

CURRICULUM VITAE

Personal History:

Hassan Emami



Contact Details:

Shahid Beheshti University of Medical Sciences, Faculty of Paramedical Sciences, Darband St., Ghods Square, Tehran, Iran. Post Code: 1966845471

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Qualifications:

Ph.D. in Management of Technology from the IAU, Science and Research Branch, Tehran, IRAN

DBA (Doctor of business administration) from Heriot Watt University

M.Sc. in Information Technology Engineering from Tarbiat Modares University

M.Sc. in Public Management from Governmental Management Training Center

B.Sc. in Policy Science from Shahid Beheshti University

Current and Previous Positions

2003-2017

- Assistant Professor in Medical Informatics, Department of Information Management and Technology, Shahid Beheshti University of Medical Sciences (2012-2018)

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- Faculty member of Management Department in Tarbiat Modares University (2009-2012)

- Faculty member of MPH Department in School of Health (2003-2015)

Research Projects and Grants

2018- Prioritize setting in the university research

2017- Operational plan for Research vice chancellor of Shaheed Beheshti University of Medical Sciences

2016- Assessment and accreditation in the shaheed Beheshti University of Medical Sciences

2009- Monitor the development of the local network of international branches shaheed Beheshti University of Medical Science

2007- Research Center of Pediatric Infectious- Strategic Management

2006-Neuroscience Research Center - Strategic Management

2006- Cell and Molecular Biology Research Center-plan

2005- Research Center of Urology- Strategic Management

2005 Medical Sciences National Research Center - Strategic management

2004- The prevalence of suicide in Tehran Loghman Hospital,

2004- Tehran Taleghani Hospital- Strategic Management

2004- Satisfaction in serving the country's Blood Transfusion Recipients Annual Survey Plan

2004- Research Center of Gastroenterology and Hepatology- Strategic Management

2004- Monitoring Plan Back Bone shaheed Beheshti University of Medical Sciences

2004- MIS project monitoring Blood Transfusion Country

2004- Endocrinology Research Center- Strategic Management Plan

2004- Educational Research Center of Tuberculosis and Lung Disease-plan

2003- Research on hospital patient satisfaction- Strategic Management

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2003- Research on employee satisfaction. Strategic Management

Teaching

I have been teaching management, health economics and Information technology for 15 years, and my main areas of teaching include the following modules:

Title of Modules	University	Level
Medical informatics	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
New health technologies	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
Information health systems	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
Design and Evaluation of Health Information Systems	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
Application of information technology in health	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	M.Sc.
Research methods in health sciences	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	M.Sc.
Human Resource	Tarbiat Modares University	M.Sc.
Information technology	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
Project Management	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
Information economy	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
Health Information Technologies	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	M.Sc.
Health Economics	School of Health	GP/ M.Sc.
Strategic Management	School of Health	MD/GP/ M.Sc.

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Quality Management	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
Research Science	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
Management Principle	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
EHR	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	M.Sc.
Management theories	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD/ M.Sc.
Project Research	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	B.Sc.

Workshop Presenter:

- Strategic Planning
- FOCUS-PDCA Model
- Quality Management
- Operational planning
- Research priorities
- Creativity and Innovation (Foundation)
- Creativity and Innovation (advanced)
- EFQM
- Human Resource
- Stress Management
- Change Management
- Think Technology
- Business plan

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Skills and Certificates

- Web designer
- Certificate of Achievement
- IT Network Security System
- International Standard ISO 27001 Information Security Management System (ISMS)
- Balanced Score Card
- Internal Quality Audit based on Requirements of ISO 9000: 2000 Series
- Basics, Structure & Documentation of Quality Management System in accordance with ISO 9000: 2000 Series
- Auditor/ Lead Auditor Training Course ISO 9000: 2000 Series
- Lean Six Sigma in health sector
- EFQM assessor
- Evaluation of Micro Science and Technology
- Research Ethics

Publications:

Books:

