

CURRICULUM VITAE



Mahmood Tara MD. PhD
Assistant Professor, Director
Department of Biomedical Informatics
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EDUCATION

University of Victoria, Victoria BC, Canada

Ph.D. in Health Informatics **2007**

Dissertation: "Development and Evaluation of a Knowledge Requirements Engineering Model to Support Design of a Quality Knowledge-intensive eHealth Application"

Mashad University of Medical Science, Mashad, Iran

Doctorate in Medicine (with dissertation) **1998**

Dissertation: "A Systematic Evaluation of Medical Education in Iran"

AWARDS

Selected Recipient of National Award for Excellence in Education Management (Motahari Award) for Project: "Stepwise Beyond-location Management of Educational Department" **2013**

First-place Recipient of University Award for Excellence in Education Management (Motahari Award) **2010**

First-place Recipient of University Award for Excellence in Education Program Development (Motahari Award) **2010**

Selected Recipient of University of Victoria PhD Fellowship Award, University of Victoria, Victoria BC, Canada **2006 – 2007**

Second Place, "Gerd Griesser Student and Young Investigators Award on e-Health Security", SECURE eHEALTH: Managing Risks to Patient Data, IMIA WG Security in Health Information Systems (SiHIS) Working Conference, Dijon, France **2006**

Selected Recipient of University of Victoria PhD Fellowship Award, University of Victoria, Victoria BC, Canada **2005-2006**

Selected Recipient of Michel Miller Award for the paper titled "Key Aspects of a Practical Consumer Health Guideline Targeting Bipolar Patients and Their Families", School of Health Information Science, University of Victoria, Victoria BC, Canada **2005**

Selected Recipient of Dr. Julius Schleicher Graduate Award for academic performance, University of Victoria, Victoria BC, Canada **2003**

Appreciation Award for the 'the Best Reported Experience' in the Systematic Optimization in Management for the paper titled Optimizing the Process of the Distribution of Medical Supplies in a Healthcare System, Fourth National Congress of System Optimization, Tehran, Iran **2000**

First place Award, the Provincial Competition of Reading Skills, Mashad, Iran **1994**

First place Award (Best Article) , the National Competition for Improving Tourism Industry, Mashad, Iran	1992
Second place Award , the National Competition of Book-Summarizing Skills, Mashad, Iran	1991

PROFESSIONAL ACTIVITIES (MEMBERSHIP, POSITIONS)

Invited Reviewer. Medinfo 2013 Conference. Copenhagen, Denmark	2013
Director. Department of Medical Records and Health Information Technology. School of Paramedical Sciences. Mashad University of Medical Sciences.	2013
Member. Webometric Committee. Deputy of Research. Mashad University of medical Sciences.	2011-Now
Member. University High Council of Consultants. Mashad University of medical Sciences.	2011-Now
Member. Clinical Governance Committee. Mashad University of medical Sciences.	2011-Now
Invited Reviewer. Medicine 2.0 International Congress. Toronto, ON, Canada, 2009	2009
President. Iranian Academic Association of Medical Informatics (IRAAMI)	2009 - 2011
Member. National Committee for Planning and Evaluation of Medical Informatics Program. Iranian Ministry of Health.	2009 – Now
Head. Department of Research and Development in Education. School of Medicine. Mashad University of medical Sciences	2008-2009
Member. Scientific Committee. Fourth National eHealth Congress. Mashad Azad University. Mashad, Iran	2010
Member. Scientific Committee. First National Congress in Health Information Technology. Hormozgan University of Medical Sciences. Bandar-Abbas, Iran	2009
Member. Scientific Committee. First National eHealth Congress. Tarbiat Modarres University. Tehran, Iran	2008
Assistant CIO- Department of Statistics and Information Technology- Mashad University of medical Sciences	2008-2009
Workgroup Member. ISIRI/TC 215/WG9 National Health Informatics Standard Committee. Iranian Standard Organization	2009-Now
Member. High Council of National Center of Excellence in Education Technology in Medicine	2009-Now
Member. Research Council. School of Medicine. Mashad University of Medical Sciences	2008-2010
Scientific Chair. eHealth Seminar. COMEX 2009. Mashad, Iran	2009
Member. Selected Committee for Medical Education Standard Development. School of Medicine. Mashad University of Medical Sciences	2008-2009
Member. National Scientific Committee for Electronic Health Record. Iranian Ministry of Health.	2008-2009
Founder and Director. Department of Biomedical Informatics. School of Medicine. Mashad University of Medical Sciences	2009- Now
Faculty Member (Assistant Professor). School of Medicine. Mashad University of Medical Sciences	2007- Now
Member. Selected Scholar Committee for National Scientific Plan	2008

