

# Curriculum Vitae

I am lost in God, and God is found in me (Molana)

## Elham Maserat

Department of Medical Informatics, Faculty of Medical  
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### *Education*

**Tehran University of Medical Sciences (TUMS), Tehran, Iran      2012-2017**

**PhD in Health Information Management (HIM)**

**Thesis:** Designing of an Intelligent Hybrid Decision Support System for Management of Colorectal Cancer Screening Program

**Supervisors:** Dr. Reza Safdari, Dr. Mohammad Reza Zali

- 1st Rank, National PhD written entrance exam in HIM of Iranian Medical Sciences Universities
- Recognized as an exceptional talent at Tehran Medical Sciences University
- Ranked first among Feb.2012 entrance HIM students, Total GPA: 19/55
- 1st Rank, Comprehensive exam among Feb.2012 entrance HIM students

**Shahid Beheshti University of Medical Sciences (SBMS)      2002-2010**

**MSs in Medical Records Education**

**Thesis:** A Study of Pharmacy Information System in Training Hospitals Affiliated to Shahid Beheshti University of Medical Sciences and the Review of Relation between these Systems and Pharmaceutical Companies in Tehran, 2009

- Recognized as an exceptional talent at Shahid Beheshti University of Medical Sciences

## **BSs in Medical Records**

- 1st Rank, National BSs entrance exam in Medical Records of Iranian Medical Sciences Universities
- Ranked second among 2004 entrance Medical Records

## ***Honors & Awards***

- Best researcher, 20th Annual Assembly of Students' Scientific Research Center of TUMS, 2014
- Best student researcher, 10th Research Festival of Shahid Beheshti University of Medical Sciences, 2010
- Best student researcher, School of Allied Medical Sciences of TUMS, 2016
- Best researcher, 6th international congress of newest research achievements, 2016
- Best Reviewer, 2th National microscopic studies, Shiraz, Iran, 2017
- Best Paper, 2th student congress of medical informatics of Shahid Beheshti University of Medical Sciences, 2008
- Best Paper, 9th National dental student congress, Tehran, Iran, 2008
- Best Paper, 8th national congress of e-learning in medical education, 2011
- Best Paper, 3th Annual Research Congress of Shahid Beheshti University of Medical Sciences, 2008
- Selected Cultural Paper in university stage, 5th Cultural Festival of Ministry of Health and Medical Education, 2014
- Best Paper, The first national conference on responsive medical education of Tabriz University of Medical Sciences, 2018

## ***Professional Experience***

- Lecturer of Medicine & Paramedical School, Ardabil University of Medical Sciences (ARUMS)
- Research in Education expert of Educational Development Center (EDC), Ardabil University of Medical Sciences
- Research board member, Students' Scientific Research Center of Tehran University of Medical Sciences
- Member of Scientific-Executive Committee, 24 Educational-Research congresses & festivals (National & International)
- Researcher, Research Institute for Gastroenterology and Liver Diseases (RIGLD)

- Editor-in-Chief, Scientific-Research Journal of Payesh (Student Journal of Medical Sciences)
- Editorial board member, Scientific-Research Journal of Payam
- Coordinator of Ardabil University of Medical Sciences for National Education ranking (RAD) of University of Medical Sciences
- Scientific Member of National Campaign against hepatitis
- Scientific-executive Committee member, National plan of colorectal cancer screening
- Member of Student researchers club
- Head of education department, Students' Scientific Research Center of Shahid Beheshti University of Medical Sciences
- Head of Students' Scientific Research Center, School of Allied Medical Sciences of SBMU
- Member of development of multidisciplinary sciences Committee, Ministry of Health And Medical Education program
- Editorial Board of Depiction of Health Journal
- Reviewer (Projects of Students' Scientific Research Center of TUMS, 20 National and international congresses, Journal of Hepatitis Monthly, Journal of Payavard Salamat, Journal of Health and Care, Journal of Torbat Heydariyeh University of Medical Sciences
- Head of Students' Scientific Research Center of School of Management and Medical Informatics
- Head of Virtual Education of School of Management and Medical Informatics Tabriz University of Medical Sciences
- Participation in 17 research workshops as a lecturer
- Participation in 6 education workshops as a lecturer for prisons, hospitals of the Ministry of Health, Social Security, faculty members and students

