

Hamid R. Ekbia

Center for Research on Mediated Interaction
School of Library and Information Science
Indiana University
1320 E. 10th St., Bloomington, IN. 47405-3907
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EDUCATION

Ph.D. Indiana University, Bloomington, IN
Computer Science and Cognitive Science (double major)
Minor: History and Philosophy of Science

M.S. University of California, Los Angeles, CA
Electrical Engineering; awarded with Distinction

B.S. Abadan Institute of Technology, Abadan, Iran
Electrical Engineering; awarded with Distinction
1st Class Honors

RESEARCH INTERESTS

I am interested in *mediated interaction*. The central question of my research is how objects and artifacts mediate the relationships between humans. My overall research agenda investigates the processes through which subjects and meanings emerge in networks of interaction with other subjects and objects. Specific research projects have studied this topic in scientific disciplines (Artificial Intelligence), organizations (Network Organizations, Decision Support Systems, Knowledge Management), distributed collectives (health communities, games, Free/Open Source Software), and complex socio-ecological systems (GIS, Agent-Based Modeling and Simulation).

TEACHING EXPERIENCE

Associate Professor

School of Library and Information Science, Indiana University, Bloomington (2007–)
Core Faculty, Cognitive Science Program, Indiana University, Bloomington (2007–)
Adjunct Associate Professor of Informatics, Indiana University, Bloomington (2007–)
Visiting Professor of Computer Science, Ferdowsi University of Mashhad (2006–)

Assistant Professor

Computer Science Department, University of Redlands (2003 – 2006)

Visiting Lecturer

School of Informatics, Indiana University, Bloomington (2002–2003)

Courses Taught

- Human-Computer Interaction, Health Information Management, Modeling and Simulation, Modeling in GIS, Agent-based Modeling, Communication in Electronic Environments, Artificial Intelligence, Cognitive Science, Social Informatics, Sociology of Science, Technology and Society, Introduction to Informatics, Theory of Computing, Data Structures

and Object-Oriented Programming, Introduction to Programming, Programming for the Web, Software Engineering,

BOOKS

Ekbia, H. (2008). *Artificial dreams: The quest for non-biological intelligence*. Cambridge, UK: Cambridge University Press.

(With Sawhney, H.) (under review). *Constellation of metaphors: Technology, culture, and choice*. MIT Press.

(With Nardi, B.) (in preparation). *Digital Discipline: The Active Complicity of the Modern Subject*.

RECENT PUBLICATIONS

2011

Ekbia, H. (2011). Medicine, Machines, and Mediations: Coordination of Health Work. *Proceedings of the Workshop on Personal Health Records and Patient-Centered Infrastructures*. Trento, Italy, Dec. 12-13.

Ekbia, H. (2011). Patterns of movement in space: An agent-based approach. In K. Johnson (Ed.), *Agent-based modeling and GIS*. Redlands, CA: ESRI Press.

Ekbia, H. (under review). *Metaphor as Social Practice: The Economies of Artificial Intelligence. The Information Society*.

Ekbia, H. & Nardi, B. (in press). Inverse Instrumentality: How Technologies Objectify Patients and Players. In Leonardi, P. M., Nardi, B. & Kallinikos, J. (Eds.). *Materiality and Organizing: Social Interaction in a Technological World*. Ann Arbor, MI: University of Michigan Press.

Ekbia, H. & Suri, V. (under review). The History of Information, The Information of History: Erudite Enactments in Scholarly Work. *Information & Culture*.

Kutz D.O. & Ekbia, H.R. (2011). Designing for the Invincible: Health Engagement and Information Management. Paper presented at the 44th Hawaii Conference on System Sciences, Kauai, Hawaii, Jan.4-7.

Suri, V. & Ekbia, H. (under review). Spatial Mediations in Historical Understanding: GIS and the Evolving Epistemic Practices of History. *Journal of American Society for Information Science and Technology*.

York, W. & Ekbia, H. (2011). Analogy, Aesthetics, and Affect: What Can HCI Designers Learn from AI. *Proceedings of Beyond AI: Interdisciplinary Aspects of Artificial Intelligence*. Pilsen, Czech Republic, Dec. 8-9, 2011.

