

Prof. E. Zilla Sinuany-Stern

CURRICULUM VITAE AND LIST OF PUBLICATIONS

Personal Details

Name: Zilla Sinuany-Stern

Marital status: Married +3

Work address: Department of Industrial Engineering and Management
Ben-Gurion University of the Negev, Beer Sheva, 84105, Israel

Home address: 7A/13 Narkis St., Jerusalem, 9246107, Israel

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Education

1978 PhD, Operations Research, School of Management, Case Western Reserve University, Cleveland, Ohio

1973 MA, Statistics, Tel-Aviv University, Israel

1971 Teaching Certificate, Mathematics, Tel-Aviv University, Israel

1970 BA, Economics and Statistics, Tel-Aviv University, Israel

Employment History

2016–present Professor Emeritus, Department of Industrial Engineering and Management, Ben-Gurion University of the Negev (BGU), Israel

1995–2016 Full Professor, tenured, Department of Industrial Engineering and Management, BGU

2000–2008 **Rector, Ariel University of Samaria** (VP. for Academic Affairs)

1988–1994 Associate Professor, tenured, Dept. of Ind. Eng. & Mgmt., BGU

1988–1990 Adjunct Professor, Hebrew University, School of Business

1984–1988 Senior Lecturer, tenured, Dept. of Ind. Eng. & Mgmt., BGU

1984–1985 (Sabbatical) National Center for Higher Education Management Systems, Boulder, Colorado

1979–1980 Adjunct Lecturer, Bar-Ilan University, Department of Mathematics

1978–1984 Lecturer, BGU, Dept. of Ind. Eng. & Mgmt., BGU

1974–1978 Lecturer, Case Western Reserve University

1971–1974 Lecturer and Teaching Assistant, BGU, Departments of Economics, Statistics and Mathematics

Visiting Scholar

2016–2017	Cass Business School, City Univ. of London, UK
2015	UADE, Buenos Aires (2 weeks)
2014–2015	NEU, Boston (4 months)
2011	University of Melbourne (2 months)
2009–2019	University of Vienna (in total 9 months)
2009	University of Graz (1 month)
2008–2009	RUTCOR, Rutgers University (3 months)
2008	Kansas State University, Manhattan (3 months)
1984–1985	National Center for Higher Education Management systems, Bolder, CO

Positions and professional functions in the Council for higher Education

2012–2017	Member of the Council for Higher Education in Israel (CHE)
2012–2017	Chair of the Quality Assurance Committee, CHE
2012–2017	Member of the Accreditation committee of Science & Engineering, CHE
2013–2017	Member of the Policy and development committee
2013–2017	Member of the Accreditation committee
1999–2000	Member of the Strategic Planning committee, CHE
1999–2007	Committee Member of the CHE for evaluating various Academic Programs in several institutions of HE.
1995–2000	Member of the Committee for Rethinking Higher Education in Israel: Academic Administration Excellency, CHE

Other professional functions in Israel

2005–2012	Member of the Board of Directors of the Haredi College in Jerusalem
2005–2012	Member of the Board of Directors of Ariel University Center (AUC)
1996–2000	President of ORSIS (Operations Research Society of Israel)
1992–1996	Vice President of ORSIS
1991–2005	Representative of ORSIS in EURO
1992–2005	Representative of ORSIS in IFORS (Intl. Fed. of Operations Research)
1983–1984	Council member of ORSIS
1980–1995	Representative of BGU in the Sfaradic Federation PhD Grants' Committee

International professional functions

2008–2012	Member of EDSM (EURO Distinguished Service Medal) Jury
2012–2013	Chair of EDSM Jury
2000–2004	Vice President of EURO (European Association of Operational Research)
1976–1978	President of the Israel Student Organization, Cleveland area
1975–1978	Co-chairperson of the ORSA/TIMS (Operations Research Society of America) student chapter in Cleveland, Ohio

Awards, Honors, Fellowships

2015–2016 Chair – Sir John and Lady Cohen Professor of Business and Industrial Management

- 2010 ORSIS Prize on excellent paper with Alper D
- 1978 CWRU, School of Management, and Travel Grant (1978)
- 1978 Prize Competition, Operations Research Society of America, Educational Science Section, one of the three finalists
- 1978 Omega Rho, the International Honorary Society of Operations Research
- 1974–1978 Fellowship and Graduate Assistant, Case Western Reserve University
- 1969–1971 Fellowship and Teaching Assistant, Statistics Dept., Tel Aviv University

Positions in academic administration at BGU

- 2010–13, 2015-6 Member, Promotion Committee, Dept. of Ind. Eng. & Mgmt
- 2012–2013 Member, Promotion Committee, School of Engineering
- 2009–2012 Head of the Doctorate Program Committee, Dept. of Ind. Eng. & Mgmt
- 2009 Member of the Search Committee for the Dean of the School of Mgmt
- 2009 Member of the University Committee for Selecting Excellent Projects
- 2003–2007 Member, Promotion Committee, Faculty of Eng. Sci.
- 1998–2001 Member, promotion committee, School of Management
- 1996–2000 Head of Promotion committee, Dept. of Ind. Eng. & Mgmt
- 1996–2000 Member of the Univ. Board of Directors (elected by Senate)
- 1996–2000 Member of the Research Authority Council (elected by Senate)
- 1996–1998 Member of the Council of the Faculty of Social Sciences (elected by Senate)
- 1996–2000 Member of the Management committee, Ind. Eng. & Mgmt
- 1992–1994 Head, Department of Ind. Eng. and Mgmt
- 1989–1991 Head, Graduate Studies Committee, Ind. Eng. & Mgmt
- 1987–1988 Coordinator of the Departmental Seminar, Ind. Eng. & Mgmt
- 1986–1990 Acting Head (during the summers), Ind. Eng. & Mgmt
- 1982–1984 Head of the Graduate Studies Committee, Ind. Eng. & Mgmt
- 1979–1982 Advisor of the Industrial Management Graduate Program

Session chair at conferences

- 1983 Applications of Computers in Industry, Beer Sheva, Israel
- 1984 ORSIS, Beer-Sheva, Israel
- 1990 Fifth Conference of Industrial Engineering and Management, Hertzlia, Israel
- 1990 International Federation of Operations Research (IFORS), Athens, Greece
- 1991 ORSIS, Tel-Aviv, Israel
- 1992 TIMS/EURO, Helsinki, Finland
- 1993 IFORS, Lisbon, Portugal (organized 1 session)
- 1994 EURO, Glasgow, UK
- 1995 EURO, Jerusalem, Israel (organized 5 sessions)