**Workshop Titles:** Proposal writing, Article writing, Advanced Research methodology, Advanced Medical Searching, An Introduction to Advanced Research methodology, Oral Presentation, Clinical Documentation, Clinical Coding

## ***Teaching Experience***

**Ardabil University of Medical Sciences, Ardabil, Iran / Lecturer                      2020 to present**

**Courses:** Standards and Clinical Coding, Information Management Resource, Medical Informatics

**Tabriz University of Medical Sciences, Iran/ Assistant Professor                      2002 to 2020**

**Courses:** Electronic health record, Health information system management

**Tehran University of Medical Sciences/ Teaching Assistant                      2012 to 2015**

**Courses:** International classification & nomenclature of disease, International classification of health procedure, Health information technology, Organizational Behavior and Management in Hospital, Personal & workplace management principles, Management and Anesthesia, Information technology special language, Health information management special language, Medical informatics systems, Medical terminology, Health informatics, Health information Management

**Ardabil University of Medical Sciences, Ardabil, Iran / Lecturer      2011 to 2013**

**Courses:** Health information technology, Organizational Behavior and Management in Hospital, Personal & workplace management principles, Management and Anesthesia, Information technology special language, Health information management special language, Medical informatics systems, Medical terminology, Health informatics, Health information Management

### ***Consulting Experience***

- Consultant of Electronic Dental & Oral Information System Project, Dentistry School of Shahid Beheshti University of Medical Science, 2007-Now
- Thesis advisor, Dental informatics field, Dentistry School of Shahid Beheshti University of Medical Science
- Research advisor, Health Information Technology field, Ardabil University of Medical Sciences
- Educational consultant, Health Information Technology field, Ardabil University of Medical Sciences

### ***Research Experience***

1. Designing Integrated Project Management Software with focus on National colorectal cancer plan, RIGLD
2. Designing Conceptual Model of Endoscopic Electronic Medical Record, RIGLD
3. Patients and High Risk Relatives Perspective on Colorectal Cancer and Screening, RIGLD
4. Physicians and Health Mangers Perspective on Colorectal Cancer and Screening , RIGLD
5. Screening and prevention of familiar and sporadic colorectal carcinoma in high risk populations, Iran, RIGLD
6. Evaluation of Pedigree Data of Iranian Population in National Colorectal Cancer Preventing, RIGLD

7. Impact of diabetes mellitus on pathogenesis, prognosis, outcome and survival of colorectal cancer patients, RIGLD
8. Designing Decision Support Information System for Colorectal Cancer Screening Base on Clinical Practice Guidelines, RIGLD
9. Designing oral and dental electronic record of dental faculty clinics of Ardabil University of Medical Sciences, ARUMS
10. Surveying of barriers of designing of hospital information management system in hospital level, Supervisor, ARUMS
11. Surveying of educational needs assessment of medical record department in in hospital level, Supervisor, ARUMS
12. Surveying of relationship between mental health, education and employment among female students of Ardabil University of Medical Sciences, Supervisor, ARUMS
13. Designing requirements of national infrastructure of oral and dental health record, School of Allied Medical Sciences of TUMS
14. Survey SWOT of implantation of electronic oral and dental record dental faculty clinics of Tehran University of Medical Sciences by stakeholder's perspectives, Students' Scientific Research Center of TUMS
15. Designing of conceptual model of integrated information system of colorectal cancer of Sharieati hospital, Students' Scientific Research Center of TUMS
- 16.

## ***Publication***

### **Book (in Persian)**

- Reza Safdari, Mahtab Nouri, **Elham Maserat**. Dental Informatics. Jafari Publication, Tehran, 2015.
- Farajollah Sedighe, **Elham Maserat**. Question bank of Health Information Management. Jafari Publication, Tehran, 2014.
- Fatemi Reza, Nemati Malek Fatemeh, **Elham Maserat**, et al. Colonic Polyps from Diagnosis to Treat, Koroush Publication, Tehran, 2010.

### **Papers**

1. **Maserat E**. Information communication technology: new approach for rural cancer care improvement. Asian Pac J Cancer Prev, 2008 Oct-Dec;9(4):811-4.
2. **Maserat E**, Fatemi R, Zali MR. New perspective for integrated information management in national colorectal cancer screening in Iran. Asian Pac J Cancer Prev, 2009 Oct-Dec;10(4):701-6.