York, W. & Ekbia, H. (2011). (Dis-)Tasteful Machines? Aesthetic Cognition and the Computational Turn in Aesthetics. *Proceedings of the Annual Conference of the International Association of Computing and Philosophy*. Aarhus, Denmark. July 4-6.

2010

Day, R. & Ekbia, H. (2010). Digital experiences. In Kallinikos, J., Lanzara, G. F. and Nardi, B. (Ed.). The digital habitat — Rethinking experience and social practice. *First Monday*, Volume 15, Number 6 - 7.

Ekbia, H. (2010). Fifty years of research in artificial intelligence. In: Cronin, B. (Ed.) *Annual Review of Information Science and Technology*, Volume 44. Medford, NJ: Information Today/American Society for Information Science and Technology, pp. 201-242.

Ekbia H., Grogg P., Kremmer D. & Kirkley J. (2010). mPower! Using Serious Health Games to Engage College Students in their Health Care. Paper presented at the Midwest Conference on Health Games. Indianapolis, IN, Oct. 29.

Ekbia, H. & Sawhney, H. (2010). Reason, Resistance, and Reversal: Metaphors of Technology in Design and Law. Paper presented at the Annual Meeting of the Society for Social Studies of Science, Tokyo, Japan, August 24-29.

Ekbia, H., Grogg, P. & Kutz, D. (2010). Personal Health Records for College Students: A Case Study. Paper presented at the Workshop in Interactive System in Health, CHI2010, Atlanta, GA, April 11.

Ekbia, H. (2010). Personal Health Records for Self-Management Support. Paper presented at the Wellness Informatics Workshop, CHI2010, Atlanta, GA, April 10.

Ekbia H.R., Burton M.B., Delaurantis P.C., Flanagan M., Wiebke E., Lawley M. and Doebbeling B.N. (2010). A Cognitive Systems Engineering Approach for Improving Surgical Work and Information Flow. Mayo Clinic Conference on Systems Engineering & Operations Research in Health Care, Rochester, MN. August 18–20.

Hockema, S. & Ekbia, H. (2010). The Divorce of Design and Development. *Proceedings of the 4th Design Principles Conference*, Chicago, IL, February 12-14.

2009

Ekbia, H. (2009). Digital artifacts as quasi-objects: Qualification, mediation, and materiality. *Journal of American Society for Information Science and Technology*, 60 (12), 2554-2566.

Ekbia, H., & Evans, T. (2009). Regimes of information: Land use, management, and policy. *The Information Society*, 25, 328-343.

Ekbia, H., & Schuurman, N. (2009). Introduction to the special issue on Geographies of Information Society. *The Information Society*, 25: 289-290.

Ekbia, H. (2009). Regimes of information: A polity model. Paper presented at the 7th European Conference on Computing and Philosophy, Barcelona, Spain, July 1-4.

Ekbia, H. (2009). From Democritus to Descartes: Toward a posthumanist future. Paper presented at Visions of Humanity in Cyberculture, Cyberspace, and Science Fiction Conference, Oxford, UK, July 6-8.

Ekbia, H. (2009). Information in action: A situated view. Paper presented at the Annual Meeting of the American Society of Information Science and Technology, Vancouver, BC, Nov. 6–11.

Ekbia, H., Grogg, P.L., Lohrmann, D., Sullivan, M., & YousefAgha, A.H. (2009). Untying the Gordian knot: The development of an immunization information exchange. *Proceedings of the America's Conference on Information Systems*, San Francisco, CA, August 8-10.

2008

Ekbia, H., & Hara, N. (2008). Quality of evidence in knowledge management research: Scholarly and practitioner literature. *Journal of Information Science*, 34, 110-126.

Leuteritz, T., & Ekbia, H. (2008). Not all roads lead to resilience: A complex systems approach to the study of three habitats. *Ecology and Society*, 13(1), (1). [online] URL: <http://www.ecologyandsociety.org/vol13/iss1/art1/>

Ekbia, H. (2008). Design as a social process: The case of software development. *Proceedings of the Design Research Society Conference*, Sheffield, UK, July 16-19.