- 1996 IFORS, Vancouver, Canada (organized 3 sessions)
- 1997 INFORMS/EURO, Barcelona, Spain (organized 2 sessions)
- 1998 INFORMS, Tel-Aviv, Israel
- 1998 EURO, Brussels, Belgium
- 1999 IFORS, Beijing, China
- 2000 EURO, Budapest, Hungary
- 2000 ORSIS, Eilat, Israel
- 2000 11th Conference of Industrial Engineering and Management, Beer Sheva
- 2001 EURO, Rotterdam, The Netherlands
- 2001 ORSIS, Zichron Yaakov, Israel
- 2002 IFORS, Edinburgh, UK
- 2002 ORSIS, Shefaim, Israel
- 2002 12th Conference of Industrial Engineering and Management, Tel Aviv, Israel
- 2003 The 1st Israeli Industrial Engineering Research Meeting, Tel-Aviv, Israel
- 2004 ORSIS, Ashkelon, Israel
- 2004 IEM, Tel-Aviv, Israel
- 2005 Israeli Industrial Engineering Research Meeting, Tel-Aviv, Israel
- 2008 15th Conference of Industrial Engineering and Management, Tel-Aviv, Israel
- 2009 EURO, Bonn, Germany (invited to organize a session)
- 2010 ORSIS, Nir Etzion, Israel
- 2010 EURO, Lisbon, Portugal (invited to organize a session)
- 2011 Intercultural Ties in Higher Education and Academic Teaching, Ariel
- 2012 IE, Tel Aviv, Israel
- 2012 EURO, Vilnius, Lithuania (invited to organize a session)
- 2015 IE, Tel Aviv, Israel

Conference organizing/program committees

- 1984 Chair, ORSIS, Beer Sheva, Israel
- 1992 Chair, ORSIS, Ashkelon, Israel
- 1994 ORSIS, Mitzpe Ramon, Israel
- 1995 Chair, EURO, Jerusalem, Israel
- 1996 ORSIS, Tel-Aviv, Israel
- 1997 INFORMS/EURO, Barcelona, Spain
- 1998 10th Conference of Industrial Engineering and Management, Haifa, Israel
- 1998 INFORMS, Tel-Aviv, Israel
- 1999 ORSIS, Dead Sea, Israel
- 2000 ORSIS, Eilat, Israel
- 2000 EURO, Budapest, Hungary
- 2001 ORSIS, Zichron Yakov, Israel
- 2001 EURO, Rotterdam, The Netherlands
- 2002 ORSIS, Kibutz Shefaim, Israel
- 2002 IFORS, Edinburgh, UK
- 2003 EURO/INFORMS, Istanbul, Turkey

- 2004 EURO, Rhodes, Greece
- 2006 Contemporary Issues in Higher Education, Yekaterinburg, Russia
- 2007 Contemporary Issues in Higher Education, Ariel
- 2008 11th Conference of Industrial Engineering and Management, Tel-Aviv, Israel
- 2009 Contemporary Issues in Higher Education, Ariel, Israel
- 2010 ICIL 2010 Brazil-Logistics and Sustainability,
- 2011 Intercultural Ties in Higher Education and Academic Teaching, Israel
- 2012 ICIL 2012 Croatia – International Conference on Industrial Logistics
- 2013 DEA Workshop on Productivity Regulation and Transportation, Research
Workshop the Israel Science Foundation (ISF), Jerusalem, Israel
- 2014 ICIL Croatia – International Conference on Industrial Logistics
- 2016 ICIL Poland – International Conference on Industrial Logistics
- 2018 Chair, ICIL Israel - International Conference on Industrial Logistics

Professional consulting

- 2008–2009 Police – Evaluating the project "City with no violence": using DEA
- 2000–2003 Public Utilities Authorities – Electricity, State of Israel, Efficiency
of Electric companies via DEA, and benchmark analysis
- 1978-1979 Commission for Higher Education, Indiana, USA, planning and
forecasting students' enrollment and constructing computerized cash-
flow management system
- 1975-1978 Cuyahoga Community College, Cleveland, OH, planning and
forecasting students' enrollment and budget planning

Editor or member of editorial board of scientific or professional journals

- 1995–1999, 2009–2014 Special volumes editor, Annals of Operations Research (with
Sherman)
- 1997–1999 Guest Editor, European Journal of Operations Research (with Slovinski)
- 1991–Present Member of the International Advisory Board of the Journal of
Operational Research Society

Referee for scientific journals

- Annals of Operations Research
- European Journal of Operations Research
- Transactions of Operations Research
- International Journal of Productions Research
- The Journal of Operational Research Society
- OMEGA
- Management Science
- Operations Research
- Journal of Advanced Transportation Models
- Socio-Economic Planning Science
- Computers and Operations Research

Membership in professional/scientific societies

1975–1980	ORSA (Operations Research Society of America)
1975–2010	INFORMS (The Institute of OR & MS previously TIMS)
1979-present	ORSIS (Operations Research Society of Israel)
1979	The Israel Society of Statistics
1982	Decision Sciences

Courses taught:

Operations Research 1, 2 – undergraduate, BGU and AUC
Linear Programming – undergraduate, BGU and Bar-Ilan
Queuing Theory – undergraduate, Bar-Ilan
Simulation 1-2 – undergraduate, BGU and Bar-Ilan
Quantitative Methods 1-3 – graduate, BGU and CWRU
Statistics 1-2 – undergraduate, BGU
Applied Statistics – undergraduate, BGU
Forecasting – graduate, BGU
Quantitative Models in Academic Administration – graduate, BGU
Final Project Seminar – undergraduate and graduate, BGU
Production Planning and Control – undergraduate and graduate, Hebrew Univ.
Optimization Models in Operations Research – graduate, BGU and AUC
Decision Analysis – BGU, Ahva College, and Sapir College

Research students

1980–1983	Ebrahimzada M, MSc (with Bar-Noon S)
1982–1984	Lugasi Y, MSc (with Mehrez A)
1984–1987	Danino M, MSc (with Ben-Baruch E)
1987–1989	Keren B, MSc (with Golenko-Ginzburg D)
1990–1991	Baraboy A, MSc (with Mehrez A)
1992–1993	Biran S, MSc (with David I)
1993–1994	Sfaradi Z, MSc (with Stern E)
1995–2000	Gal L, MSc (with Friedman L and Rosenfeld A)
1996–1997	Hadad Y, MSc (with Mehrez A)
1995–1998	Kats V, PhD (with Golenko-Ginzburg D)
1998–2000	Hadad Y, PhD (with Mehrez A)
1999–2000	Ben Yair A, MSc (with Casuto Y)
1999–2000	Strassberg-Atad R, MSc (with Friedman L)
2000–2002	Sushard O, Post. Doc. (with Friedman L)
2000–2004	Maman Y, MSc (with Balaban M)
2000–2001	Etinger H, MSc, (with Friedman L)
2004–2006	Rybalkin V MSc (with Friedman L and Hadad Y)
2002–2007	Braude E, PhD (with Oron G)

