

## CURRICULUM VITAE

**Name:**

Reza Rabiei

**Contact Details:**

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**Qualifications:**

Ph.D. in Medical Informatics from the University of Sheffield, UK (2006-2010)

M.Sc. in Medical Record Education from Iran University of Medical Sciences (1998-2000)

B.Sc. in Medical Record Administration from Iran University of Medical Sciences (1996-98)

**Current and Previous Positions****2010- present**

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

**2001– 2005**

-Faculty member of Medical Records Department in Kashan University of Medical Sciences, Kashan, Iran

-Member and Secretary of Translation and Publication Committee of Kashan University of Medical Sciences, Iran.

**1999– 2000**

-Internal Manager of Quarterly Journal of Information Management of Iran University of Medical Sciences, Tehran, Iran.

## **Research Experience:**

### **Completed PhD Thesis (Supervised):**

**2016**

- 1- **Shirin Ayani.** Design and Evaluation of a Decision Support System for Calculating Insulin Dose in Patients with Type 1 Diabetes (*Leading Supervisor*)
- 2- **Shahab-Edin Rahmatizadeh.** Design and Evaluation of a Decision Support System for Predication of Graft Survival after Kidney Transplantation (*2<sup>nd</sup> Supervisor*)
- 3- **Hassan Ebrahim Pour.** Developing an Educational-Theoretical Model for Designing Multimedia Educational Software for Nursing Education (*2<sup>nd</sup> Supervisor*)
- 4- **Ali Mohammad Pour.** Developing a General Framework for National Health Information Network in Iran (*2<sup>nd</sup> Supervisor*)
- 5- **Maryam Jahanbakhsh.** Developing an Architectural Model for Summary Care Record (*2<sup>nd</sup> Supervisor*)

### **Completed MSc Dissertations (Supervised):**

**2015**

- 1- **Rihaneh Farshbaf.** Developing A Database Architectural Model for the National Road Traffic Accident Information System
- 2- **Aynaz Nourani.** Comparing the Efficiency of Survival Predication Model in Patients with Colorectal Cancer Based on TNM Guide with Non-Parametric (Multilayer Perceptron Neural Network) and Parametric (Multivariate Logistic Regression) Models
- 3- **Bahareh Ahmadzadeh.** Efficiency of Multilayer Perceptron Neural Network Based on the Number of Hidden Layers and Nodes for Diagnosing Coronary Artery Disease
- 4- **Ramezan Mahmoodi.** Evaluation of Operating Room Management Information System in Hospitals Affiliated to Medical Universities in Tehran, Iran.

**2014**

- 1- **Negin Ostvan.** The Usability Evaluation of Nursing Information Systems in Hospitals Affiliated to Medical Universities in Tehran, Iran.
- 2- **Ghasem Deimazar.** The Evaluation of Hospital-Based Pharmacy Information Systems.
- 3- **Tahereh Rezaei.** The Evaluation of Physiotherapy Information System
- 4- **Soheila Jahangiri.** The Evaluation of Iranian Electronic Health Record Project (Sepas) Based on

Electronic Health Record System Specifications

- 5- **Fariba Ghanbari.** A comparative Study on Data security Standards in Healthcare Systems in Selected Countries
- 6- **Laya Nekoukar.** Assessment of Pharmaco-vigilance Programme in Hospitals Affiliated to Shahd Beheshti University of Medical Sciences

## 2013

- 1- **Amin Norouzi.** The Evaluation of Mental Health Information Systems in Hospitals Affiliated to Medical Universities in Tehran, Iran.

## 2012

- 1- **Somayeh Paydar.** The Evaluation of Radiology Management Information Systems in Hospitals Affiliated to Medical Universities In Tehran, Iran.
- 2- **Elham Maghsoudi. The Evaluation of Nursing Management Information Systems in Hospitals** Affiliated to Medical Universities In Tehran, Iran.
- 3- **Marziyeh Ghorban-Ali Nezhad.** Developing an Evaluation Model for Evaluation of Radiology Department Modalities Application

## Research Projects and Grants

**2012:** Developing a National Data Exchange Model for Iranian Pharmacovigilance Network (Research Grant-Shahid Beheshti University of Medical Sciences)

**2010-** Evaluation of the NHS Choose and Book Service in England (PhD Thesis)

**2003-** Evaluation of Patients' Satisfaction with Health Care Services in Kashan Hospitals (Research Grant: Principal Investigator)

**2003-** Study on Attitudes of Physicians and Nurses Towards Patient's Bill of Rights in Kashan hospitals (Research Grant :Co- Investigator)

**2003-** Quantitative Evaluation of Medical Records Documentation in Kashan Hospitals (Research Grant : Co-Investigator)

**2000-** Dissertation: Evaluation of Medical Records Departments of Teaching Hospitals affiliated to Iran University of Medical Sciences (M.Sc. Dissertation)

## **Teaching**

I have been teaching Health Information and Medical Informatics for 10 years, and my main areas of teaching are aligned with my research interests.

