

# Michael Khalemsky, PhD

<https://www.linkedin.com/in/khalemsky>



## Education

PhD – Information Systems Bar-Ilan University, The Graduate School of Business Administration Dissertation: "The Effectiveness and Potential of Smartphone-based Crowdsourced Emergency Response Communities"	2014 - 2020
The Hebrew University, The Jerusalem School of Business Administration MBA – Information System and Finance	2000 – 2003
The Hebrew University, The Faculty of Social Science BA – Economics and Business Administration	1997 - 2000

## Teaching Experience

<b>Adjunct Lecturer</b> - Hadassah Academic College <ul style="list-style-type: none"><li>• Introduction to Information systems</li><li>• Information Systems for Human Capital Management</li><li>• Research Methods</li></ul>	2010 - present
<b>Adjunct Lecturer</b> – Bar-Ilan University – Graduate School of Business Administration (temporary position) <ul style="list-style-type: none"><li>• System Analysis</li></ul>	2019 - 2020
<b>Adjunct Lecturer</b> – Sami Shamoon College of Engineering (temporary position) <ul style="list-style-type: none"><li>• System Analysis</li></ul>	2018 - 2019
<b>Adjunct Lecturer</b> – Lev Academic Center <ul style="list-style-type: none"><li>• ERP introductory course (some groups - in English)</li><li>• Introduction to Information Systems</li><li>• Final Project tutor</li></ul>	2010 – 2018
<b>Head of Information Systems Program &amp; Adjunct Lecturer</b> – Peres Academic Center <ul style="list-style-type: none"><li>• System analysis &amp; Database management</li><li>• Introduction to information systems</li><li>• Projects management</li><li>• IT Seminar</li></ul>	2006 – 2014
<b>Adjunct Lecturer</b> – Lander Academic Center <ul style="list-style-type: none"><li>• Introduction to information systems</li></ul>	2006 – 2009
<b>Adjunct Lecturer</b> - The Hebrew University, The School of Business Administration <ul style="list-style-type: none"><li>• ERP introductory course</li><li>• Introduction to Information Systems</li></ul>	2003 – 2009
<b>Teaching assistant</b> - The Hebrew University, The School of Business Administration	2001 - 2003

## Academic Activities

<b>Ph.D. Student</b> - Bar-Ilan University, The Graduate School of Business Administration, The Social Intelligence Lab ( <a href="https://www.socialintelligencelab.org">https://www.socialintelligencelab.org</a> )	2014 - 2020
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**Substitute Management Committee Member** - The COST association – Action 15105 (Medicine Shortages) 2015 - present

**Research Assistant** - Bar-Ilan University, The Graduate School of Business Administration. Design of the Emergency Response Community system (server side, GIS, Android app and HTML5 website). Managing a development team of 12 developers. 2014 – 2015

**Peer reviews for leading journals:** Decision Support Systems, Big Data, New Media and Society, European Conference on Information Systems, Journal of Medical Internet Research

## Grants and Awards

2020 – President of the Bar-Ilan University prize for publication of an article.  
2019 - President of the Bar-Ilan University prize for publication of an article.  
2019 – Sami Shamoon College of Engineering – teaching excellence award.  
2015 - Lev Academic Center - teaching excellence award.

## List of Publications

### Peer reviewed papers

Khalemsky, M., Schwartz, D. G., Herbst, R., & Jaffe, E. (2020). Motivation of emergency medical services volunteers: a study of organized Good Samaritans. *Israel Journal of Health Policy Research*, 9, 1-12. Q2 (SJR ranking).

Schwartz, D. G., Ataiants, J., Roth, A., Marcu, G., Yahav, I., Cocchiario, B., Khalemsky, M. & Lankenau, S. (2020). Layperson reversal of opioid overdose supported by smartphone alert: A prospective observational cohort study. *EClinicalMedicine*, 100474. Q1 (SJR ranking).

Khalemsky, M., Schwartz, D. G., Silberg T., Khalemsky A., Jaffe, E., Herbst, R. (2019) Childrens' and Parents' Willingness to Join a Smartphone-Based Emergency Response Community for Anaphylaxis: Survey. *JMIR mHealth uHealth* 2019 7(8) e13892. doi:10.2196/13892. Q2 (SJR ranking).

