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## CURRICULUM VITAE

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#### EDUCATION

- 1974 Ph.D., Applied Mathematics (Operations Research), Harvard University  
Thesis: The Management of Patients with End-Stage Renal Failure: A  
Decision Theoretic Approach
- 1970 S.M., Applied Mathematics, Harvard University
- 1969 B.Sc., Mathematics-Statistics, Hebrew University of Jerusalem

#### PROFESSIONAL EXPERIENCE

- Present Sidney Liswood Professor of Health Care Management, Department of  
Industrial Engineering and Management, and Department of Health  
Systems Management, Ben-Gurion University of the Negev, Israel
- (Full Professor - 1990, Tenure - 1985, Associate Professor - 1984, Senior  
Lecturer - 1982)
- Adjunct Professor, Department of Health Policy and Management,  
Harvard School of Public Health (since 1990)
- 2005 - 2011 Chair, Department of Health Systems Management, Faculty of Health  
Sciences and Faculty of Management, Ben-Gurion University of the  
Negev

2002 - 2009	Chair, Division of Public Health Sciences, Faculty of Health Sciences, Ben-Gurion University of the Negev
1990 - 2001	Chair, Department of Health Systems Management, Faculty of Health Sciences, Ben-Gurion University of the Negev
1996 - 2001	Chair, Department of Health Systems Management, School of Management, Ben-Gurion University of the Negev
1996 - 1997	Visiting Professor, Department of Marketing, School of Management, Boston University
1989 - 1990	Visiting Professor, Department of Health Policy and Management, Harvard School of Public Health
1989 - 1990	Visiting Professor, Department of Operations Management, School of Management, Boston University
1988 - 1989	Head, Health Policy and Management Unit, Faculty of Health Sciences
1986 - 1988	Deputy Rector, Ben-Gurion University of the Negev
1986 - 1987	Boerhaave Professor of Medical Decision Making, Medical Faculty, University of Leiden, Holland
1979 - 1982	Associate Professor of Quantitative Methods, School of Management, Boston University
1979 - 1982	Research Associate, Center for the Analysis of Health Practices, Harvard School of Public Health
1975 - 1979	Lecturer, Faculty of Management, Tel-Aviv University
1974 - 1975	Assistant Professor of Biostatistics, Harvard School of Public Health
1974 - 1975	Research Associate, Center for the Analysis of Health Practices, Harvard School of Public Health

## AWARDS

2012	Roger L. Nichols Excellence in Teaching Award from the Harvard School of Public Health
2011	Rector's Award for Excellence in Teaching (BGU)
2009	President's Award for Excellence in Research (BGU)
2009	Rector's Award for Excellence in Teaching (BGU)
2008	Rector's Award for Excellence in Teaching (2 awards) (BGU)
2004	Career Achievement Award, Society for Medical Decision Making
1999 – 2004	President – European Society for Medical Decision Making
1987	Sidney Liswood Chair in Health Care Management (BGU)
1986 - 1987	Boerhaave Chair in Medical Decision Making University of Leiden, The Netherlands.
1981	Management Science Achievement Award, TIMS College on the Practice of Management Science, Toronto
1974	Honorable Mention, Fourth Annual Student Paper Competition, Joint National Meeting of ORSA/TIMS, Boston

## PROFESSIONAL AFFILIATIONS

The Society for Medical Decision Making (SMDM)

International Society for Pharmacoeconomics and Outcomes Research (ISPOR)

European Society for Medical Decision Making (ESMDM)

Institute for Operations Research and Management Science (INFORMS)

Operations Research Society of Israel (ORSIS)

Harvard Society of Engineers and Scientists

## OTHER PROFESSIONAL ACTIVITIES

- Associate Editor: Medical Decision Making (Past)
- Editorial Board: Medical Decision Making (Past), Israel Journal of Health Policy Research, Theoretical Surgery (Past), Metamedicine (Past)
- Board Member: European Society for Medical Decision Making (Past), Operations Research Society of Israel (Past)
- Referee for: Operations Research, Management Science, Medical Decision Making, IIE Transactions, Medical Care, European Journal of Operations Research, National Science Foundation, Managerial and Decision Economics, Journal of Health Economics, American Heart Journal, Journal of General Internal Medicine, Journal of Children's Orthopaedics, European Journal for Health Economics, Health Care Management Science, Annals of Operations Research, Value in Health, Annals of Internal Medicine, Mayo Clinic Proceedings.

