Dr. Itamar Shabtai

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PERSONAL

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BIRTH: March 22, 1963, Tel Aviv, Israel
STATUS: Married, two children

EDUCATION

2020   **Special Program**:
         Higher Education Teaching Certificate, The Derek Bok Center for Teaching and Learning, **Harvard University**

2012   **Executive Program**:
         Leadership Strategies for Information Technology in Healthcare, Harvard School of Public Health, **Harvard University**

2006   **Ph.D.** Information Systems, Jerusalem School of Business Administration, **The Hebrew University of Jerusalem**
         Dissertation: *Value of Information for Decision Making in the Healthcare Environment*. Supervised by: Prof. Moshe Leshno

1998   **M.B.A.** Information Systems, Jerusalem School of Business Administration, **The Hebrew University of Jerusalem**

1994   **B.B. (Cum Laude)**, School of Business Administration, **College of Management Academic Studies**

ACADEMIC APPOINTMENTS

2017-2021:   **Vice Rector for teaching and Quality**, The College of Management Academic Studies

2015-2021:   **Dean**, School of Economics, The College of Management Academic Studies

2017-2021:   The Janusz Korczak **Chair** for Academic Excellence in the Digital Age, The College of Management Academic Studies

Since 2021:   **Head**, Management of Information Systems Program, Faculty of Management, The College of Management Academic Studies

2017-2019:   **Academic Director**, Heth Academic Center for Research of Competition and Regulation

2008-2015:   **Academic Director**, Center for Excellence in Teaching and Learning, The College of Management Academic Studies

2008-2015:   **Director**, "Quality Assessment and Assurance", The College of Management Academic Studies

1994-2001:   **Head**, Information Systems and Big Data Analytics program, School of Economics, College of Management Academic Studies

2001-2008:   **Head,** Computers and Information Systems Program, Graduate School of Business Administration, Hebrew University of Jerusalem

Since 2009:   **Visiting Scholar/Professor,** Center for Information Systems and Technology, Claremont Graduate University

Since 2014:   **Visiting Professor,** Executive MBA, International MBA, School of Business Administration, Bar-Ilan University

1998-2008:   **Visiting Professor,** Computers and Information Systems Program, School of Business Administration, Hebrew University of Jerusalem

2004-2010:   **Visiting Professor,** Technology and Information Systems Program, Graduate School of Management, Tel Aviv University

2002-2007:   **Visiting Professor,** Executive MBA – Strategic Management Program, School of Business Administration, Hebrew University of Jerusalem

2002-2006:   **Visiting Professor,** Executive MBA – Integrative Management Program, School of Business Administration, Hebrew University of Jerusalem

OTHER APPOINTMENTS

Since 2015:   **Member of the Board of Trustees**, The College of Management Academic Studies

Since 2012:   **Member of the Board of Directors**, The Israeli National Forum for Excellence in Teaching and Learning in the Higher Education Sector

2015-2021:   **Member of the Higher Academic Council (The College Senate)**, The College of Management Academic Studies

2003-2007:   **Head,** e-Learning initiative, The College of Management Academic Studies

1998- 2006:   **Head,** ERP-SAP Project, School of Business Administration, Hebrew University of Jerusalem
Integrating ERP-SAP into the curriculum of MBA studies - Planning, building and maintaining an ERP lab for teaching and research

2001-2006:   **Member,** Teaching Committee, Graduate School of Business Administration, Hebrew University of Jerusalem

1994-2001:   **Member,** Academic Program Committee, Department of Economics, The College of Management Academic Studies

PROFESSIONAL EXPERIENCE

Dr. Shabtai has more than 25 years of practical consulting experience in the IS/IT arena. The main focus of his activities is leading organizational change and digital transformation processes. He led and was involved in various projects for the adoption, implementation and assimilation of enterprise-wide IT solutions such as ERP and other business solutions as well as redesigning of business processes for business outcomes improvements. He is an expert in adopting digital solutions for building customer involvement and engagement and empower customers/patients/students in various sectors. Dr. Shabtai developed models and methodologies for the assessment and evaluation of the value and outcome of the use of information systems and technologies. He has been a senior consultant to leading healthcare organizations, higher education institutions, High-Tech. companies, telecommunication, industrial, financial and services sectors as well as the Public Sector.