Development – Health Information Technology Group. Iranian Ministry of Health	
Member- the Society for Internet in Medicine	2006-2007
Member- American Medical Informatics Association (AMIA)	2006-2007
Guest Lecturer- Consumer Health Informatics, HINF 470: Trends in Health Informatics, UVic School of Health Information Science	2006
Program Committee Member- The 19th IEEE International Symposium on Computer-based Medical System, Salt lake City, Utah, USA. Special Track: Security, Privacy and Confidentiality - Threats and Challenges to Health Systems	2005-2006
Web Site Coordinator/Designer- University of Victoria Official Web Site Design Team, Victoria BC, Canada.	2003-2007
Team Member/Visiting Worker- International group to design Personal Health Record Standards, e-Health Group, National Research Council of Canada, Saint John NB, Canada	2004-2005
Guest Lecturer- Personal Health Records, HINF 415, Patient Care Support System, School of Health Information Science, University of Victoria, Victoria BC, Canada	2004
Guest Lecturer- Genetic and Inherence, HINF 180: Introduction to Biomedical Principles, School of Health Information Science, University of Victoria, Victoria BC, Canada	2003
PhD Trainee- Canadian Institute for Health Research Health Informatics PhD/Postdoc Strategic Training Program (CHPSTP), Canada	2002-2003
Master/PhD Student (Medical Informatics)- School of Health Information Science, University of Victoria, Victoria BC, Canada	2002-2007
Editorial Board Member and Co-founder- Journal of Computer in Medicine, Informatics Center, Mashad University of Medical Sciences, Mashad, Iran	2000-2002
Technical Assistant- Computer Center, Mashad University of Medical Sciences, Mashad, Iran	2000-2002
Member- Advisory Committee to the President for Strategic Planning, Mashad University of Medical Sciences, Mashad, Iran	1999-2000
Technical Assistant Manager- Computer Center, Mashad University of Medical Sciences, Mashad, Iran	1999-2000
President's Representative- Hospital Information System 7 (HIS-7) project, Imam Reza Hospital, Mashad University of Medical Sciences, Mashad, Iran	1999-2000
Manager and Clinician- Badranloo and Raaz Healthcare Centers, Bojnord, Iran	1998-1999
Instructor/Lecturer – Human Biology, School of Nursing, Bojnourd Azad University, Bojnord, Iran	1998-1999
Instructor/Lecturer- Human Anatomy, Bojnord School of Nursing, Bojnord University of Medical Sciences, Bojnord, Iran	1998-2000
Head and Founder- Computer Center, School of Medicine, Mashad University of Medical Sciences, Mashad, Iran	1993-1994

PUBLICATIONS/PRESENTATIONS

M. Tara, F. Tara. Designing and Implementation of a Teleconsulting System to Improve Medical Decisions on Obstetrical Emergencies. Accepted for Oral Presentation at Medicine 2.0 Congress. London, UK	2013
T. Peykani, M. Tara, F. Ebrahimzadeh. Evaluation of the Effectiveness of Electronic	2013

Education in Teaching Skill-based Courses. 4 th International Congress of eLearning and Electronic Education. Shiraz, Iran.	
AA Azizi, MR Hasibian, M Tara. Systematic Review of the Factors Influencing the Implementation and Acceptance of Electronic Health Records. The First International Conference of Electronic Health. Tehran, Iran.	2012
M. Tara. Health Information Services in Web 3(Keynote Presentation). First Regional Conference of Medical Informatics. Tabriz Azad University. Tabriz, Iran.	2012
M. Tara. Semantic Technology and Health Information (Keynote Presentation). 4 th National eHealth Congress. Mashad Azad University. Mashad, Iran.	2011
M. Tara. Semantic Web Architecture to provide eHealth Content and Services (Book Chapter – Premium Reference). Ubiquitous Health and Medical Informatics: Advancements in Web 2.0, Health 2.0 and Medicine 2.0. IGI International, 2010.	2010
M. Tara. Producing Local Multi-disciplinary Medical Meta-knowledge (Keynote Presentation). Medical Informatics Seminar. Shahid Beheshti University of Medical Sciences. Tehran, Iran	2010
M. Tara. Health Brain: A Model to Produce and Discover Local Medical Knowledge (Keynote Presentation). 1 st National Congress of Health IT. Hormozgan University of Medical Sciences. Bandar Abbas, Iran	2010
M. Tara, A. Kushniruk, B. Leadbeater, J. Moehr. A Framework to Support Design of a Consumer-driven Element Set to Tailor Online Consumer Health Resources (Conference Proceeding). 11th World Congress of Internet in Medicine (MEDNET 2006). Toronto ON, Canada, October 2006.	Oct. 2006
M. Tara. A Practical Model for the Personal Health Record (Abstract/Poster). AMIA Spring Conference. Phoenix AZ, USA, May 2006.	May 2006
M. Tara, B. Jung. How Much Our Health Consumer's Data Protected? (Paper) SECURE eHEALTH: Managing Risks to Patient Data, IMIA WG Security in Health Information Systems (SiHIS) Working Conference, Dijon, France.	April 2006
M. Tara. Teen health web sites: Which one is the best for my teenager? (Article) Center for Youth and Society, University of Victoria, Victoria BC, Canada.	2006
M. Tara, A. Kushniruk, Evidence-based Health Informatics: Thoughts and Challenges in Measuring the Impact of Health Informatics Solutions (Presentation), Jochen Moehr Surprise Colloquium, University of Victoria, Victoria BC, Canada.	June 2005
M. Tara. Key Aspects of a Practical Consumer Health Guideline Targeting Bipolar Patients and Their Families (Paper). Michel Miller Award Competition. School of Health Information Science, Victoria, BC, Canada.	2005
M. Tara, A. Kushniruk. Evidence-based Health Informatics: Thoughts and Challenges of Learning from the Past to Propose a Practical Personal Health Record Model (Paper), Submitted to Journal of American Medical Informatics Association (To be Revised).	2005
M. Tara, Modeling the Personal Health Journey (Presentation), School of Health Information Science, University of Victoria, Victoria BC, Canada .	Dec. 2004
M. Tara, A systemic Approach to Personal Health Application Design (Presentation), e-Health Group, National Research Council of Canada, Saint John, NB, Canada.	Oct. 2004
M. Tara, Health Tools and Strategies for engaging Canadian Citizens in Prevention, Wellness, and Public Health (Presentation), National Research Council of Canada, Fredericton NB, Canada.	July 2004
M. Tara, Community-based Knowledge Translation (Presentation), Knowledge Management Workshop, Sherbrooke, QC, Canada.	May 2004
M. Tara, the Personal Health Record (Presentation), HINF Seminar, University of Victoria, Victoria BC, Canada.	Dec. 2003
M. Tara, The lessons learnt from the National Pilot Project of the Hospital Information System in Iran (Presentation), HINF Seminar, University of Victoria, Victoria BC, Canada.	Dec. 2002
M. Tara, Optimizing the Process of the Distribution of Medical Supplies in a	2000