1. A,zali.h.piri.h.emami.m.frahbakh. University Strategic Transformation Plan.2022
2. M.salari.r.rabiey .h.emami. Digital transformation.2021
3. Emami, H., The seventh program of the IAU.2019
4. Emami, H., Fundamentals of Transparency. 2018
5. Emami, H., Iranian Radiological Society Strategic Program. 2011
6. Emami, H., Strategic Research Program of Tuberculosis and Lung Disease. 2010
7. Emami, H., Strategic Plan Red Crescent Society of Fars Province. 2010
8. Emami, H., Strategic Program Management System Health Information, 2009
9. Emami, H., et all, Strategic Plan Bandar Abbas University of Medical Sciences. 2008
10. Emami, H., Drug Manufacturing Company Strategic Plan Play, 2008
11. Emami, H., Performance Analysis of the October 85 to October 86 universities, 2007
12. Emami, H., National health indicators, 2007
13. Emami, H., Strategies IUMS, 2006

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14. Emami, H., Bojnourd Medical Sciences Strategic Plan, 2006
15. Emami, H., Telemedicine, Persia, 2006
16. Emami, H., Second five-year strategic plan in Judiciary, 2006
17. Emami, H., Scroll Strategic Development Plan, university publication, 2006
18. Emami, H. Education Strategic Plan, 2006
19. Emami, H., Book Abstracts Telemedicine, Persia, 2006
20. Emami, H., University scientific Development Program, 2006
21. Emami, H., Performance Analysis of the October 84 to October 85 universities, 2006
22. Emami, H., Improve methods and processes, university publication, 2006
23. Emami, H., Strategic Document University Research deputy, 2005
24. Emami, H., Strategic Document of Rehabilitation faculty, university publication, 2005
25. Emami, H., Strategic Document Food and Drug deputy, university publication, 2005
26. Emami, h., Performance analysis of seven years, University, 2005
27. Emami, H., Tehran University School of Dentistry Strategic Plan, 2004
28. Emami, H., Strategic document of Medicine faculty, university publication, 2004
29. Emami, H., Strategic Document of health faculty, university publication, 2004
30. Emami, H., Iranian Blood Transfusion Organization Strategic Plan, 2004
31. -Emami, H., Urmia University of Medical Sciences Strategic Plan, 2003
32. Emami, H., Twenty years vision and university program, public relation publication, 2003
33. Emami, H., Management of Health Economics. 2002
34. Emami, H., University Strategic Development Plan, university publication, 2002
35. Emami, H., University scholars, 2002
36. Emami, H., Comprehensive Guide to Medical University, 2002

Key Papers and Presentations

1. Seyyed Hadi Sajadi. Hasan Emami. Methodology and Framework for Proposing the Promotion of the Position and Structure of IT Governance in Public Organizations Based on the Paradigm of Digital Transformation(Case Study of the Social Security Organization of Iran) The CSI Journal on Computing Science and Information Technology Vol. 19, No. 2, 2022
- 2.