AWARDS (RESEARCH and TEACHING)

2015 - 2016   **Excellence in Teaching – President Award**, The College of Management Academic Studies

2014 - 2015   **Excellence in Teaching – President Award**, The College of Management Academic Studies

2013 - 2014   **Excellence in Teaching – President Award**, The College of Management Academic Studies

2011 - 2012   **Excellent Researcher – President Award**, The College of Management Academic Studies

2007 - 2008   **Excellent Faculty Member – President Award**, The College of Management Academic Studies

2006 - 2007   **Excellence in Teaching – President Award**, The College of Management Academic Studies

2007- 2008   **Excellent Researcher - Research Grant**, The College of Management Academic Studies

RESEARCH GRANTS

2013   Shabtai, I., Barkan, R., Research Authority, College of Management Academic Studies – NIS 15,000

2012   Shabtai, I. (Primary Researcher), Leshno, M., Barkan, R., Harel, N., Ministry of Science and Technology – NIS 396,000

2011   Shabtai, I., Barkan, R., Harel, N., Research Authority, College of Management Academic Studies – NIS 15,000

2008   Shabtai, I., Leshno, M., The National Institute for Health Policy and Health Services Research – NIS 130,000

COURSES TAUGHT (Undergraduate, Graduate, MBA and Executive MBA)

Practicum – Management Information Systems
Seminar – Economic issues in Big Data Analytics

Economic Data Analytics
Economic Models Analysis
e-Learning
EdTech (Educational Technologies) Incubator
Design Thinking and Creative Problems Solving
Integrating Information Systems and ERP
Enterprise-Wide Software Solutions - Adoption, Implementation and Assimilation
Business Simulation
Decision Support Systems
Communication and Networks
Information Security
Introduction to Healthcare Information Systems
Management Information Systems
Introduction to ICT – Policy and Management
Computer Mediated Communication
Electronic Commerce
System Analysis and Design
Computing, Programming Languages and Software
Data Communication
Management Information Systems - Seminar
Information Society - Seminar

PUBLICATIONS

Refereed Journal Papers

Arazy O., Ben-Assuli, O., Kumar, N., Shabtai, I., (2021) "Too Much Information? The Use of Extraneous Information to Support Decision Making in Emergency Settings", Revise and Resubmit – Decision Science Journal

Shabtai, I., Ben-Assuli, O. Vest, J., (2021), "Social Influence and Network Effects in the Diffusion of a Healthcare Information Exchange Network", Submitted to Journal of Medical Systems

Ben-Assuli, O., Padman, R., Shabtai, I., (2020), Exploring Trajectories of Emergency Department Visits using a Laboratory-based Indicator of Serious Illness, *Health Informatics Journal*, Vol. 26, Issue 1, pp. 205-217, https://doi.org/10.1177/1460458218824751 (Health Care Sciences & Services 44/98; Q2)

Ben-Assuli, O., Kumar, N., Arazy O., Shabtai, I., (2018), The Use of Analytic Hierarchy Process for Measuring the Complexity of Medical Diagnosis, Health Informatics Journal

Heart. T., Ben-Assuli, O., Shabtai, I., (2017), "A review of PHR, EMR and EHR integration: A more personalized healthcare and public health policy", Health Policy and Technology, vol. 6, Issue 1, pp. 20-25, http://dx.doi.org/10.1016/j.hlpt.2016.08.002

Ben-Assuli, O., Padman, R., Shabtai, I., (2016), Analyzing Hospital Readmissions Using Creatinine Results for Patients with Many Visits, Procedia Computer Science, Vol. 26, Issue 1, pp. 205-217, DOI :10.1016/J.PROCS.2016.09.054

Shabtai, I., Ben-Assuli, O. AND Leshno, M., (2016), "The Connection Between Viewing Medical Historical Information and Using Clinical Tests", International Journal of Networking and Virtual Organization vol. 16, Issue 2, pp. 157-170