## MILITARY SERVICE

- 1964 - 1966 Served as instructor of military medicine in the Israeli Defense Forces

## SCIENTIFIC PUBLICATIONS

### Books

1. Hunink, M, Glasziou, P, Siegel, J, Weeks, J, Pliskin, J, Elstein, A, Weinstein, M Decision Making in Health and Medicine: Integrating Evidence and Values, Cambridge University Press, Cambridge UK, 2001.
2. Ronen, B. and Pliskin, J.S., Focused Operations Management for Health Services Organizations, Jossey-Bass (Wiley), San-Francisco, CA, 2006.
3. Hunink, M.G., Weinstein, M.C., Wittenberg, E., Drummond, M.F., Pliskin, J.S., Wong, J.B. and Glasziou, P.P. Decision Making in Health and Medicine: Integrating Evidence and Values, Second Edition, Cambridge University Press, Cambridge UK, 2014.

### Chapters in Collective Volumes

1. Pliskin, J.S. and Steinman, T.I., "Projecting Future Need for Dialysis Beds - A Computer Model," Proc. Clin. Dialysis and Transplant Forum, Vol. 3:170-176, 1973.
2. Weinstein, M.C., Pliskin, J.S. and Stason, W.B., "Risk-Benefit and Cost-Benefit Analysis of Coronary Artery Bypass Surgery," in Costs, Risks and Benefits of Surgery, edited by J.P. Bunker, F. Mosteller, B.A., Barnes, Oxford University Press, 1977.
3. Ronen, B., Pliskin, J.S., Feldman, S. and Neufeld, H.N., "Optimal Choice of Implanted Cardiac Pacemakers," Proceedings of the VIth World Symposium on Cardiac Pacing, Chap. 36-1, 1979.
4. Zwetsloot-Schonk, J., Leer, J.W. and Pliskin, J.S., "Lymphography and Lymphadenectomy for Staging Prostatic Carcinoma," in Clinical Decision Analysis in Medical Care and Teaching, edited by J. Kievit, T. Vissers, A.F. Casparie, pp. 83-88, 1986. (Proceedings of the First Congress of the European Society for Medical Decision Making) ISBN 90- 800108-1-2.
5. Pliskin, J.S., "Medical Strategies and Protocolised Medicine," in Clinical Decision Analysis in Medical Care and Teaching, edited by J. Kievit, T. Vissers, A.F. Casparie, pp. 39-52, 1986. (Proceedings of the First Congress of the European Society for Medical Decision Making) ISBN 90-800108-1-2.

6. Barnoon, S. and Pliskin, J.S., "Health Services in Israel," in International Handbook of Health Care Systems, edited by R.B. Saltman, pp. 159-171, Greenwood Press, 1988.
7. Edan, H., Mehrez, A. and Pliskin, J.S., "An Iterative Simulation Model for Allocating and Transporting Critical Medical Equipment in Hospital Wards," International Hospital Federation Yearbook, 1985.
8. Pliskin, J.S., Refaely, O., Romem, Y., and Carmi, R., "Optimizing the Prenatal Detection of Down's Syndrome: A Decision-Analytic Economic Policy Analysis." In: Zekchauser, R.J., Keeney, R.L., and Sebenius, J.K., eds. Wise Choices, Boston, Harvard Business School Press, 1996.
9. Zuker, A., Heart, T., Pliskin, J.S. and Pliskin, N., "Influencing Physician Drug Prescription Habits toward Cost Containment", Proceedings of the International Conference on Information Systems (ICIS2008), Paris, France, 2008. <http://aisel.aisnet.org/icis2008/140/>.