3. **Maserat E**, Mirzarahimi M, Maserat E. Standard Pediatric Oncology Data and Information Technology: Necessities for Cancer Care Management, *Asian Pacific J Cancer*, 2011;12(1):323-5.
4. Pourhoseingholi M, Vahedi M, Pourhoseingholi A, Moghimi-Dehkordi B, Safaee A, **Maserat E**, et al. Comparing linear regression and quantile regression to analyze the associated factors of length of hospitalization in patients with gastrointestinal tract cancers. *JPH*, 2009; 7(6):136-139.
5. Pourhoseingholi MA, Vahedi M, Moghimi-Dehkordi B, Pourhoseingholi A, Ghafarnejad F, **Maserat E**, Safaee A, Mansoori BK, Zali MR. Burden of hospitalization for gastrointestinal tract cancer patients - Results from a cross-sectional study in Tehran. *Asian Pac J Cancer Prev*, 2009 Jan-Mar;10(1):107-10.
6. Safaee A, Moghimi-Dehkordi B, Pourhoseingholi MA, Vahedi M, **Masserat E**, Ghiasi S, Fatemi SR, Zali MR. Risk of Colorectal Cancer in Relatives: A Case Control Study, *Indian Journal of cancer*, 2010 47(1) : 27-30.
7. Fatemi R, Amir HM, Mousavi SH, Zahmatkesh M, Shivarani S, Nemati Malek F, **Maserat E**, Zali M. Colorectal Stenting for Management of Acute Malignant Bowel Obstruction in Advanced Colorectal Cancer in Iran. *Asian Pac J Cancer Prev*, 2009;10(5):739-41.
8. Fatemi SR, Malek FN, Shivarani S, Vahedi M, Almasi S, **Maserat E**, Ebrahimi M, Zali MR. Prevalence of colorectal cancer in relatives of Iranian patients diagnosed with colorectal cancer, *Asian Pac J Cancer Prev*. 2010;11(1):91-3.
9. Gooran N, Amin Sharifi Sh, **Maserat E**, Soltani M, Fatemi R. The role of information systems in cancer prevention, *Gastroenterology and Hepatology From Bed to Bench*. 2010;3(4):164-168 .
10. Khodadoostan M, Fatemi R, **Maserat E**, Hooshang A, Alizade M, Molaie M, Mashaieky R, Moaddab Y, Poor SY, Hashemy A, Zali MR. Clinical and pathological characteristics of colorectal polyps in Iranian population. *Asian Pac J Cancer Prev*, 2010;11,557.
11. Fatemi SR, Shivarani S, Malek FN, Vahedi M, **Maserat E**, Iranpour Y, Zali MR. Colonoscopy screening results in at risk Iranian population. *Asian Pac J Cancer Prev*. 2010;11(6):1801-4.
12. Asadi F, Moghaddasi H, Hosseini A, Sajjadi S, **Maserat E**. Pharmacy information systems in Tehran university hospitals and their relationship with pharmaceutical companies, *Journal of Paramedical Sciences*, 2011; 2(1): 48-55.
13. Safaee A, Moghimi-Dehkordi B, Fatemi SR, **Maserat E**, Zali MR. Family history of cancer and risk of gastric cancer in Iran. *Asian Pac J Cancer Prev*, 2011;12(11):3117-20.
14. Asadi F, Moghaddasi H, hosseini azamossadat, **Maserat E**. A Study of pharmacy Information System in Training Hospitals Affiliated to Shahid Beheshti University of Medical Sciences in the year 2009. *Health Management*, 2011; 13(41):40-31. (In Persian)
15. Fatemi R, Moghimi B, **Maserat E**, Zali. Colorectal Cancer prevention Strategy in High-risk populations in Iran. *Medical Council of Iran*, 2011;28(4):444-449. (In Persian)