Ben-Assuli, O., Shabtai, I., AND Leshno, M., (2015), "Using Electronic Health Record Systems to Optimize Admission Decisions: The Creatinine Case Study", Health Informatics Journal. http://dx.doi.org/10.1177/1460458213503646

Ben-Assuli, O., Padman, R., Shabtai, I., (2015), On Analyzing Readmissions Using A Trajectory Model: Evidence From Israel, Studies in Health Technologies and Informatics,

Ben-Assuli, O., Shabtai, I., Leshno, M., Hill, S., (2014), "EHR in Emergency Rooms: Exploring the Effect of Key Information Components on Main Complaints", Journal of Medical Systems, vol. 38, Issue 4, pp. 1-8, http://dx.doi.org/10.1007/s10916-014-0036-y

Ben-Assuli, O., Shabtai, I., AND Leshno, M., (2013), "The Contribution of Medical Systems to Admission Decisions in Emergency Rooms", The Israel Medical Association Journal, vol. 152, Issue 11, pp. 684-685

Ben-Assuli, O., Shabtai, I., and Leshno, M., (2013), "The Impact of EHR and HIE on Reducing Avoidable Admissions: Controlling Main Differential Diagnoses", BMC Medical Informatics and Decision Making, doi: http://www.biomedcentral.com/1472-6947/13/49

Ben-Assuli, O., Shabtai, I., and Leshno, M., (2013), "The Influence of EHR Components on Admission Decisions", Health and Technology, doi: http://dx.doi.org/10.1007/s12553-013-0039-6, Vol. 3, Issue 1, pp 29-35

Siniver, E., Shabtai, I., and Gafni, D., (2013), "Cheating on Exams: The Case of Israeli Students", College Student Journal, (In Press, Forthcoming)

Ben-Assuli, O., Leshno, and Shabtai, I., M., (2012), "Using Electronic Medical Record Systems for Admission Decisions in Emergency Departments: Examining the Crowdedness Effect", Journal of Medical Systems. doi: http://dx.doi.org/10.1007/s10916-012-9852-0

Ben-Assuli, O., Shabtai, I., Leshno, M., (2011) "The Impact of Information Technology on Admission Decisions", Journal of Computer Technology and Application, vol.2, no.7, pp. 539-544

Shabtai, I., Leshno M., Blondheim O., Kornbluth J., (2007), "The Value of information for decision making in the healthcare environment" <u>Studies in health technology and informatics</u>,127:91-7

Shabtai I., Bregman D., Dac I., Korman A., "Do eLearning technologies improve higher education teaching and learning experience?", <u>International Journal of the Computer, the Internet and Management</u>, Vol. 16, No. 3, 2009

Shabtai, I., Bregman D., Keinan G., Korman A., "Academic Learning Portal Implementation and Usage", <u>International Journal of the Computer, the Internet and Management</u>, Vol. 15, No. 3, 2007

Shabtai, I., Rimor R., Nossek H., (2006) "Harnessing the Technological Horse to the Pedagogical Wagon: The Adoption of a 'Learning Portal' as a Tool for Improving Quality of Teaching and Learning", <u>Al Hagova</u>

Bregman D., Keinan G., Korman A., Shabtai, I., "Business Game – an Illustrative Web Based eLearning Support Technologies Usage", <u>International Journal of the Computer, the Internet and Management</u>, Vol. 14, No. 1, 2006

Book Chapters

Shabtai, I., Leshno M., Blondheim O., Kornbluth J., "Value of information in the healthcare environment", Medical and Care Compunetics 4, IOS Press, 2007

Shabtai, I. with Soroker, I, and Baum, I., (2019), "Researches on Regulation", Volume 1, Heth Academic Center for Research of Competition and Regulation, The College of Management, Academic Studies

Proceedings (Full) Papers

Shabtai, I., (January, 2019), Reduce Latency Time and Increase Engagement, PM360, https://www.pm360online.com/reduce-latency-time-and-increase-engagement/