2009–2010	Alper D, MSc (with Shinar D)
2013–2016	Cohen-Kadosh S, MSc
2016–2018	Pery O, MSc (with Bitan Y)
2017–2021	Cohen-Kadosh S, PhD (with Bitan Y)

Areas of research: Operations Research; Management Science; Decision Analysis; Industrial Engineering, Operations Management; Forecasting; Public Sector; Health Management; Higher Education.

SCIENTIFIC PUBLICATIONS

Collective volumes

1. Sinuany-Stern Z (1984). Proceedings of ORSIS annual conference.
2. Slowinski R & Sinuany-Stern Z (1997) Guest editors, Special Issue of EURO 1995 conference, European Journal of Operations Research
3. Sinuany-Stern Z (1999) Special Volume on Reliability and Maintenance in production Control. Guest Editor, Annals of Operations Research
3. Reichel A & Sinuany-Stern Z (2002) Co-editors of a Special Issue, Journal of Management Sciences and Regional Development, Issue 4
4. Davidovich N, Sinuany-Stern Z, Starichenko BE & Zinigrad M (2007) Proceedings of the 4th International Conference on Contemporary Issues in Higher Education: Pedagogical Aspects of Emerging Methodologies in Higher Education. Editors, AUC
5. Sinuany-Stern Z & Sherman D (2014) Special Volume on: Operations Research in the Public Sector and Non-Profit Organizations. Editors, Annals of Operations Research, Vol. 221
6. Sinuany-Stern Z Ed. (2021) Handbook of OR/MS in Higher Education, Springer, NY, NY (forthcoming)

Articles in refereed journals

1. Sinuany-Stern Z & Mehrez A (1982) Simulating an Integrated Energy System. Simulation 42: 131-139
2. Mehrez A, Mossery S & Sinuany-Stern Z (1982) Project Selection in a Small R&D Laboratory. R&D Management 12:169-174
3. Mehrez A & Sinuany-Stern Z (1982) Resource Allocation to Interrelated Projects. Water Resources Research 18 (3) 462
4. Sinuany-Stern Z (1983) Break-even and equilibrium analyses in university financial planning. Computers Environment and Urban Systems 8(2)109-119
5. Mehrez A & Sinuany-Stern Z (1983) Resource Allocation to Interrelated Risky Projects Using a Multi-Attribute Utility Function. Management Science 29: 430-439
6. Mehrez A & Sinuany-Stern Z (1983) An Interactive Approach for Project Selection. Journal of the Operational Research Society 34: 621-626
7. Mehrez A & Sinuany-Stern Z (1983) Resource Allocation to Interrelated Projects. Water Resources Research 19 (4) 876-880

8. Mehrez A & Sinuany-Stern Z (1983) A Note on Multiplicative Utility. *Journal of Operational Research Society* 34: 1123-1124
9. Sinuany-Stern Z (1983) Cost Simulation Models for University Budgeting. *Computer Environment & Urban Systems* (4) 211-216
10. Mehrez A, Stulman A & Sinuany-Stern Z (1983) The One-Dimensional Single Facility Maximin Distance Location Problem. *Journal of Regional Science* 23 (2) 233-239
11. Sinuany-Stern Z (1984) A Financial Planning Model for a Multi-Campus College. *Socio-Economic Planning* 18: 135-142
12. Sinuany-Stern Z (1984) A Network Optimization Model for Budget Allocation in Multi-Campus University. *Journal of the Operational Research Society* 35: 749-757
13. Sinuany-Stern Z, Mehrez & El-Boher A (1984) A Comparative Economic Analysis of Closed Integrated Electric Power Systems. *International Journal of Production Research* 22: 95-107
14. Sinuany-Stern Z, Mehrez A, Chi D & Cop N (1984) A Simulation Model of a Solar Energy System for Heating Water. *Computers and Industrial Engineering* 8: 181-191
15. Lugasi Y, Mehrez A & Sinuany-Stern Z (1985) Nuclear Power Plant Selection: A Case Study. *Nuclear Technology* 69 (1) 7-13
16. Elazari Y, Bar-Chi D & Sinuany-Stern Z (1985) Menu Planning Via Computer Simulation. *Computers Environment and Urban Systems* 10: 81-87
17. Mehrez A, Sinuany-Stern Z & Stulman A (1985) A Single Facility Location Problem with a Weighted Maximin-Minimax Rectilinear Distance. *Computers and Operations Research* 12: 51-60
18. Busnach E, Mehrez A & Sinuany-Stern Z (1985) A Production Problem in Phosphate Mining. *Journal of the Operational Research Society* 36: 285-288
19. Sinuany-Stern Z, Ebrahimzada M & Bar-Noon S (1985) A Simulation of a Multi-Item Inventory System. *Simulation* 45 (3) 115-121
20. Ladany S & Sinuany-Stern Z (1985) Curtailment of Artificial Attribute Sampling Plans. *International Journal of Production Research* 23: 847-856
21. Sinuany-Stern Z & Teomi Y (1986) Multi-Objective Scheduling Plans for Security Guards. *Journal of the Operational Research Society* 37: 67-77
22. Rosenblatt M & Sinuany-Stern Z (1986) A Discrete Efficient Frontier Approach to the Plant Layout Problem. *Material Flow* 3: 277-281
23. Mehrez A, Sinuany-Stern Z & Stulman A (1986) An Enhancement of the Drezner-Weslowsky Algorithm for Single-Facility Location with Maximum of Rectilinear Distance. *Journal of the Operational Research Society* 37 (10) 971-977
24. Sinuany-Stern Z, Finger N & Kligler E (1986) An Optimal Forest Thinning Policy: A Simulation Approach. *Computer Environment Urban Systems* 11 (4) 181-189
25. Sinuany-Stern Z & Mehrez (1987) A Discrete Multi-Attribute Utility Approach to Project Selection. *Journal of the Operational Research Society* 38 (10) 1133-1139
26. Sinuany-Stern Z & Rosenblatt M (1987) Budgeting in Hierarchical Systems under Uncertainty. *IIE Transaction* 19: 2-12
27. Sinuany-Stern Z (1988) Ranking of sport Teams via the AHP. *The Journal of*