Khalemsky, M., & Schwartz, D. G. (2017). Emergency Response Community Effectiveness: A simulation modeler for comparing Emergency Medical Services with smartphone-based Samaritan response. *Decision Support Systems*, (102), 57–68. <https://doi.org/10.1016/j.dss.2017.07.003>. Q1 (SJR ranking).

### Publications under review

Khalemsky, M., Bellou, A., Karamerkan, M. A., Moeckel, M., Castrillo, L. G., Schwartz, D. G. Physicians' attitudes towards smartphone-based Emergency Response Communities for Anaphylaxis: Survey. Under consideration for publication in the *Journal of Telemedicine and Telecare*. Q2 (SJR ranking).

Jaffe, E., Khalemsky, M., Khalemsky A. Game-related injuries in schools: A retrospective nationwide six-year evaluation. Under consideration for publication in the *Journal of School Health*. Q1 (SJR ranking).

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## Papers and Abstracts - Proceedings of Conferences

ILAIS 2018 (Ashdod, Israel) "Willingness to join a smartphone-based emergency response community - evidence from a field study"

BizDoc 2017 (Bar-Ilan, Israel) "Organized Good Samaritans – a new type of EMS volunteers".

INFORMS 2016 (Nashville, USA) "The Emergency Response Community Effectiveness Modeler (ERCEM): a Monte Carlo - based simulation modeling tool to compare EMS with smartphone-based Samaritan response".

WISC 2016 (Jerusalem, Israel) – "Emergency Response Community Effectiveness: An Analysis Of Anaphylaxis-related EMS Events In The USA". (poster)

## Industry Experience

- Solutions Architect – Digital Innovations** – Government of Israel 2018 - present
- Business analysis and architecture of integrative and innovative solutions. SAP and non-SAP.
  - Program Manager - e-Procurement - electronic tenders, live auctions, purchasing committees management.
  - Solution Architect and Project Manager - Digital Guarantees - exchange of digital guarantees among government offices, suppliers and guarantees providers (banks and insurance companies)
  - Solution Architect and Project Manager - digital signatures in various processes
- SAP Application Manager** – Government of Israel 2012 – 2018
- Head of implementation & development group in Merkava Project for Israeli Government -managing 80 SAP consultants (all modules) and ABAP developers. Annual budget of \$7,000,000 budget under direct supervision.
  - Personally led several major projects:
    1. Suppliers portal
    2. Digital signatures on purchase orders
    3. Electronic tenders
    4. Subsidizing meals for government employees
    5. Digital guarantees
- Senior SAP Consultant and Project Manager** – Government of Israel 1999 – 2012
- Real Estate, Plant Maintenance and Fleet Management Team Leader
  - Main projects as project manager:
    1. SAP Real Estate implementation (successful go live in 2003)
    2. SRM implementation (successful go live in 2007)
    3. Fleet management implementation (successful go live in June 2012)

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## Professional Courses

2001	Governmental accounting
2001	SAP020 – R/3 Overview
2001	LO020 – Logistics and Procurement in SAP R/3
2001	AC010 – Financial Accounting and Reporting
2001	AC040 – Cost Management & Controlling
2001	AC290 – Real Estate Management
2002	ASAP94 – Advanced Customizing Tools
2003	Financial Accounting in Government
2003	SAP50 – Overview of Basis Technology
2006	AC295 – Flexible Real Estate Management
2008	Cyber Warfare - basics
2012	Projects Management – PMI methodology
2013	Chief Information Officers course
2014	ABAP for implementation consultants
2015	BC400 - ABAP Workbench Foundations

## Skills

Languages: **Hebrew** (native or bilingual proficiency), **Russian** (native or bilingual proficiency), **English** (full professional proficiency), **French** (limited professional proficiency).

IT skills: SAP ECC, SPSS, MS-Office, MS-Project, Visio, Primavera.

## Certifications

PMP – Project Management Professional (License 1653943) – 2013 – present

Certified Systems Analyst (License 2835 - Israel) – 2004 - present