16. Safaee A, Moghimi-Dehkordi B, Fatemi R, **Maserat E**, Zali M. Association of stomach cancer risk in individuals with family history of cancer, *Koomesh*. 2012; 13(2):264-268. (In Persian)
17. Fatemi R, Jafarzadeh F, **Maserat E**. lead poisoning Report of in addicted to oral and inhaled opium. *Medical Council of Iran*, 2010;27(1):117-120. (In Persian)
18. Safaee A, Moghimi-Dehkordi B, Fatemi R, **Maserat E**, et al. Risk of Colorectal Cancer in Relatives: A Case Control Study. *Knowledge and Health*, 2009;4(1):12-15. (In Persian)
19. Akbarzade A, **Maserat E**, Hemmati M. Survey of agreement between diagnosis in hospital records and death certificates. *Epidemiology*, 2008;3(1):39-46. (In Persian)
20. Safaee A, Moghimi-Dehkordi B, Fatemi R, **Maserat E**, et al. Risk Estimation of Upper Gastrointestinal Cancers in People with Family History of Cancer. *Knowledge and Health*, 2012;7(2):65-69 (In Persian)
21. **Maserat E**, Samadi N, Mehrnoosh N, Mohammadi R, Zali M, Elham M, Samadi N, Mehrnush N, Mohamad R, Zali M. Tele Nursing: Optimal Option for Patient Educational Improvement. 3. 2011; 13 (3) :0-0 (In Persian)
22. Safdari R, **Maserat E**. RFID technology in health environment: Opportunities and Challenges at modern cancer care. *Asian Pacific J Cancer Prev*, 2012;13 (12), 6533-6537.
23. **Maserat E**, Zali Z, Zali MR. Health informatics and information system: an integrated evidence-base tool for colorectal cancer screening. *Asian Pac J Cancer Prev*, 2008 Jul-Sep;9(3):537-40.
24. Pourhoseingholi A, Pourhoseingholi MA, Vahedi M, Moghimi-Dehkordi B, **Maserat E**, Zali MR. Relation between demographic factors and hospitalization in patients with gastrointestinal disorders, using quantile regression analysis. *East Afr J Public Health*. 2009 Apr;6 Suppl (1):45-7.
25. **Maserat E**, Safdari R, Maserat E, Zali MR. Endoscopic electronic record: A new approach for improving management of colorectal cancer prevention. *World J Gastrointest Oncol*, 2012 April 15; 4(4): 76-81.
26. **Maserat E**, Safdari R, Ghazisaeidi M, Maserat E, Ghezelbash S. Simulation models of gastrointestinal cancers: strategic approach to predicting and decision making. *Transl Gastrointest Cancer*. 2014;3(4):174-177.
27. **Maserat E**, Seied Farajollah SS, Safdari R, Ghazisaeedi M, Aghdaei HA, Zali MR. Information Engineering and Workflow Designing of Clinical Decision Support System for Colorectal Cancer Screening Program in Iran. *Asian Pacific Journal of Cancer Prevention*, 2015;16(15):6605-8.
28. Javan Amoli AH, **Maserat E**, Safdari R, Zali MR. Electronic Risk Assessment System as an Appropriate Tool for the Prevention of Cancer: a Qualitative Study. *Asian Pacific Journal of Cancer Prevention*, 2015;16(18):8595-8.
29. Sheykhoteyefeh M, Safdari R, Ghazisaeedi M, Mohammadzadeh N, Khademi H, Torabi V, Jebraeily M, **Maserat E**, et al. Information Systems Implementation: An Evaluation of Critical Success Factors in Northeast of Iran. *Global Journal of Health Science*, 2017, 9(52): 93-101.