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3. M Hajiabadi, B Alizadeh Savareh, H Emami, A Bashiri. Comparison of wavelet transformations to enhance convolutional neural network performance in brain tumor segmentation . BMC medical informatics and decision making 21 (1), 1-11
4. R Rabiei, F Asadi, H Emami, M Ahmadi Hosseini. Quality of coding for trauma using ICD10 .Trauma monthly 26 (3), 130-134
5. S Paydar, H Emami, F Asadi, H Moghaddasi, A Hosseini. Functions and outcomes of personal health records for patients with chronic diseases: a systematic review .Perspectives in Health Information Management 18 (Spring)
6. Mojtaba Vahidi-Asl Ali Garavand , Hassan Emami , Reza Rabiei , Mehdi Pishgahi. Designing the Coronary Artery Disease Registry with Data Management Processes Approach: A Comparative Systematic Review in Selected Registries. International Cardiovascular Research Journal. (2020).14-1. p1-6. 6p
7. Hamid Moghaddasi, Mahnaz Hamedan, Farkhondeh Asadi, Hassan Emami, Forough Rahimi. Integrated Information System for The Older People With A Comprehensive Care Delivery Approach.(2020).
8. Reza Rabiei, Fatemeh Rouzbahani, Farkhondeh Asadi, Hamid Moghaddasi, Hassan Emami, Forough Rahimi. Health Information Governance Program: A Review on Components and Principles.(2020).6-3
9. Hassan Emami Ali Garavand, Reza Rabiei. The attributes of hospital-based coronary artery diseases registries with a focus on key registry processes: A systematic review. Health Information Management Journal.(2020).
10. Farkhondeh Asadi, Hassan Emami, Hamid Moghaddasi, Sara Ghalaneh. Lessons Learned from the Population-Based Multiple Sclerosis Registries in the Developed Countries. Archives of Advances in Biosciences.(2020/1/8).11-1
11. Leila Ghaderi-Nansa, Reza Rabiei, Farkhondeh Asadi, Azamosadat Hosseini, Hassan Emami. Iranian Journal of Public Health.(2020/6/22).
12. Sohrab Almasi, Azamosadat Hosseini, Hassan Emami, Azam Sabahi(2020/8/19).Mobile Health Technology for Hypertension Management: A Systematic Review. Acta Medica Iranica. 249-259
13. Hassan Emami, Farkhondeh Asadi, Hamid Moghaddasi, Sara Ghalaneh. Presenting a Population-based Multiple Sclerosis Registry for Iran. Archives of Advances in Bioscience.(2019/7/1).10-2
14. Hassan Emami Fatemeh Rouzbahani , Reza Rabiei , Farkhondeh Asadi, Hamid Moghaddasi. Information Governance Program: A Review of Applications in Healthcare. Archives of Advances in Bio sciences.(2019).10-1/47-55

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15. Sara Ghalane Hassan Emami, Farkhondeh Asadi , Hamid Moghaddasi. Presenting a Population-Based Multiple Sclerosis Registry for Iran. *Archives of Advances in Bio sciences.*(2019).10-2/18-25
16. Roghayeh Zakizad Abkenar * Hassan Emami , Mohsen Aarabi. Economic Evaluation of Implementing National Beta Thalassemia Prevention Program in Mazandaran University of Medical Sciences. *Mazandaran Univ Med Sci .* (2019). 28(169): 118-129.
17. Hamed Mehdizadeh, Farkhondeh Asadi, Azim Mehrvar, Eslam Nazemi, Hassan Emami. Smartphone apps to help children and adolescents with cancer and their families: a scoping review. *Acta Oncologica.*(2019/7/3).58-7/ 1003-1014
18. Hassan Emami, Reza Radfar, Emami Farhad. Commercialization Modeling and Processes in Pharmaceutical Industry: A Case Study of Presenting an Evaluation Pattern Using Dynamic Programming Model. *Hakim.*(2019).21-3/211-221
19. Akram Fathian, Hassan Emami, Hamid Moghaddasi, Alireza Kazemi, Reza Rabiei. Features of Nursing Management Information Systems: A Systematic Review. *Biomedical Journal of Scientific & Technical Research.*(2019).21-2/ 15773-15781
20. Alizadeh Savareh, B., Emami, H., Hajiabadi, M., et al. (2018). Emergence of Convolutional Neural Network in Future Medicine: Why and How. A Review on Brain Tumor Segmentation. *Polish Journal of Medical Physics and Engineering*, 24(1), pp. 43-53. Retrieved 5 Apr. 2018, from doi: 10.2478/pjmpe-2018-0007
21. Behrouz Alizadeh Savareh, Hassan Emami, Mohamadreza Hajiabadi, Seyed Majid Azimi, Mahyar Ghafoori. Wavelet-enhanced convolutional neural network: a new idea in a deep learning paradigm. *Biomedical Engineering/Biomedizinische Technik.*(2018/2/24).64-2/ 195-205
22. Emami, H., & Radfar, R. (2017). Presentation of a Novel Model for Evaluation of Commercialization of Research and Development: Case Study of the Pharmaceutical Biotechnology Industry. *Iranian Journal of Pharmaceutical Research : IJPR*, 16(3), 1214–1222.
23. Emami, H., Radfar,R., (2016) Evaluation of the commercialization of university R & D (Case Study Shahid Beheshti University of Medical Sciences).
24. A Shahbodaghi, H Emami,(2015). Scientometric investigation of the publication trends of Biotechnology literature in the field of pharmacology through 2013 based on Scopus.
25. Razavi, MR.,Emami.H, ,(2014). Commercialization of research projects in the school of pharmacy at Shahid Beheshti University of Medical Sciences during 2002-2012.