Ben-Assuli, O., Padman, R., Leshno, M., Shabtai, I., (2016), "Analyzing Hospital Readmissions Using Creatinine Results for Patients with Many Visits", The 6nd International Conference on Current and Future Trends of Information and Communication Technologies in Healthcare (ICTH 2016), London, UK. (September 19-22, 2016- acceptance rate=33%)

Ben-Assuli, O., Arazy O., Shabtai, I., Kumar, N., Leshno, M., (2016), The Use of Information Systems in Emergency Departments under Various Complication Task Levels, The 10nd Conference of the Israel Chapter of the AIS (ILAIS), Ben-Gurion

University, Beer-Sheva, Israel (July 4, 2016

Ben-Assuli, O., Arazy O., Shabtai, I., Kumar, N., Leshno, M., "The Use of Information Systems in Emergency Departments: the Effect of Task Complexity", 25nd Annual Workshop on Information Technologies and Systems, Texas, USA. (December 12-13, 2015)

Ben-Assuli, O., Padman, R., Bowman, M., Leshno, M., Shabtai, I., (2015), "On Analyzing Frequent Readmissions using a Group-Based Trajectory Model", 25nd Annual Workshop on Information Technologies and Systems, Texas, USA. (December 12-13, 2015)

Ben-Assuli, O., Shabtai, I., Leshno, M., (2014), "Adoption of EHRs Systems: Differentiating Main Associations", 22nd European Conference on Information Systems (ECIS), Tel Aviv, Israel (June 9-11, 2014)

Shabtai, I., Ben-Assuli, O., Leshno, M., Hill, S., (2013), "Improving Medical Decision-Making Using Electronic Health Records Systems", 34th International Conference of Information System (ICIS), Milan, Italy (December 15–18, 2013)

Ben-Assuli, O., Shabtai, I., Leshno, M., (2013), "EHR at Emergency Rooms: Exploring the Influence of Main Components on Main Complaints", International Conference on Health and Social Care Information Systems and Technologies, Lisbon, Portugal

Ben-Assuli, O., Leshno, M., Shabtai, I., Hill, S., (2012), "Assessing the contribution of EHR systems to medical decision-making", 22nd Annual Workshop on Information Technologies and Systems, Orlando, USA

Ben-Assuli, O., Shabtai, I., Leshno, M., (2012), "The Influence of EHR Components on Admission Decisions", 18nd Americas Conference on Information System, Seattle, Washington, USA (August 9-11, 2012)

Ben Assuli, O., Shabtai, I., Leshno M., "The Contribution of Information Technology to Admission Decisions", AMCIS 2011 - The American Conference on Information Systems, August 2011, Detroit, USA

Papers Presented at Conferences with Refereed Proceedings

Shabtai, I., (2021), "Designing and Developing Hybrid Learning Spaces", MEITAL Annual Conference, Tel Aviv, Israel

Shabtai, I., (2019), "EdTech Incubator – Students Solving Higher Education Challenges", MEITAL Annual Conference, Jerusalem, Israel

Ben-Assuli, O., Padman, R., Shabtai, I, (2016), "Analyzing Frequent Hospital Readmissions", SIG Health Workshop at ICIS 2016: Design, Innovation, and Impact

of Healthcare IT, Dublin, Ireland (December 11, 2016)

Ben-Assuli, O., Arazy O., Kumar, N., Shabtai, I., Leshno, M., (2016), "The Use of HIE in Emergency Departments Moderated by the Effect of Task Complexity", The Annual Conference of the Israel Association for Medical Informatics, Avenue, Convention & Events Center, Israel (June 14, 2016)

Ben-Assuli, O., Arazy O., Shabtai, I., Kumar, N., Leshno, M., (2016), "The Use of Information Systems in Emergency Departments: the Effect of Task Complexity", 6nd International Jerusalem Conference on Health Policy, the Israel National Institute for Health Policy Research, Jerusalem (May 23-25, 2016)

