a greyzone between information therapy, bibliotherapy and patient education?. International journal of User Driven Healthcare. Vol 3(3). [EDITORIAL]
39. Vahideh Zarea Gavgani, Farhad Shokrane (2013). Information Therapy (Ix), Information Rx and Information Prescription: a systematic review. International journal of User Driven Healthcare. Vol 3(3).



40. Vahidhe Zarea Gavgani & Mahami Mina, Rezvanyieh Salehi.(2013) Patient Medication errors: How Patients' Inadequate Information about their Prosthetic Heart Valve Diseases Affects their Healthcare. *International Journal of User-Driven Healthcare (IJUDH)*; 3(2)
41. Vahidhe Zarea Gavgani & Mir Sajad Mousavi (2013). Patient Right to Information. *International Journal of User-Driven Healthcare (IJUDH)*; 3(2)
42. Hazrati H, Gavgani VZ., Gorbanian N. (2013). Determining Information literacy Competency of Faculty members and Post graduate Medical and Para medical Students in Using Medical Information Resources. , *Library Philosophy and Practice LPP*.
43. Peyman Rezaei Hachesu, Vahideh Zarea Gavgani , Zahra Salahzadeh, Asghar Ehteshami و Zakieh Piri (2013). A study of resident's attitude, knowledge and barriers towards the use of evidence based medicine. *International Journal of Health System and Disaster*. V1(1).
44. Vahideh Zarea Gavgani (2011). Information Therapy (Ix) and patients' preference. IGI Publishing Group. *International Journal of Computational Models and Algorithms in Medicine (IJCMAM)*;2(2):42-50.
45. Vahidhe Zarea Gavgani (2011). Role of medical librarians in information therapy (Ix): a comparative study of two developing countries. *Aslib Proceedings: New Information Perspectives* Vol. 63 No. 6, 2011 pp. 603-617. DOI 10.1108/00012531111187252 available at : <http://www.emeraldinsight.com/journals.htm?issn=0001-253x&volume=63&issue=6&articleid=17004119&show=abstrac>
46. Zarea Gavgani, Vahideh. "Evidence-based medical librarianship in Iran: an introduction." *Webology*, 2009; 6(2), Article 72. Available at: <http://www.webology.ir/2009/v6n2/a72.html>
47. Vahideh Zarea [and] V. Vishwa Mohan. "Application of Web 2.0 tools in Medical Librarianship to Support Medicine 2.0". *Webology* .Vol 5 March 2008. <http://www.webology.ir/2008/v5n1/a53.html> Vishwa Mohan, V [and] Vahideh, Zarea Gavgani. "Information Therapy (Ix) and the Public Library". National Conference on Reorientation of Library Services in India, 18-20, August, 2007, Vijayawada. Vijayawada : Andhra Pradesh Library Association, 2007. pp. 52-61.
48. Vishwa Mohan, V., Sridhar Reddy, K., [and] Vahideh, Zarea Gavgani. "The eHand-libraries : A Journey into Technological Transformation of the Future Libraries". *Grandhalaya Sarvaswamu*. Vol. 68, No. 7 Oct 2007. pp. 14-16.
49. Zarea, Vahideh "Evidence-Based Medicine Approach among clinical Faculty Members" *Medical Journal of Tabriz University of Medicine and health sciences*, Spring 2006. v.22( 1):pp. Available at <http://medicaljournal.tbzmed.ac.ir/PDF/bahar%2085/AE.htm>

## 8. Honours and awards

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1. 1st Rank in MLISc 2000
2. Top Rank in Pre PhD examination, 2007, Osmania University, India
3. Top woman employee in Shirz Unicversity of Medicine , year 1993
4. Top researcher faculty in School of Management and Medical Informatics, Year 2014

## 10-Other skills

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Ability of doing research work, documentation, information search and delivery, Systematic review search, publishing advisory, patient education, managing library, performing library technical works/services, Coordinating for international Workshop and conferences, Teaching,