Ekbia, H. (2008). Knowing, doing, and talking: The inherent tension of artificial intelligence. *Proceedings of the 2008 North American Computing and Philosophy Conference*, Bloomington, IN, July 10-12.

Ekbia, H. (2008). A grammar of movement: An agent-based modeling approach to location-based services. *Proceedings of the Academic Track, GIS Business Summit*, Chicago, IL, April 28-30.

Ekbia, H. (2008). Review of: Kallinikos, J. (2006). *The Consequences of Information: Institutional Implications of Technological Change*. Cheltenham, UK: Edward Elgar, 2006
The Information Society, 24 (2), 216-218.

2007

Ekbia, H. (2007). Managing network organizations in the knowledge economy: Learning from success and failure. In U. Apte & U. Karmarkar (Eds.), *Managing in the information economy* (pp. 117-147). Berlin: Springer Verlag.

Ekbia, H., & Gasser, L. (2007). Seeking reliability in freedom: The case of F/OSS. In K. Kraemer & M. Elliott (Eds.), *Computerization movements and technology diffusion: From mainframes to ubiquitous computing* (pp. 420-449). Medford, NJ: Information Today.

Ekbia, H. (2007). For a sociology of code. Symposium on Social Informatics. The Annual Meeting of the American Society of Information Science and Technology, Milwaukee, WI, October 19-24.

Ekbia, H. (2007). Mediated interaction: Social informatics in the era of ubiquitous computing. *Proceedings of the 13th Americas Conference on Information Systems*, Keystone, CO, August 10-12.

Ekbia, H. (2007). Transpiring interfaces: Turning transparency on its head. *Proceedings of the First International Workshop on Knowledge-based User Interface*. Athens, Greece, June 19-25.

Ekbia, H. (2007). Review of: Avgerou, C., Ciborra, C., & Land, F. (Eds.). (2004). *The social study of information and communication technology: Innovation, actors, and contexts*. Oxford: Oxford University Press. *The Information Society*, 23(5), 413-414.

Earlier

Ekbia, H. (2006). Taking decisions into the wild: An AI perspective on the design of iDSS. In J. N. D. Gupta, G. A. Forgionne, & M. Mora (Eds.), *Intelligent decision-making support systems: Foundations, applications and challenges* (pp. 79-96). London: Springer Verlag.

Ekbia, H., & Reynolds, K. (2006). Decision support for sustainable forestry: Enhancing the basic rational model. In A. Thompson & K. M. Reynolds (Eds.), *Forestry management: The past and the future* (pp. 497-514). Berlin: Springer Verlag.

Ekbia, H., & Kling, R. (2005). Network organizations: Voluntary cooperation or multivalent negotiation. *The Information Society*, 21(3), 155-168.

Ekbia, H., & Hara, N. (2005). Incentive structures in knowledge management. In D. Schwartz (Ed.), *Encyclopedia of knowledge management* (pp. 238-241). Hershey, PA: Idea Group.

Ekbia, H. (2004). How IT mediates organizations: Enron and the California energy crisis. *Journal of Digital Information*, 5(4). Available from:
<http://jodi.ecs.soton.ac.uk/Articles/v05/i04/Ekbia/>

Ekbia, H., & Kling, R. (2003). Power in knowledge management in late modern times (Recipient of a best paper award). *Proceedings of the Annual Conference of the Academy of Management*. Seattle, WA, August 1-6.

Ekbia, H. (2002). The two senses of 'common sense'. *Proceedings of the 13th Midwest Artificial Intelligence and Cognitive Science Conference*. Chicago, IL, April 13-14.

Ekbia, H. R., & Maguitman, A. M. (2001). Context and relevance: A pragmatic approach. In V. Akman (Ed.), *Modeling and using context* (Lecture Notes in Artificial Intelligence, 2116) (pp. 156-169). Berlin: Springer Verlag.

INVITED TALKS, WORKSHOPS, AND INTERVIEWS

Digital Discipline: The Active Complicity of the Modern Subject. Information Systems and Innovation Group. London School of Economics and Political Science. London, UK, (Dec. 6, 2011).