#### Refereed Articles

10. Pliskin, J.S., "On the Probability of Finding an HL-A- and ABO- Compatible Cadaver Organ for Transplantation: The Dependency on Time," Transplantation, Vol. 20, No. 3:181-185, 1975.
11. Pliskin, J.S. and Beck, C.H., Jr., "A Health Index for Patient Selection: A Value Function Approach," Management Science, Vol. 22, No. 9:1009-1021, 1976.
12. Pliskin, J.S. and Beck, C.H., Jr., "Decision Analysis in Individual Clinical Decision Making: A Real-World Application in Treatment of Renal Disease," Methods of Information in Medicine, Vol. 15, No.1:43- 47,1976.
13. Pliskin, J.S., Steinman, T.I., Lowrie, E.G. and Beck, C.H., Jr., "Hemodialysis-Projecting Future Bed Needs. Deterministic and Probabilistic Forecasting," Computers and Biomedical Research, Vol. 9, No. 4:317-336, 1976.
14. Pliskin, J.S., "Cadaveric Kidneys for Transplantation: Is There a Need for More? Issues and answers relating to current supply and demand and activities to increase future procurement," Journal of Forensic Sciences, Vol. 21, No. 1:83-97, 1976.
15. Pliskin, J.S., "Existing Pretransplant Nephrectomy Data: How Useful Are They?" Transplantation, Vol. 22, No. 4:398-399, 1976.

16. Pliskin, J.S., "Misleading Data Bases: An Example from Kidney Transplantation," Methods of Information in Medicine, Vol. 16, No. 2:101-102, 1977.
17. Mendelson, H., Pliskin, J.S. and Yechiali, U., "Optimal Storage Allocation for Serial Files," Communication of the ACM, Vol. 22, No. 2:124-130, 1979.
18. Pliskin, J.S. and Wientroub, S., "The Electrical Stimulation of Bone Healing: Some Policy Issues," Proceedings of the IEEE, Vol. 67, No. 9:1352-1353, 1979.
19. Pliskin, J.S., Shepard, D.S. and Weinstein, M.C., "Utility Functions for Life Years and Health Status," Operations Research, Vol. 28, No. 1:206-224, 1980.
20. Pliskin, J.S. and Beck, C.H., Jr., "A Mathematical Approach for Establishing Treatment Priorities Among Patients," Metamedicine, Vol. 1, No. 1:29-38, 1980.
21. Pliskin, J.S. and Pliskin, N., "Decision Analysis in Clinical Practice," European Journal of Operations Research, Vol. 4, No. 3:153-159, 1980.
22. Weinstein, M.C., Shepard, D.S. and Pliskin, J.S., "The Economic Value of Changing Mortality Probabilities: A Decision-Theoretic Approach," Quarterly Journal of Economics, Vol. 94, No. 2:373-396, 1980.
23. Mendelson, H., Pliskin, J.S. and Yechiali, U., "A Stochastic Allocation Problem," Operations Research, Vol. 28, No. 3:687-693, 1980.
24. Ronen, B. and Pliskin, J.S., "Decision Analysis in Microelectronic Reliability: Optimal Design and Packaging of a Diode Array," Operations Research, Vol. 29, No. 2:229-242, 1981.
25. Pliskin, J.S., Stason, W.B., Weinstein, M.C., et al. "Coronary Artery Bypass Graft Surgery: Clinical Decision Making and Cost-Effectiveness Analysis," Medical Decision Making, Vol. 1, No. 1:10-28, 1981.
26. Pliskin, J.S. and Tell, E.J., "Using a Dialysis Need-Projection Model for Health Planning in Massachusetts," Interfaces, Vol. 11, No. 6:84- 100, 1981.
27. Pliskin, J.S. and Dori, D., "Ranking Alternative Warehouse Area Assignments: A Multiattribute Approach," IIE Transactions, Vol. 14, No. 1:19-26, 1982.
28. Ronen, B., Pliskin, J.S. and Feldman, S., "Projecting Demand for Cardiac Pacemakers," Pace, Vol. 5, No. 4:501-505, 1982.
29. Pliskin, J.S. and Tell, E.J., "A Dialysis Need-Forecasting Model: A Retrospective Evaluation," Medical Decision Making, Vol. 3, No. 4:489- 500, 1983.