Ben-Assuli, O., Padman, R., Bowman, M., Leshno, M., Shabtai, I., (2015), "Forecasting Readmissions using Group-Based Trajectory Model", 6nd International Jerusalem Conference on Health Policy, the Israel National Institute for Health Policy Research, Jerusalem (May 23-25, 2016)

Ben-Assuli, O., Shabtai, I., Leshno, M., (2013), The Impact of EHR Systems on Reducing Avoidable Admissions for Main Differential Diagnoses", 5th International Jerusalem Conference on Health Policy, the Israel National Institute for Health Policy Research, Jerusalem (June 3-5, 2013)

Siniver E., Shabtai I., Gafni D., "Cheating in the Classroom", ICABEEP 2011, July 12-16 2011, Exeter, England

Shabtai, I., Leshno, M., "The Impact of Information Technology on Admission Decisions", MCIS 2010 – Mediterranean Conference on Information Systems, September 2010, Tel Aviv, Israel

Shabtai, I., Lichtenstein, Y., Milstein, I., Ben Assuli, O., "Social Influence and Network Effects in the Diffusion of a Healthcare Information Exchange System", MCIS 2010 – Mediterranean Conference on Information Systems, September 2010, Tel Aviv, Israel

Ben Assuli, O., Leshno, M., Shabtai, I., Blondheim, O., (2009), "The Impact of Medical Information on Admission Decisions in ED", 4nd International Jerusalem Conference on Health Policy, The Israel National Institute for Health Policy Research, Jerusalem

Shabtai, I., Leshno M., "Normative value of information in the decision process at the healthcare environment", AMCIS 2009 - The American Conference on Information Systems, August 2009, San Francisco, USA

Ben Assuli, O., Shabtai, I., Leshno M., "The Realistic Value of Information in Medical Decision-Making Processes in Emergency Departments", ILAMI 2009, The Conference of the Israeli Association for Medical Informatics, May 2009, Tel-Aviv, Israel

Ben Assuli, O., Shabtai, I., Leshno, M., "The Impact of Medical information on Decision-Making Processes in Emergency Departments", 4th ILAIS Conference - Israel Association for Information Systems (A Chapter of the Association for Information Systems), May 2009, Beer-Sheva, Israel

Shabtai I., Bregman D., Dac I., Korman A., "Do eLearning technologies improve higher education teaching and learning experience?", to be presented at: eLearningAP 08 Conference, December, 12-14 2008, Bangkok, Thailand

Shabtai, I., Bregman D., Keinan G., Korman A., " Academic Learning Portal Implementation and Usage", Fourth International Conference on eLearning and Knowledge Based Society, November, 2007, Bangkok, Thailand

Shabtai, I., Leshno M., Blondheim O., Kornbluth J., "Value of information for decision making processes in the healthcare environment", ICMCC 2007, June 2007, Amsterdam, Netherland

Bregman D., Shabtai, I., Keinan G., Korman A., "Business Game – an Illustrative Web Based eLearning Support Technologies Usage", Third International Conference on eLearning and Knowledge Based Society, August 3-4, 2006, Bangkok, Thailand

Shabtai, I., Leshno M., Kornbluth J., Blondheim O., "Value of information in the decision process at the healthcare environment", ILAMI - The Israel Association for Medical Informatics, May 2006, Tel-Aviv, Israel

Shabtai, I., Leshno M., Kornbluth J., Blondheim O., "Realistic value of information in the decision process at the healthcare environment", ILAMI - The Israel Association for Medical Informatics, May 2005, Tel-Aviv, Israel

Shabtai, I., Leshno M., Kornbluth J., Ben Assuli, O., "Subjective value of information in the decision process at the healthcare environment", ILAMI - The Israel Association for Medical Informatics, June 2004, Tel-Aviv, Israel

Shabtai, I., "Information Systems Success Measurement", First Annual Doctoral Consortium in Israel - Computer-Mediated Communication, University of Haifa, September 2002, Haifa, Israel [in Hebrew]

Shabtai, I. "Planning the Implementation of ERP-SAP at the MBA Program of the Jerusalem School of Business Administration", SAPPHIRE 2000, Las Vegas, U.S.A.