Multidisciplinary Perspectives on Best Practices for Understanding and Evaluating Clinical Workflows. AMIA Annu Symp. Invited Panel, Boston, MA. (Nov. 13-17, 2010).

NSF Workshop on the Future of Research on Computer Games and Virtual Worlds, University of California, Irvine (Sept. 23-24, 2010).

Workshop on the Future of Research on Free/Open Source Software (June 23-24, 2010). Computing Community Consortium, Computing Research Association, Chicago, IL.

Dubious Partners: Serious Games and Personal Health (April 8, 2010). Health Informatics Seminar. School of Informatics, Indiana University, Bloomington, IN.

Computerization of Health: Personalizing the Impersonal (March 5, 2010). Rob Kling Center for Social Informatics. Bloomington, IN.

Uneven Spatialities — The Material, Virtual, and Cognitive. Interview with Eric Sheppard. *The Information Society*, 25, 364-369.

Health Information and Privacy (October 26–27, 2009)
A Research Agenda for Privacy and Security of Healthcare Technologies Workshop, IUPUI, Indianapolis, IN.

Personal Health Records: An Interactive View (Sept. 23–25, 2009)
The 11th Biennial Regenstrief Institute "Open Health Methodologies" Conference, French Lick, IN.

Cognitive Science: A History (August 4, 2008)
Department of Computer Science, Ferdowsi University of Mashhad, Iran.

SDS Knowledge Portal Workshop (May 6-7, 2008). The Redlands Institute, Redlands, CA.

Minding the Machine (April 15, 2008)
Association for Computing Machinery, Student Chapter, Indiana University, Bloomington, IN.

Agent-Based Modeling in GIS (March 30, 2008). Complex Networks and Systems Series, Indiana University, Bloomington, IN.

Agent Analyst (March 27, 2008). Colloquium, Department of Geography, Indiana University, Bloomington, IN.

SDSS Knowledge Repository Workshop (Feb. 8-9, 2008). The Redlands Institute, Redlands, CA.

Mental Models in Information Science (Feb. 4, 2008)
Seminar on Philosophy of Information Science, School of Library and Information Science, Indiana University, Bloomington, IN.

Social Informatics: The Past and the Future (Nov. 14, 2007)
Student Callout, Rob Kling Center for Social Informatics, Indiana University, Bloomington, IN.

Bridging the Gulf between ABM and GIS: A Three-Tier Approach (April 15-16, 2007)

National Science Foundation Workshop on Agent-Based Modeling of Complex Spatial Systems
University of California, Santa Barbara, CA.

Making Sense of Bugs: A Discourse Analysis Approach (March 26, 2006)
School of Library and Information Science, Indiana University, Bloomington, IN.

Artificial Intelligence: Hype versus Hope (July 14, 2005)
Faculty of Engineering, Ferdowsi University of Mashhad, Iran.

Network Organizations: From Theory to Practice (May 4, 2005)
CRITO Series, University of California, Irvine, CA.

Understanding Change: Lessons from Enron (April 5, 2005)
MBA Program, School of Business, University of Redlands, Redlands, CA.

Discourses of Reliability in Free/Open Software Movement (March 5, 2005)
National Science Foundation Workshop on Social Informatics, Irvine, CA.

Discourses of Reliability in Free/Open Software Development (March 4, 2005)
Colloquium, School of Business, University of Redlands, Redlands, CA.

Network Organizations: An Extended Multivalent Model (Feb. 18, 2005)
School of Library and Information Science, Indiana University, Bloomington, IN.

The Management of Change: Lessons from Enron (April 17, 2004)
MBA Program, School of Business, University of Redlands, Redlands, CA.

Network Organizations: A Multivalent Model (Nov. 7, 2003)
Colloquium, School of Business, University of Redlands, Redlands, CA.

The Role of Representations in Open Source Software Development (Oct. 9, 2003)
National Science Foundation, Continuous Design Workshop, Urbana-Champaign, IL.