30. Safdari R, Ghazisaeidi M, Jebraeily M, **Maserat E**, et al. Hospital information systems success: A study based on the model adjusted DeLone and McLean in UMSU hospitals. *European Journal of Experimental Biology*, 2014, 4(5): 37-41.
31. Sheykhotayefeh M, Safdari R, Ghazisaeedi M, Khademi H, Farajolah S, **Maserat E**, et al. Development of a Minimum Data Set (MDS) for C-Section Anesthesia Information Management System (AIMS). *Anesthesiology and Pain Medicine*, (in press).
32. Zali M, Safdari R, **Maserat E**, Asadzadeh Aghdaei H. Designing clinical and genetic guidelines of colorectal cancer screening as an effective roadmap for risk management. *Gastroenterology and Hepatology from bed to bench*, (in press).
33. Safdari R, **Maserat E**, Asadzadeh Aghdaei H, Amoli AH, Mohaghegh H. Person Centered Prediction of Survival in Population based Screening Program by an Intelligent Clinical Decision Support System. *Gastroenterology and Hepatology from bed to bench*.
34. Marjan Ghazisaeedi, Seiede Sedigheh Seied Farajollah, Fatemeh Nayeri, **Elham Maserat**, Leila Keikha, Hamid Bouraghi, Mostafa Sheykhotayefeh. Social media as a beneficial tool to support preterm infants and parents. *International Journal of Medical Research & Health Sciences*. 2016;5(11):356-67.
- 35.
36. **Maserat E**, Davoodi S, Mohammadzadeh Z. Analysis of strengths, weaknesses, opportunities, and threats of electronic dental and oral records in clinics of School of Dentistry, Tehran University of Medical Sciences, Iran: A qualitative study. *Journal of Oral Health and Oral Epidemiology*. 2020 Jan 1;9(1):24-31.
37. Abdekhoda M, **Maserat E**, Ranjbaran F. A conceptual model of flipped classroom adoption in medical higher education. *Interactive Technology and Smart Education*. 2020 Mar 14.
38. **E Maserat**, F Jafari, Z Mohammadzadeh, M Alizadeh, A Torkamannia. COVID-19 & an NGO and university developed interactive portal: a perspective from Iran. *Health and Technology* 10 (6), 1421-1426.
39. Z Mohammadzadeh, L Keikha, E Maserat. Toward Controlling Coronavirus Disease 2019 (COVID-19) Pandemic by Integrated Registry Systems. *Health Scope* 9 (3) ٤
40. **Elham Maserat**, Zeinab Mohammadzadeh, Fereshteh Jafari. Iran, Information Technology Governance, 2019 Novel Coronavirus Response. *Hormozgan Medical Journal*: 24 (4); e107658
41. Z Mohammadzadeh, **E Maserat**. The need for an integrated portal: Effective approach for infodemic management in Covid 19. *Journal of Basic Research in Medical Sciences* 7 (2), 69-70.
42. **Maserat Elham**, Davoodi Somayeh, Mohammadzadeh Zeinab, Kariminejad Reza. Review of challenges and opportunities health information technology-based art therapy in education and treatment. *JOURNAL OF MODERN MEDICAL INFORMATION SCIENCES* Spring 2020 , Volume 6 , Number 1 ; Page(s) 66 To 74.
43. **Maserat E**, mohammadzadeh Z, mpnaghes E. The Impact of modern Health Technologies Training Program on Knowledge of Health Information Management Personnel. *jmis*. 2019; 5 (2) :51-58.



44. Mohammadzadeh Zeinab, **Maserat Elham**, Davoodi Somayeh, Tayari Simin, Shayan Neda, Valizadeh Niloofar. Developing an electronic resources evaluation framework for evidence-based education in medical sciences. *JOURNAL OF MODERN MEDICAL INFORMATION SCIENCES* Fall 2020 , Volume 6 , Number 36 ; Page(s) 52 To 59.
45. Zeinab Mohammadzadeh , **Elham Maserat** , Reza Kariminezhad. Application of Information Technology Models, Approaches and Tools in Covid-19 Management: Rapid Review. *Depiction of Health*. 2020/8/3.
46. Jamileh Abolghasemi, Zeinab Mohammadzadeh, **Elham Maserat**, Reza Kariminezhad. Design and Psychometric Evaluation of User Satisfaction Questionnaire in Integrated Health System for Reliability and Validity. *Depiction of Health*. 2020
47. **Maserat, E.**, Mohammadzadeh, Z., & Monaghesh, E. (2021). Elaboration of a Framework for Assessment of IT-based Interventions in the Field of Autism Disorder. *Depiction of Health*.

## Oral & Poster Presentations

### Selected Oral & Poster Presentations

- **Maserat E**, Samadi N, Mehrnoosh N, Zali MR. Nursing Informatics: New Perspective for Quality Improvement of cancer Care 5th International APOCP General Assembly Conference. 3-7 April 2010, Turkey.
- **Maserat E**, Samadi N, Zali MR. Telepsychiatry: the effective intervention for Improving Cancer Care. 5th International APOCP General Assembly Conference. 3-7 April 2010, Turkey.
- **Maserat E**, Fatemi R, Amin Sharifi Sh Gooran N, Zali N, Samadi N, Safaee A, Moghimi-Dehkordi B, Pourhoseingholi MA, Pourhoseingholi A, Zali MR. Integrated Network of Colorectal Cancer Prevention in Iran: An Approach for Enhancing Quality of Screening. 5th International APOCP General Assembly Conference. 3-7 April 2010, Turkey.
- Fatemi R, Nemati Malek F, Vahedi M, Sivarani S, **Maserat E**, Zali MR. Prevention of Colorectal Cancer in Relatives of Iranian Patents with Colorectal Cancer. 11th World Congress on Gastrointestinal Cancer. 24-27 June 2009, Barcelona, Spain.
- Fatemi R, **Maserat E**, Shivarani S, Nemati Malek F, Iranpour Y, Amin Sharifi Sh, Gooran N, Safaee A, Moghimi-Dehkordi B, Pourhoseingholi MA, Ghafarnejad F, Soltani M, Zali MR. National plan of colorectal cancer screening in Iran. 5th International APOCP General Assembly Conference. 3-7 April 2010, Turkey.
- **Maserat E**, Pourhoseingholi MA, Zali MR. The Big6 model to Knowledge-based virtual education in internet for higher education centers. The 4th international conference Higher Education & Development in Knowledge Based Society Toward in Enhancing Quality and Relevance in Medical & Professional Education. 8-11 September 2007, Iran.