My main areas of teaching include the following modules:

- Design and Evaluation of Health Information Systems
- Human Computer Interaction (HCI)
- Health Information Systems Project Management
- Medical Informatics
- Medical Informatics Standards
- Health Information Technologies
- Health Information Management
- Research Methodology, particularly in relation to Health Information Systems

## **Publications:**

### **Books**

- 1- Vaali, L., Rabiei, R., Ayatollahi, H. (2005). *Introducing to Telemedicine* by Gupta, B.D. Deep and Deep Publications. ( Translated from English to Persian)
- 2- Farzandipour, M., Rabiei, R., Ayatollahi, H., Rangraz Jeddi, F. (2005). *Principle of Medical Documentation*. Iran, Kashan: Morsal (Published Book).
- 3 - Rabiei, R., Ayatollahi, H. (2004). *Health Information Management in Ambulatory Care*. Iran, Kashan: Morsal (Published Book).

### **Key Papers and Presentations**

- 1- Kazemi, A., Rabiei, R. Moghaddasi, M., Deimazar, G. *Pharmacy Information Systems in Teaching Hospitals: A Multi-dimensional Evaluation Study*. (2016). *Healthcare Informatics Research Journal*.22 (3): 231-237
- 2- Rabiei, R., Ayatollahi, H., Rahmani Katigari, M., Hasannezhad, M., Amjadnia, H. (2016). *Epidemiology of Eurban Traffic Accidents: A Study on the Victim's Health Records in Iran*. *Global Journal of Health Science*, 9 (5). DOI <http://dx.doi.org/10.5539/gjhs.v9n5p156>

- 3- Rabiei, R., Moghaddasi, H., Hosseini, A., Paydar, S. (2015). A study on Radiology Management Information System (RMIS) in teaching hospitals affiliated to medical Universities in Tehran, Iran. *Health Information Management*, 12 (1),28-37 [In Persian]
- 4- Moghaddasi, H., Rabiei, R. Mastaneh, Z. (2014). A review study on Pre-hospital Information System in United States of America and England. *Payesh*, 13 (4). [In Persian]
- 5- Moghaddasi, H., Rabiei, R., Sadeghi, N. (2014). Improving the quality of clinical coding: a comprehensive audit model. *Journal of Health Management and Informatics*, 1 (2), 36-40
- 6- Moghaddasi, H., Rabiei, R. (2013). A model for measuring e-health status across the world. *Telemedicine Journal an E-Health*. 19 (4), 322-327
- 7- Rabiei, R., Bath, P.A., Hutchinson, A. & Burke, D. (2009). "The National Programme for IT in England: Clinicians' views on the impact of the Choose and Book service". *Health Informatics Journal*, 15 (3), 167-178.
- 8- Rabiei, R., Hutchinson, A., Bath, P.A. & Burke, D. (2009). "User satisfaction with the England Choose and Book service: the role of training and information technology support". (Poster), In: Bath, P.A., Petersson, G., Steinschaden, T. (eds.) *Proceedings of 14th International Symposium for Health Information Management Research (ISHIMR 2009)*; 14-16 October, 2009, Kalmar, Sweden; pp. 263-264.
- 9- Rabiei, R., Hutchinson, A. & Bath, P.A. (2009). "The National Programme for IT (NPfIT) in England: How can clinicians be encouraged to use the Choose and Book service?", In: Azevedo, L., Londral, A.R. (eds.) *Proceedings of International Conference on Health Informatics (HealthInf 2009)*, 14-17 January, 2009, Porto, Portugal; pp. 211-215.
- 10- Rabiei, R., Ayatollahi, H. (2004). "Application of Medical Records in Telemedicine". In: *proceedings of regional congress on E-Health in the Eastern Mediterranean*. Iran,Tehran.
- 11- Tabibi,S.J., Rabiei, R., Sadooghi,F. (2004). "Evaluation of Medical Records Departments of Teaching Hospitals affiliated by Iran University of Medical sciences". *Journal of Fyze*, 8 (29), 57-65.
- 12- Rangraz Jeddi, F., Rabiei, R. (2005). " A Study on Attitude of Physicians and Nurses Towards Patient's Bill of Rights in Kashan Hospital". *Journal of Behbood*, 9 (1), 62-71.

### **Scholarships and Awards**

**2009-** The John Campbell Trust Scholarship , UK

**2005-** PhD Scholarship from Iran Ministry of Health and Medical Education

### **Journals' Reviewer and Editorial**

**2016** Applied Clinical Informatics (Reviewer)

**2015- Present** Health Information Management Journal (Sage Publication Reviewer)

**2014- Present** Editorial Member to Journal of Iranian Association of Medical Informatics

**2013- Present** Journal of Payesh (Reviewer)

**2012- Present** Health Information Journal ( IUMS) (Reviewer)

**2010-Present** Journal of Paramedical Sciences (Reviewer)

**2003-2005** Secretary and Member of Editorial Board of Kashan University of Medical Sciences

**2003-2004** Journal of Fyze (Reviewer and Assistant Editor)

**1999-2000** Quarterly Journal of Information Management of Iran University of Medical Sciences (Assistant

Editor)

**Responsibilities**

**2013- Present: (Board of Directors )**Treasurer to Iranian Association of Medical Informatics