How Far Are We Networked, Indeed? (November 20, 2002)
Department of High Technology Management, California State University, San Marcos, CA.

RECENT CONFERENCE AND WORKSHOP PRESENTATIONS

Ekbia, H. (2011). Medicine, Machines, and Mediations: Coordination of Health Work. Workshop on Personal Health Records and Patient-Centered Infrastructures. Trento, Italy, Dec. 12-13.

Ekbia, H. & Sawhney, H. (2011). Matters of Metaphor: The Dynamics of Technological Change. Paper presented at the Annual Meeting of the Society for Social Studies of Science, Cleveland, OH. Nov. 2-5.

York, W. & Ekbia, H. (2011). Analogy, Aesthetics, and Affect: What Can HCI Designers Learn from AI. Beyond AI: Interdisciplinary Aspects of Artificial Intelligence. Pilsen, Czech Republic, Dec. 8-9, 2011.

Ekbia, H. & Nardi, B. (2011). Inverse Instrumentality: How Technologies Objectify Patients and Players. 48th Annual Colloquium of the European Group on Organizational Studies (EGOS). Gothenburg, Sweden. July 7-9..

York, W. & Ekbia, H. (2011). (Dis-)Tasteful Machines? Aesthetic Cognition and the Computational Turn in Aesthetics. Annual Conference of the International Association of Computing and Philosophy. Aarhus, Denmark.]. July 4-6.

Kutz D.O. & Ekbia, H.R. (2011). Designing for the Invincible: Health Engagement and Information Management. Paper presented at the 44th Hawaii Conference on System Sciences, Kauai, Hawaii, Jan.4-7.

Burton, M. Zafar, A. Lehto, M., EKbia, H., & Doebbeling, B. (2011). Understanding How We Care for Patients: Information Needs and Best Practices for Capturing Clinical Workflow. AMIA Annu Symp. Nov. 13-17. Washington D.C.

Ekbia, H. & Sawhney, H. (2010). Reason, Resistance, and Reversal: Metaphors of Technology in Design and Law. Paper presented at the Annual Meeting of the Society for Social Studies of Science, Tokyo, Japan, August 24-29.

Ekbia, H., Grogg, P. & Kutz, D. (2010). Personal Health Records for College Students: A Case Study. Paper presented at the Workshop in Interactive System in Health, CHI2010, Atlanta, GA, April 11.

Ekbia, H. (2010). Personal Health Records for Self-Management Support. Paper presented at the Wellness Informatics Workshop, CHI2010, Atlanta, GA, April 10.

Ekbia H.R., Burton M.B., Delaurantis P.C., Flanagan M., Wiebke E., Lawley M. and Doebbeling B.N. (2010). A Cognitive Systems Engineering Approach for Improving Surgical Work and Information Flow. Mayo Clinic Conference on Systems Engineering & Operations Research in Health Care, Rochester, MN. August 18-20.

Hockema, S. & Ekbia, H. (2010). The Divorce of Design and Development. *Proceedings of the 4th Design Principles Conference*, Chicago, IL, February 12-14.

Oberlin, K. & Ekbia, H. (2009, October). The World City Revisited: Models as Mediators. Annual Meeting of the Society for Social Studies of Science, Washington D. C.

Ekbia, H. (2009). Regimes of information. 7th European Conference on Computing and Philosophy, Barcelona, Spain, July 1-4.