- Operational Research Society 39 (7) 661-667
28. Golenko-Ginzburg D & Sinuany-Stern Z (1989) Production Control with Variable Speeds and Inspection Points. *International Journal of Production Research* 27 (4) 629-638
 29. Golenko-Ginzburg D, Sinuany-Stern Z & Friedman L (1989) Feeding Parts with Random Production Speed to an Assembly Line. *Engineering Costs and Production Economics* 16: 91-96
 30. Rosenblatt M & Sinuany-Stern Z (1989) Algorithms for Generating the Discrete Efficient Frontier to the Capital Budgeting Problem. *Operations Research* 37 (3) 384-394
 31. Stern E & Sinuany-Stern Z (1989) A Behavioral-Based Simulation Model for Urban Evacuation. *Regional Science Association* 66 (1) 87-103
 32. Friedman L, Golenko-Ginzburg D & Sinuany-Stern Z (1989) Determining Control Points of a Production System under a Chance Constraint. *Engineering Costs and Production Economics* 18: 139-144
 33. Sinuany-Stern Z & Golenko-Ginzburg D (1990) A Physical Simulation of a Two-Stage FMS. *Computer and Industrial Engineering* 18 (4) 535-545.
 34. Sinuany-Stern Z (1991). The Need for Institutional Research. *Higher Education Policy* 4 (4) 57-60
 35. Mehrez A, Sinuany-Stern Z & Stulman A (1992) An Enhancement of the Drezner-Weslowsky Algorithm. *Journal of Operational Research society* 43 (4) 373-374
 36. Sinuany-Stern Z, Golenko-Ginzburg D & Keren B (1993) On-Line Production Control using the EVPI Approach. *European Journal of Operations Research* 67: 344-357
 37. Friedman L, Golenko-Ginzburg D & Sinuany-Stern Z (1993) Semiautomatic Production Systems under Disturbances. *Journal of Operational Research Society* 44 (2)161-168
 38. Golenko-Ginzburg D & Sinuany-Stern Z (1993) Hierarchical control of Semi-automated Production Systems. *Production Planning and Control* 4 (4) 361-370
 39. Sinuany-Stern Z (1993) A Network Optimization Model for Budget Planning in Multi-objective Hierarchical Systems. *Journal of Operational Research Society* 44 (3) 297-308
 40. Sinuany-Stern Z & Stern E (1993) The Role of Traffic Factors and Route Choice Behavior in Simulating Urban Evacuation. *Socio-Economic Planning* 27: 97-108
 41. Sinuany-Stern Z & Yelin H (1993) Forecasting Computer Resources. *Computers & Operational Research* 20 (5) 477-484
 42. Sinuany-Stern Z (1993) Replacement Policy under Partially Observed Markovian Deterioration. *International Journal of Production Economics* 29: 159-166
 43. Mehrez A, Sinuany-Stern Z & Stulman A (1993) Response to a good enhancement with logical weaknesses. *Journal of Operational Research Society* 44: 106-106
 44. Sinuany-Stern Z & Amitai A (1994) Project Evaluation via AHP. *Production Planning and Control* 5 (5) 337-341
 45. Sinuany-Stern Z, Mehrez A & Barboy A (1994) Academic Departments Efficiency

- Via DEA. *Computers and Operations Research* 21 (5) 543-556
46. Sinuany-Stern Z & Weiner I (1994) The Cutting Problem using Two Objectives. *Journal of Operational Research Society* 45 (2) 231-236
 47. Sinuany-Stern Z, Mehrez A, Arad-Geva T & Binyamin S (1995) On the Location of a Hospital in a Rural Region: The Case of the Negev. *Location Science* 3, (4) 255-266
 48. Sinuany-Stern Z, Mehrez A & Barboy A (1996) Corrigendum. *Computers and Operations Research* 23 (5) 513
 49. Friedman L, Golenko-Ginzburg D & Sinuany-Stern Z (1996) Production Control: Comparison between Constant and Stochastic Speeds. *Production Planning and Control* 7 (2) 176-183
 50. Golenko-Ginzburg D, Sinuany-Stern Z & Kats V (1996) A Multilevel Decision Making System with Multiple Resources for Controlling Cotton Harvesting. *International Journal of Production Economics* 46: 55-63
 51. Mehrez A, Sinuany-Stern Z, Arad-Geva T & Binyamin S (1996) On the Implementation of Quantitative Facility Location Models; the Case of a Hospital in a Rural Region. *Journal of Operational Research Society* 47: 612-625
 52. Mehrez A, Sinuany-Stern Z, Arad-Geva T & Binyamin S (1996) Integrating Qualitative and Quantitative Approaches for Locating a Hospital in a Rural Area. *Journal of the Institute of Middle East Studies* 1: 1-13
 53. Stern E, Sinuany-Stern Z, Sfaradi Z & Holm E (1996) Congestion-Related Information and Road Network Performances. *Journal of Transport Geography* 4 (3) 169-178
 54. Sinuany-Stern Z, David I & Biran S (1997) An Efficient Heuristic for a Partially Observable Markov Decision Process of Machine Replacement. *Computers & Operational Research* 24: 117-126
 55. Slowinski R & Sinuany-Stern Z (1997) Research reviews tutorials. *European Journal of Operations Research* 99: 1-2
 56. Friedman L & Sinuany-Stern Z (1997) Scaling units via the canonical correlation analysis in the DEA context. *European Journal of Operations Research* 100 (3) 629-637
 57. Sinuany-Stern Z, Stern E, Sfaradi Z & Holm E (1997) Effect of Commuters Behavior on Congested Network Performance: A Micro Simulation Approach. *European Journal of Operations Research* 96 (3) 455-470
 58. Sinuany-Stern Z, Friedman L, Asraf Y & Isaac S (1998) Measuring Operational Efficiency Applied to Israeli Towns. *Industrial Management* 40 38-41 (in Hebrew)
 59. Sinuany-Stern Z & Friedman L (1998) Rank Scaling in the DEA Context. *Studies in Regional & Urban Planning* 6: 135-144
 60. Sinuany-Stern Z & Friedman L (1998) DEA and the discriminant analysis of ratios for ranking units. *European Journal of Operations Research* 111 (3) 470-477
 61. Friedman L & Sinuany-Stern Z (1998) Combining Ranking Scales and Selecting Variables in the DEA Context: The Case of Industrial Branches. *Computers & Operations Research* 25 (9) 781-791