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26. EH Tork Zahrani Sh , Ghaderkhani G , Baghestani AR ,Emami,.H., ,(2014).
Correlation between manager’s leadership style and the implementation process of “
mother friendly hospital plan ” in selected hospitals in west of country Iran.
27. Emami, H., ,(2014). The management of hydra, the very crucial task of accessing
essential drugs.
28. M Ghafoori, M., Emami, H., Sedaghat, A., Shakiba, M., Alavi,. ,(2014).
Quantitative evaluation of Iranian radiology papers and its comparison with selected
countries Iranian Journal of Radiology, 11(1),e5050
29. H Najari, A., Ghorbani, N.R., Sharifinejad, M., Emami,.(2012),.Strategic planning
for research information management system In Health: Lessons learned
30. Emami, H.,(2012). A Study of Cyber Crimes. Journal JPS
31. Emami, H., Key success Factors in E-Learning in Medical Education. (2011).
Australian Journal of Basic and Applied Sciences. P1359
32. H Najafi, L., Hamidi, Y., Ghiasi, M., Shahhoseini, R.,
Emami,.H.,(2011)Performance Evaluation and its Effects on Employees ' job
Motivation in Hamedan City Health Centers.Australian Journal of Basic and
Applied Sciences, 5(12), pp. 1761-1765, P1761
33. Najafi,L., Emami,.H.,(2011) .Considering the Respiratory Diseases Resulted from
Harmful Chemical Factors among Workers in Factories with More than 50
Workers.Australian Journal of Basic and Applied Sciences, P518
34. AG, Masood Poornajaf , Leila Najafi, Ali Aamarlooie,.Hasan Emami(2011)
Designing and Manufacturing Pressurized (Hydraulic) Hydro Chlorinator,Australian
Journal of Basic and Applied Sciences 8 (5), 5 P190
35. Gharehbaghian A, Hatami H, Emami H, Bardeh M, Karimi G. Evaluation of blood
utilization in Rasht . Sci J Iran Blood Transfus Organ. 2010; 7 (2) :101-108
36. Emami, H.,et all, E-Learning in Medical Education , Medical research,2010,p65
37. Emami, H., et all, Indicators used to apply blood, Blood Journal, 2010, p69
38. Emami, H. Key factors of successful e-learning and readiness educational groups in
medical education, Journal of Hospital, 2010, p64
39. Davood Yadegarinia, H Emami, H Peyrovi. Occupational status of Shaheed
Beheshti University of Medical Sciences Graduates in 1993-7. Journal of Medical
Education.(2009).9-2/ 722-722
40. Emami, H., Comparative study of strategic planning and medical sciences
university’s provide an appropriate model for development, implementation and
evaluation, vision book,2007,p112

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41. Kakhki M, Emami H, Oodi A, Rajabpoor Niknam F, Javanbakht A. Satisfaction evaluation of blood donors of Iranian Blood Transfusion Organization in 2003. Sci J Iran Blood Transfus Organ. 2007; 3 (5) :405-411
42. Emami, H., et all, the role of performance indicators in the University Investment Policy, pejoohandeh, 2000, p68

Participation in Congresses With Paper Presentation:

1. Seminar on bio-terrorism and strategies to cope with it, Executive Secretary, 2001
2. Review of Development of IT strategy at the University of Medical Sciences, Committee Member, 2007
3. ICT and e-health applications in medicine, Deputy Committee, 2009

Participation in International Conferences:

1. Sixth International Conference on Strategic Management, Tehran, 2009
2. Seventh International Conference on Quality Management, 2007
3. Tenth Seminar of Pharmaceutical Sciences, Tehran 2006
4. Telemedicine and e-Health, Tehran 2006
5. Sixth International Conference on Statistical, Tehran 2001
6. Management role in providing health services, Kerman, 2000
7. Second International Conference on Quality Management, 2000

Journals' Reviewer and Editorial

2016- Present Journal of Paramedical Sciences (JPS)

2014- Present Health Information Journal (IUMS) (Reviewer)

2012- Present Journal of science & technology parks and incubators (Reviewer)

2008- Present Journal of Pajoohandeh (Reviewer)

Following Ph.D. M.S and MPH theses has been advised:

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1. The evaluation model of the management system for exploiting hospital resources with an ERP approach
2. Provide a model for evaluating the management system
3. Developing an Evaluation Model for Search and Rescue Information
4. A Comparative Study of the Environmental Protection Agency policies on health information technology in developed countries
5. Usability Evaluation of Hospital Information System in Hospitals Affiliated to Ilam University of Medical Sciences
6. Information Governance Program: The Applications in Healthcare
7. Economic Evaluation of the National Program for the Prevention of Major Beta Thalassemia in Mazandaran from 2010-2010
8. Design of object-oriented conceptual model of lung cancer registry
9. Brain MRI segmentation by Convolutional Neural Network(CNN) and wavelet transform for optimal diagnosis of brain tumor
10. population registry model Design for multiple sclerosis in Iran
11. Comparative study of internal and external healthcare information disclosure policies in the United States of America ,the United kingdom, and Canada
12. CORRELATION BETWEEN MANAGER’S LEADERSHIP STYLE AND THE IMPLEMENTATION PROCESS OF “ MOTHER FRIENDLY HOSPITAL PLAN ” IN SELECTED HOSPITALS IN WEST OF COUNTRY IRAN (KORDESTAN, HAMEDAN AND KERMANSHAH PROVINCES) IN 1391
13. Presenting a conceptual model of nursing information system
14. Presenting a conceptual model of personal information record (PHR)
15. The attributes of hospital-based coronary artery diseases registries with a focus on key registry processes
16. architecture model of Medical tourism
17. Smartphone apps to help children and adolescents with cancer and their families
18. Thematic Categorization of Mobile Health Software Packages and their Priority from the Perspective of Iranian Physician

Managerial experience and Responsibilities
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- 2022-Strategic Advisor to the chancellor of the University
- 2021-Responsible for accrediting educational groups
- 2017- Present: Member of Department of Health Information Technology and Management.
- 2017- Deputy Assistant Advisor
- 2016- Assessment consultant
- 2015- Director of Statistics and Information Technology of Shahid Beheshti University of Medical Sciences
- 2011-Committee for Information Technology and Communications University
- 2011- Minister Advisor
- 2010-medical training Faculty Council established
- 2009-Entrepreneurship Faculty Council established
- 2008-School Committee members set up information technology
- 2007-International Medical Branch Council
- 2005-Council information and communication technology Judiciary
- 2004-Community board member holding test
- 2003-Specialized Technical Committee deliberation WFME excellent
- 2002-Supply Resources Committee Secretary
- 2002-Member of Iran's strategic management
- 2002-Commission Secretary Administrative reform
- 2001-Member of University Strategic Committee
- 2000-Director of Statistics and Information Technology Center, University of Shahid Beheshti Medical Sciences
- 2000-Administrative assistant North Health Center
- 1999-Management Consultant Office of Health and Medical Education Minister

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1999-Administrative and Financial Assistant Advisor Iranian Red Crescent Society

1998-Deputy Administrative Advisor Ministry of Health Medical Education

1996-Committee staff members to improve methods

1995-Director General Finance

1995- Vice chancellor advisor

1994- Director Evaluation Office, Inspection and Complaints

1993-Director Office of Student Counseling

1992-Legal Consulting