- Ekbia, H. (2009). From Democritus to Descartes: Toward a posthumanist future. Visions of Humanity in Cyberculture, Cyberspace, and Science Fiction Conference, Oxford, UK, July 6-8.
- Ekbia, H. (2009). Information in action: A situated view. Annual Meeting of the American Society of Information Science and Technology, Vancouver, BC, Nov. 6–11.
- Ekbia, H. (2008, November). Chair, Panel on information spaces. Annual Meeting of the American Society for Information Science and Technology, Columbus, OH.
- Ekbia, H. (2008, July). Design as a social process: The case of software development. The Design Research Society Conference, Sheffield, UK.
- Ekbia, H. (2008, July). Knowing, doing, and talking: The inherent tension of artificial intelligence. The 2008 North American Computing and Philosophy Conference, Bloomington, IN.
- Ekbia, H. (2008, April). A grammar of movement: An agent-based modeling approach to location-based services. GIS Business Summit, Chicago, IL.
- Ekbia, H. (2008, April). Chair, Panel on geographies of information society. The Annual Meeting of the Association of American Geographers, Boston, MA.
- Ekbia, H. (2007, October). For a sociology of code. Social Informatics Symposium, Annual Meeting of the American Society for Information Science and Technology, Milwaukee, WI.
- Ekbia, H. (2007, October). The informational style of thinking. Annual Meeting of the Society for Social Studies of Science, Montreal, Québec.
- Ekbia, H. (2007, April). Changing GIS to accommodate change: A critical-technical approach. Paper presented at the Annual Meeting of the American Association of Geographers, San Francisco, CA.
- Turner, T., & Ekbia, H. (2006, June). Representation of change in GIS: From theory to practice. AutoCarto Conference, Vancouver, WA.
- Hara, N., & Ekbia, H. (2005, October). Internet-enabled social movements: Two case studies. Annual Meeting of the Society for Social Studies of Science, Pasadena, CA.
- Ekbia, H., & Strout, N. (2005, October). Standardizing space: The case of a spatial digital library. Annual Meeting of the Society for Social Studies of Science, Pasadena, CA.
- Ekbia, H. (2005, June). Reliability as a sustaining element in free/open source software. 2nd International Conference on Communities and Technologies, Milan, Italy.
- Ekbia, H., & Gasser, L. (2005, March). Discourses of reliability in F/OSS movement. Paper presented for NSF workshop on Social Informatics, Irvine, CA.
- Hara, N., & Ekbia, H. (2004, December). Moving on with technology. OASIS Preconference Workshop, International Conference on Information Systems, Washington D.C.
- Ekbia, H. (2003, October). Multiple mediations: Commodity traders, knowledge brokers, and truth makers. Annual Meeting of the Society for Social Studies of Science, Atlanta, GA.
- Hara, N., & Ekbia, H. (2003, October). Quality of evidence in knowledge management research: Where is the beef? Annual Meeting of the Society for Social Studies of Science, Atlanta, GA.

Ekbia, H. (2003, September). Managing network organizations in the information economy. Paper presented at the Seminar on Management in Information Economy, University of California, Los Angeles, CA.

Ekbia, H. (2003, August). Power in knowledge management. Academy of Management Annual Conference, Seattle, WA.

Ekbia, H., Goldberg, J., & Landy, D. (2003, April). Starting large or small: The unresolved dilemma in connectionist models of language learning. Workshop in Computational Linguistics, Indiana University, Bloomington.

Ekbia, H. (2002, November). AI's disparity syndrome. Annual Meeting of the Society for Social Studies of Science, Milwaukee, WI.

Ekbia, H., & Kling, R. (2002, October). When the Net doesn't work: The case of Enron. The 3rd International Interdisciplinary Conference of the Association of Internet Researchers, Maastricht, The Netherlands.

Ekbia, H. (2002, August). From AI to IS: The challenge of working across disciplines. The International Symposium on Research Methods in Information Science (ISRM), Dallas, TX.

Ekbia, H. (2001, November). Once again, artificial intelligence at a crossroads. Annual Meeting of the Society for Social Studies of Science, Boston, MA.

AWARDS, SCHOLARSHIPS, AND OTHER RECOGNITION

Trustee's Teaching Award **2011**
Indiana University, Bloomington, IN.