62. Sinuany-Stern Z, Stern E & Sfaradi Z (1999) Commuters' Behavior under Varying Network Patronage. *International Transactions of Operations Research*, 6: 89-105.
63. Sinuany-Stern Z (1999) Reliability and Maintenance in Production Control. *Annals of Operations Research* 91: 1-10
64. David I, Friedman L & Sinuany-Stern Z (1999) A Simple Suboptimal Algorithm For System Maintenance under Partial Observability. *Annals of Operations Research* 91: 25-40
65. Sinuany-Stern Z, Mehrez A & Hadad Y (2000) An AHP/DEA Methodology for Ranking Decision Making Units. *International Transaction of Operations Research* 7: 109-124
66. Adler N, Sinuany-Stern Z & Friedman L (2002) Review of Ranking Methods in the Data Envelopment Analysis Context. *European Journal of Operation Research* 140 (2) 249-265
67. Friedman L & Sinuany-Stern Z (2002) Measuring the Efficiency of Outpatient Clinics via DEA: A Case Study. *Journal of Management Science and Regional Development (MSRD)* 4: 37-46
68. Hadad Y, Friedman L, Sinuany-Stern Z & Mehrez A (2003) DEA Super Efficiency Multistage Ranking. *Computer Modeling and New Technologies* 7 (1) 37-46
69. Mehrez A, Hadad Y & Sinuany-Stern Z (2003) Effect of Variations on Decision-Making Units with Respect to Output, Output Estimated by Production Function and Output Differences. *Central European Journal of Operations Research* 11 (1) 351-367
70. Hadad Y, Sinuany-Stern Z & Mehrez A (2003) DEA Efficiency in Relation to Production Functions: A Simulation Study. *Communications in Dependability and Quality Management* 6 (3) 91-103
71. Sinuany-Stern Z & Hadad Y (2004). The Analytical Hierarchy Process: Selection of Optimal Alternative. *Machines and Industry* 90: 84-86 (in Hebrew)
72. Sinuany-Stern Z, Bar-Eli M & Israeli Y (2005) Application of the Analytic Hierarchy Process for the Evaluation of Basketball Teams. *International Journal Sport Management and Marketing* 1 (3) 193-207
73. Mehrez A, Friedman L, Sinuany-Stern Z & Bar-Eli M (2005) Optimal Threshold in Multi-Stage Competitions. *International Journal of Sport Management and Marketing* 1 (3) 215-238
74. Friedman L, Sinuany-Stern Z & Mehrez A (2005) Optimal Threshold in Symmetric Multi-stage Multi-player Competitions. *International Journal of Sport Management and Marketing* 1 (3) 239-254
75. Friedman L, Hadad Y & Sinuany-Stern Z (2005) Fitted Bounds on the Weights for Feasible Consistent CE Evaluations in the DEA. *Communication in Dependability and Quality Management* 8 (1) 53-63
76. Davidovitch N, Zinigrad M & Sinuany-Stern Z (2006) On Academic Teaching in Russian Universities. *Al Hagova, Journal of Teaching in Higher Education* 5: 60-61 (in Hebrew)

77. Davidovitch N & Sinuany-Stern Z (2007) The Quality of Academic Performance of Women and Men: The Case of the College of Judea and Samaria. *Social Issues in Israel* 3: 21-44 (in Hebrew)
78. Sinuany-Stern Z & Davidovitch N (2008) The Relationship between Teaching and Research Activities of Faculty: Case Study of College of Judea and Samaria. *Pedagogic Education, Information of Moscow State Lomonosov University* 21 (3) 81-90 (in Russian)
79. Hadad Y, Friedman L, Sinuany-Stern Z & Ben-Yair A (2008) Ranking method based on the difference between weighted output and input. *Computer Modelling and New Technologies* 12 (3) 55-65
80. Chernichovsky D, Friedman L, Sinuany-Stern Z & Hadad Y (2009) Hospitals Efficiency in Israel via Data Envelopment Analysis. *Economics Quarterly* 56 (2) 119-142 (in Hebrew)
81. Sinuany-Stern Z, Kushnir-Berdugo V & Alper D (2009) Testing Police efficiency via DEA. In Sher M (ed.) *Collection on Police Subjects* 83-93 (in Hebrew)
82. Sinuany-Stern Z & Davidovitch N (2009) Profile of Students from Judea and Samaria in Contrast to Students from Other Parts of Israel. *Judea and Samaria Research Studies* 18: 403-412.
83. Davidovitch N, Soen D & Sinuany-Stern Z (2009) The Race after Excellency in Academia: Between Research and Teaching. *New Directions - Journal of Judaism and Zionism* 20: 101-110 (in Hebrew)
84. Davidovitch N, Sinuany-Stern Z & Soen D (2010) Cultural Capital and the Riches of Manna: Integration of Immigrant Scientists in Israel Academia. *Problems of Education in the 21st Century*, Lithuania: Scientific Methodical Centre, ISSN 1822-7864. 20(20):118-134
85. Davidovitch N, Soen D & Sinuany-Stern Z (2010) History of Success: Repatriation and Immigration of Scientists in world of Israel science (in Israel Universities) (1989–2009). *The International Higher Education Academy of Sciences* 51 (1) Information of Moscow State Lomonosov University, ISSN: 1815-0624 (in Russian)
86. Davidovitch N, Soen D & Sinuany-Stern Z (2010)–Were Russian scientists immigrants absorbed in academia – A case study testifying a positive direction. *New Directions: Journal for Zionism, Judaism, Policy, Society, and Culture* 23: 188-199 (in Hebrew).
87. Davidovitch N, Soen D & Sinuany-Stern Z (2011) Performance measures of academic faculty – a case study. *Journal of Further and Higher Education* 35 (3) 355-373
88. Davidovitch N, Sinuany-Stern Z & Iram Y (2012) The Cost of Success: Some Consequences of Increase in Availability to Higher Education in Israel. *Proceedings Of the international Higher Education Academy of Sciences*. Moscow State Lomonosov University 1(59) 112-134, ISSN: 1815-0624, 2012 (in Russian)
89. Davidovitch N, Sinuany-Stern Z & Soen D (2012) Performance measures of scientists' immigration and integration in the academe 1989-2009. *Old roots in new soil – the adjustment of immigrants in Israel in the new millennium*, In S. Lissitsa S