Healthcare System (Book Chapter), Fourth National Congress of System Optimization, Tehran, Iran.

M. Tara. A Guide to the Faculty of Medicine (Book), Mashad, Publication Institute of Ferdowsi University, Mashad, Iran. **1992**

RESEARCH/DESIGN/SYSTEMATIC REVIEW PROJECTS

- M. Tara, J. Moehr, A. Kushniruk, B. Leadbeater, U. Stege, S. MacDonald . **2005-2007**
"Development and Evaluation of a Knowledge Requirements Engineering Model to Support Design of a Quality Knowledge-intensive eHealth Application". Dissertation Research.
- M. Tara, J. Moehr, A. Kushniruk, F. Lau. Exploring Non-software Aspects of Ehealth Application Design: Requirements Engineering and Usability Engineering, Candidacy Exam Project. **2006**
- M. Tara, J. Moehr, A. Kushniruk, F. Lau. Revisiting Semantic Web Architecture Using an Ehealth Context. Candidacy Exam Project. **2006**
- M. Tara, B. Leadbeater. Design and Maintenance of a consumer health infomediary on Health promotional Content for teenagers Y&A (Youth and Alcohol), Funded by Centre for Youth and Society. **2006**
- M. Tara, S. MacDonald. Development and Evaluation of a Design Framework to Build a Consumer-Driven Health Promotion Web Site. Directed Study. **2006**
- M. Tara. A. Kushniruk. Exploring the Added Values of Usability and Usefulness in Participatory Health-Promotion Web Site Design: A Framework for Study Design, Evaluation, and Analysis. Directed Study. **2005**
- M.Tara, J. Moehr. Extracting Key Characteristics of a Practical Personal Health Record Model", Directed Study. **2003-2004**
- M. Tara. OSTAD Software Package: A Guided User Panel for Automatic System Rebuilt. Computer Center, Mashad University of Medical Sciences. **1999-2001**

RESEARCH AREAS OF INTEREST

Requirements Engineering and Conceptual Modeling of Medical or eHealth Applications

Health Information Provision through Semantic Web Services

Medical Knowledge/Meta-knowledge Engineering

Building Useful and Usable eHealth Interfaces (as part of Usability Engineering)

Teaching Experience (Courses Taught)

Health Informatics, PhD Course (2009-Now)

Computer Applications in Medicine, Undergrad Course (2008-Now)

Health Information Systems, PhD Course (2010-Now)

Taxonomy and Ontology, PhD Course (2009-Now)

Health Information Management, Graduate Course (2011-Now)

Research Seminar, MSc/PhD Course (2009-Now)

Information Technology Management in Crisis, Undergrad Course (2013)

Design and Evaluation of Health Information Systems, MSc Course (2012-2013)

Software Skills

Advanced Office 2007-2010

Excel 2007, 2010 and SPSS 15-17

HTML and XML

Mindmapping tools: Mindmanager, iMindMap, FreeMind

OneNote 2007, 2010

Microsoft project 2007

Photoshop CS6

Hobbies

Bicycling, Swimming, Photography, Camping, Travelling.