Interview

Birth of a Robot: Interview by Abigail Tucker, *The Smithsonian Magazine*, Special issue on Frontiers of Science. **2009**

A Best Paper Award

Academy of Management Conference, Seattle **2003**

Research Fellowship

Center for Research on Concepts and Cognition, Indiana University **1997-02**

Distinguished Masters' Thesis

School of Engineering, University of California at Los Angeles **1979**

Research Fellowship

School of Engineering, University of California at Los Angeles **1978-79**

Overseas Study Scholarship

National Iranian Oil Company **1978-79**

Outstanding Scholars' Award

Abadan Institute of Technology (ranked 1st in class) **1973-77**

SERVICE

Internal

- Director, Center for Research on Mediated Interaction 2009-
- Chair, three doctoral student committees 2009-
- Member, Faculty Search Committee 2009-10
- Member, Doctoral Steering Committee 2007-
- Member of fourteen doctoral advisory and research committees 2007-
- Member, Proudian Scholar Selection Committee 2005-2006
- Member, Dean's Task Force on Summer Research Symposium 2005-2006
- Member, Director of GIS Program Search Committee 2005-2006
- Member, GIS Faculty Search Committee 2004-2005
- Research Analyst: The Redlands Institute for Environmental Science, Management, and Policy 2003-2006
- Member, Student Contract and Graduation Committees 2003-2005
- Member, Student Life Committee 2003-2005

External

- Reviewer, Center for Scientific Review, Patient-Centered Outcomes Research Institute, National Institute of Health 2012-
- Co-Chair, Doctoral Colloquium, iConference 2012, Toronto, CA. 2012
- Member, Program Committee, Social, Computing - Social Cognition -Social Networks and Multiagent Systems Symposium, AISB/IACAP World Conference, Birmingham, UK 2012
- Program Committee Member, Philosophy and Theory of Artificial Intelligence 2011
- Member, Program Committee, Annual Meeting of the American Society for Information Science and Technology, Pittsburg, PE. 2010
- Member, Program Committee, International Symposium on Health Informatics 2010
- Reviewer, Center for Scientific Review, National Institute of Health 2010 -
- Associate Editor, *The Information Society* 2010 -
- Forum Editor, *The Information Society* 2007-2010
- Guest Editor, Special issue of *The Information Society* On Geographies of Information Society 2007-2008
- Member, Leadership Group. Indiana Action II: AHRQ's Accelerating Change and Transformation in Organizations and Networks (ACTION) 2010 -
- Program Committee:
 - International Conference on Advances in Semantic Processing (SEMAPRO 2007) November 4-9, 2007 - Papeete, French Polynesia (Tahiti)
 - International Workshop on Community Informatics (COMINF'06) Nov 2 - Nov 3, 2006, Montpellier, France
- Consultant: National Information Infrastructure for Libya
- Reviewer: *The Information Society*, *Journal of American Society for Information Science and Technology*, *Information Technology & People*, *Science and Technology Studies*, *Management Information Science Quarterly*, *Journal of Digital Information*, *Journal of Information Technology*, *Encyclopedia of Knowledge Management*.
- Reviewer: Academy of Management Conference, Americas Conference on Information Systems, Design Research Society.
- Participant: Spatial Decision Support Portal 2008-
- Participant: Panel on the Knowledge Map of Information Science 2004-2005

PROFESSIONAL EXPERIENCE

- **Cofounder and Board Member**, Sazeh Khavar Company, Mashhad, Iran 1989-96
- **Engineering Director**, Sazeh Khavar Company, Mashhad, Iran 1992-96
- **Project Manager**, Arak Petrochemical Complex, Arak, Iran 1989-92

- **Site Manager**, Tarh Reconstruction Project, Mashhad, Iran **1986-89**
- **Site Manager**, Shariati Power Station, Mashhad, Iran **1983-84**
- **System Analyst**, National Iranian Offshore Oil Company, Tehran, Iran **1981-83**
- **Production Engineer**, National Iranian Offshore Oil Company, Lavan Island, Iran **1979-81**

PROFESSIONAL SOCIETIES

- Member of The American Society for Information Science and Technology
- Member of Society for the Social Studies of Science
- Member of the International Association for Computing and Philosophy
- Member of the American Association of Geographers
- Member of Cognitive Science Society
- Member of the Association for Information Science

LANGUAGES

- Fluent in English and Farsi
- Working knowledge of French and German
- Competent translator of English and Farsi:
 - Translation to Farsi of the Pulitzer-prize winning *Gödel, Escher, Bach: An Eternal Golden Braid* by Douglas R. Hofstadter. 1979. New York: Basic Books (in progress)