- & Bokek – Cohen Y (eds) Tel Aviv: Alpha Publishing p. 170-185, ISBN 978-965-91944-0-7 (in Hebrew)
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1. Emergency services utilization (with Cohen-Kadosh S & Bitan Y)
2. Water Planning (with Oron G)

Meetings, Invited Lectures and Abstracts

1. Sinuany Z (1976) Enrollment Forecasting Models for a Multi-Campus Community College. ORSA/TIMS Meeting, Miami Beach, FL
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39. Sinuany-Stern Z, Friedman L & A. Avishur (2000) The Temporal DEA: The Case of Industrial Branches. EURO XVII, Budapest, Hungary
40. Ben-Yair A Sinuany-Stern Z & Papic L (2000) Reliability optimization model. EURO XVII, Budapest, Hungary
41. Sinuany-Stern Z & Friedman L (2001) Benchmarking of Electric Companies via DEA. EURO XVIII Conference, Rotterdam, The Netherlands
42. Sinuany-Stern Z, Friedman L & Nener Y (2002) Comparison of DEA software. IFORS, Conference, Edinburgh, Scotland
43. Sinuany-Stern Z & Friedman L (2002) Comparison of DEA Software. ORSIS, Shefaim, Israel
44. Friedman L, Sinuany-Stern Z & Hadad Y (2003) Ranking Hotels via the DEA. ORSIS conference, Maale H-Chamisha, Israel
45. Friedman L, Sinuany-Stern Z & Hadad Y (2003) Ranking Hotels in Israel via the DEA. EURO/INFORMS Conference, Istanbul, Turkey
46. Sinuany-Stern Z, Friedman L & Hadad Y (2004) Efficiency Based on the Difference between Weighted Outputs and Weighted Inputs with Bounds on the Weights. EURO XX Conference, Rhodes, Greece
47. Friedman L, Hadad Y & Sinuany- Stern Z (2004) Efficiency Based on the Difference between Weighted Outputs and Weighted Inputs. ORSIS Conference, Ashkelon, Israel
48. Sinuany-Stern Z, Friedman L, Chernichovsky D & Hadad Y (2005) Efficiency of Hospitals by Ownership and Size. The 8th Spring Conference of the Israeli Research Center of the Third Sector, Tel Aviv, Israel
49. Friedman L, D. Chernichovsky, Hadad Y & Sinuany-Stern Z (2005) Hospitals Efficiency by Size and Ownership. ORSIS Conference, Caesarea, Israel
50. Sinuany-Stern Z, Friedman L, Chernichovsky D & Hadad Y (2005) Hospitals' Efficiency by Size and Ownership. IFORS, Hawaii
51. Sinuany-Stern Z & Davidovitch N (2005) The Relationship between Teaching and Research Activities of Faculty: Case Study of College of Judea and Samaria. Aspects of Higher Education, Meeting organized by URSPU and USTU, Yekaterinburg, Russia, pp. 16-22
52. Friedman L, Chernichovsky D, Hadad Y & Sinuany-Stern Z (2006) Efficiency of Hospitals' wards via DEA: The Israeli Case", ORSIS Conference, Naharia, Israel

53. Sinuany-Stern Z, Friedman L, Chernichovsky D & Hadad Y (2006) Efficiency of Hospitals' Wards via DEA: The Israeli Case", EURO XXI Conference, Iceland (invited session)
54. Sinuany-Stern Z & Davidovitch N (2006) Performance Quality of Males and Females in the Academia – A Case Study: The College of Judea and Samaria. The 3rd Research and Educational International Conference Contemporary Problems of Higher Education, Yekaterinburg, Russia
55. Chernichovsky D, Sinuany-Stern Z, Friedman L, Shemesh A, Hadad Y & Graw I (2007) The Relationship Between Hospital Efficiency and Size and Ownership. Fourth Conference of the Eastern Mediterranean Region of the Intel Biometric Society, Eilat, Israel (invited)
56. Sinuany-Stern Z (2007) Educational Programs at Ariel University Center", Euro Education, Rectors Forum, Barcelona, Spain (invited)
57. Davidovitch N & Sinuany-Stern Z (2007) Academic Achievements of Women. Israel conference on Sderot to Society, Sapir College, Sderot, Israel (invited)
58. Friedman L & Sinuany-Stern Z (2007) Assessing Efficiency of Hospital Functioning. Conference on Efficiency, Quality and Perfection in Industry, Sapir Academic College, Sderot, Israel
59. Sinuany-Stern Z, Friedman L, Hadad Y & Rybalkin V (2007) The Effect of Distribution of Production Functions on the DEA Efficiency. EURO XXII Conference, Prague, Czech Republic
60. Sinuany-Stern Z & Davidovitch N (2008) Criteria for Measuring Faculty Outputs: A Case Study. The 39th conference of the Israeli Society of Sociology, Tel Aviv, Israel
61. Braude E, Oron G & Sinuany-Stern Z (2008) Water Insurance for Mitigation of Conflicting Interests of Competing Water Sectors. International Conference On Logistics, Tel-Aviv, Israel
62. Sinuany-Stern Z (2008) Measuring Hospitals Efficiency by type of ownership. Israel Knesset (Parliament), Ariel Health Conference: Private vs. Public Health, Jerusalem, Israel
63. Davidovitch N & Sinuany-Stern Z (2008) Quality Measures in Operations Research of Academic Faculty – A Case Study. Galilee Quality Conferences, Carmiel, Israel
64. Braude E, Sinuany-Stern Z, Hauser S & Oron G (2008) A Financial Model for Water Allocation between the Municipal-Industrial and the Agricultural – environmental sectors. ORSIS Conference, Kibbutz Shefaim, Israel
65. Sinuany-Stern Z, Braude E, Hauser S & Oron G (2008) A Financial Model to Efficient Water Allocation between the Municipal and Agricultural Sectors. IFORS Conference, Sandton, South Africa
66. Davidovitch N & Sinuany-Stern Z (2008) Performance Measures of Academic Faculty - Case Study. The 5th International Scientific Conference on Innovation Technologies in the Higher Education Pedagogics, Yekaterinburg, Russia

