

# 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

Email addresses: haemami@sbmu.ac.ir, Haemami1337@yahoo.com

Cell number: 912-105-5900

Telephone number: +98-21-22747373

## 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)

May 25, 2018

## CURRICULUM VITAE

- 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

## CURRICULUM VITAE

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
Design and Evaluation of Health Information Systems	School of Allied Medical Sciences, Shahid Beheshti University of Medical Sciences	PhD
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
Medical Informatics	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.
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.

## CURRICULUM VITAE

### 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

### Skills and Certificates

- Web design
- 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

## CURRICULUM VITAE

-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

<b>Publications:</b>
----------------------

**Books:**

1. Emami, H., Iranian Radiological Society Strategic Program. 2011
2. Emami, H., Strategic Research Program of Tuberculosis and Lung Disease. 2010
3. Emami, H., Strategic Plan Red Crescent Society of Fars Province. 2010
4. Emami, H., Strategic Program Management System Health Information, 2009
5. Emami, H., et all, Strategic Plan Bandar Abbas University of Medical Sciences. 2008
6. Emami, H., Drug Manufacturing Company Strategic Plan Play, 2008
7. Emami, H., Performance Analysis of the October 85 to October 86 universities, 2007
8. Emami, H., National health indicators, 2007
9. Emami, H., Strategies IUMS, 2006
10. Emami, H., Bojnourd Medical Sciences Strategic Plan, 2006
11. Emami, H., Telemedicine, Persia, 2006
12. Emami, H., Second five-year strategic plan in Judiciary, 2006
13. Emami, H., Scroll Strategic Development Plan, university publication, 2006
14. Emami, H. Education Strategic Plan, 2006
15. Emami, H., Book Abstracts Telemedicine, Persia, 2006
16. Emami, H., University scientific Development Program, 2006
17. Emami, H., Performance Analysis of the October 84 to October 85 universities, 2006
18. Emami, H., Improve methods and processes, university publication, 2006
19. Emami, H., Strategic Document University Research deputy, 2005
20. Emami, H., Strategic Document of Rehabilitation faculty, university publication, 2005
21. Emami, H., Strategic Document Food and Drug deputy, university publication, 2005

## CURRICULUM VITAE

22. Emami, h., Performance analysis of seven years, University, 2005
23. Emami, H., Tehran University School of Dentistry Strategic Plan, 2004
24. Emami, H., Strategic document of Medicine faculty, university publication, 2004
25. Emami, H., Strategic Document of health faculty, university publication, 2004
26. Emami, H., Iranian Blood Transfusion Organization Strategic Plan, 2004
27. -Emami, H., Urmia University of Medical Sciences Strategic Plan, 2003
28. Emami, H., Twenty years vision and university program, public relation publication, 2003
29. Emami, H., Management of Health Economics. 2002
30. Emami, H., University Strategic Development Plan, university publication, 2002
31. Emami, H., University scholars, 2002
32. Emami, H., Comprehensive Guide to Medical University, 2002

### Key Papers and Presentations

1. 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
2. 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.
3. Emami, H., Radfar, R., (2016) Evaluation of the commercialization of university R & D (Case Study Shahid Beheshti University of Medical Sciences).
4. A Shahbodaghi, H Emami,(2015). Scientometric investigation of the publication trends of Biotechnology literature in the field of pharmacology through 2013 based on Scopus.
5. Razavi, MR.,Emami.H, ,(2014). Commercialization of research projects in the school of pharmacy at Shahid Beheshti University of Medical Sciences during 2002-2012.
6. 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.

## CURRICULUM VITAE

7. Emami, H., ,(2014). The management of hydra, the very crucial task of accessing essential drugs.
8. 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
9. H Najari, A., Ghorbani, N.R., Sharifinejad, M., Emami.,(2012),.Strategic planning for research information management system In Health: Lessons learned
10. Emami, H.,(2012). A Study of Cyber Crimes. Journal JPS
11. Emami, H., Key success Factors in E-Learning in Medical Education. (2011). Australian Journal of Basic and Applied Sciences. P1359
12. 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
13. 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
14. 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
15. 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
16. Emami, H.,et all, E-Learning in Medical Education , Medical research,2010,p65
17. Emami, H., et all, Indicators used to apply blood, Blood Journal, 2010, p69
18. Emami, H. Key factors of successful e-learning and readiness educational groups in medical education, Journal of Hospital, 2010, p64
19. 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
20. 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
21. Emami, H., et all, the role of performance indicators in the University Investment Policy, pejohandeh, 2000, p68

## CURRICULUM VITAE

### 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:

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



## CURRICULUM VITAE

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

### Managerial experience and Responsibilities

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

## CURRICULUM VITAE

- 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
- 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

## CURRICULUM VITAE

Health websites visual structure: the necessity of developing a comprehensive design guideline.2017

Electronic Health Record Architecture: A Systematic Review.2016

A Study of Population-Based Diabetes Registry in Developed Countries