- **Maserat E**, Pourhoseingholi M, Zali MR. Electronic Health Record and Hospital Information System as a retrieval tool in high quality in Commerce Company especially in Assurance Company. The second International e-commerce and world trade conference. 24 Oct 2007.
- **Maserat E**, Pourhoseingholi MA, Zali MR. Comparative Survey Principles of Confidentiality in Electronic Health Record in Selected Countries and Consideration of Total Structure for Iran”. The first International Congress of Medical Law in Iran, Nov. 14-15, 2007.
- Pourkhamneh S, **Maserat E**, Tamasoki Sh. Orthodontic Practice Management & Mobile Health Infrastructures. 10th international congress of IAO. October 21-27, 2012.
- **Maserat E**, Pourkhamneh S. Tele-orthodontics: A new approach to clinical practice, education and research, 10th international congress of IAO. October 21-27, 2012.
- Safdari, Jebraeeli M, Bouraghi H, Farajollah S, **Maserat E**. Critical success factors in implementation e health; international conference on 2012 electronic health. 29 & 30 November, 2012.
- **Maserat E**, Maserat E, Edalati M, Zali MR. High Quality Interaction between Laboratory and Clinical Department by Software of Colorectal Cancer Screening in Iran. 6th International & 11th National Congress on Quality Improvement in Clinical Laboratories. 20-23 April Tehran, Iran.
- **Maserat E**, Safdari R, Javan Amoli AH, Zali Z. Electronic Guideline as an Evidence base method for the Management of Cancer Screening. 1st International Student Congress of Research Integrity and Evidence Practice. December 7-9, 2015.
- Fathi H, **Maserat E**, Nouri M, Boroumand F. Standard Questionnaire for Electronic Oral Health Information System (EOHIS) Analysis in Iran. 12th Annual Congress of Iranian Division of International Association for Dental Research. December 21-23, 2016.
- **Maserat E**. Infrastructures of loving art: Perspectives of Qur’an, Holy Prophet, Infallible Imams and Medical Sciences. International Conference 8th Imamia Medics International; 28th July—10th August 2015.
- **Maserat E**, Safdari S, Asadzadeh Aghdaei H, khoshsirat A, Zali M. Designing Evidence based Risk Assessment System for Cancer Screening as an Applicable Approach for the Estimating of Treatment Roadmap. 5th International Society of Evidence-Based Health care Congress of Best Evidence & Health care Decisions. 8-9 Des 2016, Kish, Iran.
- E-Interaction between Non-Governmental Organizations related to Health and University of Medical Sciences during Covid-19. International E-Conference on COVID-19 & Health System: The Lessons.
- E-Health and Liver Cirrhosis Management during Covid-19 Outbreak. International E-Conference on COVID-19 & Health System: The Lessons.

## ***Attended Workshops***

## **Attended eighteen workshops on research, education and technical fields**

**Workshop Titles:** Information Technology, Research methodology, Virtual coding, Bioinformatics & genome searching, Accreditation and Evaluation, Medical Journalist, Advanced Internet Searching in Medical Sciences, Statistician in Medical Sciences, Endnote, Reference Manager, Colorectal Cancer Screening, Innovative Method for Formative Evaluation for Educational Improvement , Examination Analysis and Scholarship, Layout Principle and Techniques, Teaching Method and Manuscript Reviewer Workshop

## ***Research Interests***

Strategic Planning of e-health, Health Information System, Health Intelligence System, E-Learning, Evidence Based System, Decision Support System with focus on Cancer, Pharmacology and Dental fields