67. Sinuany-Stern Z & Davidovitch N (2008) Profile of Students from Judea and Samaria in Contrast to Students from Other Parts of Israel. Conference of Judea and Samaria Research Studies, Ariel, Israel.
68. Davidovitch N, Sinuany-Stern Z (2009) Absorption of immigrant scientists in Israel. College of Management, Rishon Le Zion, Israel
69. Sinuany-Stern Z, Davidovitch N & Soen D (2009) Integration of Immigrant Scientists in Israeli Academia- A Case Study. The Second International Conference on Initiatives to Promote Learning in Institutions of Higher Education, Carmiel, Israel
70. Davidovitch N, Soen D & Sinuany-Stern Z (2009) The Connection between Students' Assessments of Faculty and Course Grades – A Case Study. The Second International Conference on Initiatives to Promote Learning in Institutions of Higher Education, Ort Braude, Carmiel, Israel
71. Sinuany-Stern Z (2009) Quadratic Budget Allocation Model. The 23rd European Conference on Operational Research, Bonn, Germany (invited session)
72. Braude E, Oron G & Sinuany-Stern Z (2009) Maximizing Water Wealth in the Israeli Water Sector: Simulating Water Sector with a Leveraged Firm. Israeli Water Association, Ramat-Gan, Israel
73. Braude E, Oron G & Sinuany-Stern Z (2009) Maximizing the Water Wealth in a National Water Sector: Simulating to a Firm with Debt. The 2nd International Conference on Water Economics, Statistics, and Finance, Alexandroupolis, Thrace, Greece
74. Sinuany-Stern Z (2010) Operations research in the public sector. International Conference on Industrial Logistics - ICIL, Rio de Janeiro. **Invited, plenary session**
75. Alper D, Shinar D & Sinuany-Stern Z (2010) Measuring efficiency of local municipalities in Israel from the road safety viewpoint via DEA. Conference on Ergonomic Human Factors' and Road Safety, Beer-Sheva, Israel
76. Alper D, Sinuany-Stern Z & Kushnir-Berdugo V (2010) Evaluating the efficiency of police stations in Israel via DEA. The 16th Conference of Industrial Engineering and Management, Tel-Aviv, Israel
77. Sinuany-Stern Z (2010) Quadratic model for budget allocation. ORSIS Conference, Nir Etzion, Israel
78. Alper D & Sinuany-Stern Z (2010) Evaluating Israeli police stations performance using DEA. ORSIS conference, Nir Etzion, Israel, **Won the ORSIS prize** for best paper
79. Alper D, Shinar D & Sinuany-Stern Z (2010) Evaluating Israeli local authorities' performance in traffic safety using DEA. International Conference on Safety and Mobility of Vulnerable Road Users: Pedestrians, Motorcyclists, Bicyclists, Jerusalem, Israel.
80. Sinuany-Stern Z, Alper D & Kushnir-Berdugo V (2010) Evaluating Israeli police stations performance using DEA. EURO conference, Lisbon, Portugal.

81. Sinuany-Stern Z, Alper D & Kushnir-Berdugo V (2010). Evaluating the efficiency of police stations in Israel via DEA. The 7-th International Conference on Computational Management Science, Vienna, Austria
82. Sinuany-Stern Z (2010) Hospitals' Efficiency by Size and Ownership. **Invited plenary lecture**, for the Health Group of the Austrian OR Society, Vienna, Austria
83. Davidovitch N, Sinuany-Stern Z & Soen D (2010) Integration of immigrant scientists in Israeli academia. Seventh Conference of the Israeli Forum for Social Policy Research and the First ESPANET Israel Conference, Bar Ilan University, Israel
84. Davidovitch N, Soen D & Sinuany-Stern Z (2010) Positioning centers promoting academic learning: A case study on teaching in higher education institutions. Paper presented at the Conference on Learning and Teaching in Higher Education: Gaps and Bridges, Open University, Raanana, Israel
85. Alper D, Shinar D & Sinuany-Stern Z (2011) Towns' efficiency in road accidents prevention. ORSIS, Tel Aviv, Israel
86. Sinuany-Stern Z, Alper D & Shinar D (2011) Towns' efficiency in road accidents prevention. IFORS 2011, Melbourne, Australia
87. Sinuany-Stern Z (2011). Hospitals' Efficiency by Size and Ownership", Seminar Lecture, University of Queensland, Australia.
88. Sinuany-Stern Z, Seminar Lecture (2011) Data Envelopment Analysis and ranking methods, University of Tasmania, Australia.
89. Sinuany-Stern Z (2011) Hospitals' Efficiency by Size and Ownership. Seminar Lecture, University of Melbourne, Australia
90. Sinuany-Stern Z, Chernichovsky D & Simon S (2011) The Israeli Health system; An Overview. Seminar Lecture, University of Vienna, Austria
91. Sinuany-Stern Z & Davidovitch N (2011) Paradoxes in higher education: Universities versus academic college. Intercultural Ties in Higher Education and Academic Teaching, in Ariel, Israel
92. Sinuany-Stern Z (2011) Higher education as a key for economic success: The case of Israel. Pedagogic Conference, Odessa, Ukraine
93. Sinuany-Stern Z, Kristal N, Shachaf H, Chernichovsky D & Friedman L (2012) Efficiency of hospitals in Israel during 1999-2009. Ind. Eng. Conference, Tel Aviv, Israel
94. Sinuany-Stern Z, Kristal N, Shachaf H, Chernichovsky D & Friedman L (2012) Efficiency of hospitals in Israel during 1999-2009. ORSIS Conference, Male H-Chamisha, Israel
95. Sinuany-Stern Z & Alper D (2012) Efficiency of cars vs. Manpower in police stations. Proceedings of International Conference of Industrial Logistics, Zadar, Croatia
96. Sinuany-Stern Z, Kristal N, Shachaf H, Chernichovsky D & Friedman L (2012) Efficiency of hospitals in Israel during 1999-2009", EURO Conference, Vilnius, Lithuania

97. Sinuany-Stern Z (2013) Efficiency of Hospitals Operating Departments. ORSIS Conference, Beer-Sheva, Israel
98. Sinuany-Stern Z (2013) Efficiency of Hospitals Operating Departments. EURO/INFORMS Conference, Rome, Italy
99. Sinuany-Stern Z, Friedman L & Chernichovsky D (2013) Macro and micro analyses of hospitals efficiency. Israel Science Foundation, DEA Workshop on Productivity Regulation and Transportation, Jerusalem, Israel
100. Sinuany-Stern Z & Davidovitch N (2014) Training teachers for higher education. International Conference on Higher Education, Tel Aviv, Israel
101. Cohen-Kadosh S & Sinuany-Stern Z (2014) The relationship between the socio-economic index and efficiency of orthopedic wards via data envelopment analysis. The 18th Industrial Engineering and Management Conference, Tel Aviv, Israel
102. Cohen-Kadosh S & Sinuany-Stern Z (2014) The effect of socio-economic index on the efficiency of orthopedic wards via data envelopment analysis. Annual Meeting of Operations Research Society of Israel, Tel Aviv, Israel
103. Davidovitch N & Sinuany-Stern Z (2014) Academic outputs and excellence measures of academic faculty: A case study. Conference on Excellency in Teaching, Ramat-Gan, Israel
104. Sinuany-Stern Z, Cohen O & Shahkoohi N (2014) Measuring the Efficiency of Hospitals' Operating Departments. International Conference of Industrial Logistics, Brac, Croatia
105. Sinuany-Stern Z, Cohen-Kadosh S & Friedman L (2014) The relationship between the efficiency of orthopedic wards and the socio-economic status of their patients: a national case study. IFORS, Barcelona, Spain
106. Sinuany-Stern Z, Haviv Y & Ifrah D (2015) Measuring the differentiability of faculty in Israel's higher education institutions. The 19th Industrial Engineering and Management Conference, Tel Aviv, Israel
107. Sinuany-Stern Z (2015) OR/MS in Higher Education. Annual Meeting of Operations Research Society of Israel (ORSIS), Haifa, Israel
108. Sinuany-Stern Z (2015) Operations Research in Higher Education Complex Systems. EURO conference, Glasgow, Scotland
109. Sinuany-Stern Z (2015) Two Stage Data Envelopment Analyses. GOR conference, Vienna, Austria
110. Sinuany-Stern Z & Davidovitch N (2015) On Research, Teaching and Gender: Assessing Products in Israel's Higher Education System – A Case Study. The 10th international Conference on Quality, Mobility & Globalization in Higher Education Systems. A Comparative Look at the Challenges of Academic Teaching, Ariel, Israel
111. Sinuany-Stern Z (2016) Types of periphery in higher education and solutions for its accessibility. Dahan Center, Bar Ilan University, Ramat-Gan, Israel
112. Sinuany-Stern Z & Friedman L (2016) Statistical Analysis in the DEA context. The Second International Symposium on Stochastic Models in

Reliability Engineering, Life Science and Operations Management (SMRLO'16), Beer Sheva, Israel

113. Cohen Kadosh S & Sinuany-Stern Z (2016) The relationship between the efficiency of hip fracture surgeries and patients socio-economic index using two stage network DEA: The case of Israel. ORSIS conference, Male H-Chamisha, Israel
114. Sinuany-Stern Z & Cohen-Kadosh S (2016) The relationship between the efficiency of hip fracture surgeries and patients socio-economic index using two stage network DEA: The case of Israel. EURO Conference, Poznan, Poland
115. Sinuany-Stern Z, Kushnir-Berdugo V & Alper D (2016) Logistics Factors Effecting Police Station Efficiency. ICIL International Conference on Industrial Logistics, Zakopane, Poland. **Keynote speaker.**
116. Sinuany-Stern Z (2016) Higher Education in Israel and the Diaspora. Conference on Modern Jewish Existence in a World of Threats and Hostility, Ariel, Israel
117. Sinuany-Stern Z (2017) Operational Research/Management Science (OR/MS) in Higher Education: Efficiency Measures of University Departments. Workshop at Cass Business School, City University of London, UK
118. Sinuany-Stern Z (2017) Macro and micro efficiency analyses of hospitals via DEA. Workshop at Cass Business School, City University of London, UK.
119. Sinuany-Stern Z & Friedman L (2017) Second stage statistical analysis in the DEA context and stochastic DEA. ORSIS, Bar-Ilan University, Ramat-Gan, Israel
120. Cohen-Kadosh S, Sinuany-Stern Z & Bitan Y (2017) Using Simulation to Compare Two Emergency Medical Services Deployment Settings during Nature Disasters. Production and Operations Management Society (POMS), Tel Aviv, Israel
121. Cohen-Kadosh S, Sinuany-Stern Z & Bitan Y (2018) Using Statistical Simulation to Compare Two Emergency Medical Services Deployment Settings for Nature Disasters. Poster, in the 5th International Conference on Preparedness & Response to Emergency & Disasters, IPRED Israel
122. Cohen-Kadosh S, Sinuany-Stern Z & Bitan Y (2018) Preparedness for earthquake disaster: optimal deployment of emergency treatment sites. The 14th International Conference on Industrial Logistics – ICIL, Beer Sheva, Israel
123. Sinuany-Stern Z, Cohen-Kadosh S & Bitan Y (2018) OR modelling of Preparedness for an Earthquake Disaster. EWG-ORD Workshop: OR for Sustainable Development, Madrid, Spain. **Invited keynote speaker**
124. Cohen-Kadosh S, Sinuany-Stern Z & Bitan Y (2018) Earthquake Preparedness: optimal deployment of emergency treatment sites. European Conference for Operational Research – EURO, Valencia, Spain

125. Sinuany-Stern Z (2019) Higher Education for Sustainable Development: Its Importance and Risks. EWG/ORD, Dublin, Ireland
126. Cohen-Kadosh S, Sinuany-Stern Z & Bitan Y (2019) Using emergency treatment sites as part of casualties' evacuation immediately after earthquake. EURO conference, Dublin, Ireland

Research Grants

- 1986–1989 Israel Foundation Trustees, “An Emergency Model for Urban Areas” (with Stern E)
- 1992–1994 Basic Research Foundation, the Israel Academy of Sciences, “Choice Behavior in Congested Situations: The Effects of Information” (with Stern E)
- 1991–2000 Paul Ivanier Center for Robotics and Production Management.
- 2002–2006 The Israel Institute for Health Policy and Health Services, “Hospitals Efficiency” (with Chernichovsky D and Friedman L)
- 2007–2008 Regional Samaria and Jordan Rift R&D Center, “The Profile of Students Living in the Judean & Samarian Region Compared to Students from other Regions of the Country who Study in Judea & Samaria” (with Davidovitch N)
- 2008–2009 Regional Samaria and Jordan Rift R&D Center, “The Absorption of Immigrant Scientists in Academia” (with Davidovitch N)
- 2008 Israeli Police Headquarters, “Efficiency of Police Stations”
- 2013 DEA Workshop on Productivity regulation and Transportation, Research Workshop of ISF, \$10,000 (with Adler N & Golany B)
- 2016–2018 Improving emergency services dispatchers' decision making for emergency calls that require resuscitation. The Israel National Institute for Health Policy Research, 101,000 NIS (with Bitan Y & Yaffe E)