30. Shwartz, M., Pliskin, J.S., Grondahl, H.G. and Boffa, J., "Use of the Kaplan-Meier Estimate to Reduce Biases in Estimating the Rate of Caries Progression," Community Dentistry and Oral Epidemiology, Vol. 12, No. 2:103-108, 1984.
31. Shwartz, M., Pliskin, J.S., Grondahl, H.G. and Boffa, J., "Study Design to Reduce Biases in Estimating the Percentage of Carious Lesions that do not Progress Within a Time Period," Community Dentistry and Oral Epidemiology, Vol. 12, No. 2:109-113, 1984.
32. Juul, S., Pliskin, J.S. and Fineberg, H.V., "Variation and Information in White Blood Cell Differential Counts," Medical Decision Making, Vol. 4, No. 1:69-80, 1984.
33. Ronen, B., Pliskin, J.S. and Feldman, S., "Balancing the Failure Modes in the Electronic Circuit of a Cardiac Pacemaker: A Decision Analysis," Journal of the Operational Research Society, Vol. 35, No. 5:379-387, 1984.
34. Pliskin, J.S., "Cost-Effectiveness of Epidemiological Monitoring," The Science of the Total Environment, Vol. 32, No. 3:345-351, 1984.
35. Shwartz, M., Grondahl, H.G., Pliskin, J.S., and Boffa, J., "A Longitudinal Analysis from Bitewing Radiographs of the Rate of Progression of Approximal Carious Lesions through Human Dental Enamel," Archives of Oral Biology, Vol. 29, No. 7:529-536, 1984.
36. Pliskin, J.S., Shwartz, M., Grondahl, H.G. and Boffa, J., "Reliability of Coding the Depth of Approximal Carious Lesions from the Non- independent Interpretation of Serial Bitewing Radiographs," Community Dentistry and Oral Epidemiology, Vol. 12, No. 6:366-370, 1984.
37. Rozenbaum, E.A., Pliskin, J.S., Barnoon, S. and Chaimovitz, C., "Comparative Study of Costs and Quality of Life of Chronic Ambulatory Peritoneal Dialysis and Hemodialysis Patients in Israel," Israel Journal of Medical Sciences, Vol. 21, No. 4:335-339, 1985.
38. Pliskin, J.S., Shwartz, M., Grondahl, H.G. and Boffa, J., "Incorporating Individual Patient Preferences in Scheduling Bitewing Radiographs," Methods of Information in Medicine, Vol. 24, No. 4:213- 217, 1985.
39. Shwartz, M., Pliskin, J.S., Grondahl, H.G. and Boffa, J., "The Expected Benefit from Alternative Frequencies of Bitewing Radiograms," Acta Odontologica Scandinavica, Vol. 44, No. 1:11-16, 1986.
40. Shwartz, M., Pliskin, J.S., Grondahl, H.G. and Boffa, J., "A `Deep' Model of the Incidence of Dental Caries on Proximal Surfaces," Medical Decision Making, Vol. 6, No. 1:42-48, 1986.



41. Pliskin, J.S. and Tell, E.J., "Health Planning in Massachusetts: Revisited After Four Years," Interfaces, Vol. 16, No. 2:72-74, 1986.
42. Boffa, J., Shwartz, M., Ash, A., Pliskin, J.S., and Grondahl, H.G., "Bilateral Dental Caries from the Individual Perspective: A Definition and a Statistical Test for its Existence," Caries Research Vol. 20, No. 1:91- 95, 1986.
43. Shwartz, M., Pliskin, J.S., Grondahl, H.G., and Boffa, J., "The Frequency of Bitewing Radiographs," Oral Surgery, Oral Medicine, Oral Pathology Vol. 61, No. 3:300-305, 1986.
44. Shwartz, M., Pliskin, J.S., Grondahl, H.G. and Boffa, J., "Benefits of Alternative Schedules for Bitewing Radiographs," NCHSR Research Summary Series, DHHS Publication No. (PHS) 87-3407, February 1987.
45. Mehrez, A., Pliskin, J.S. and Mercer, A., "A New Points System for Soccer Leagues: Have Expectations Been Realised?," European Journal of Operational Research, Vol. 28, No. 2:154-157, 1987.
46. Shwartz, M., Pliskin, J.S., Grondahl, H.G. and Boffa, J., "A Mathematical Model of Dental Caries Used to Evaluate the Benefits of Alternative Frequencies of Bitewing Radiographs," Management Science, Vol. 33, No. 6:771-783, 1987.
47. Pliskin, J.S., Pilpel, D. and Ilani, S., "Economic Considerations and Size Determination of a Surgical Day Care Unit," Theoretical Surgery, Vol. 2, No. 1: 29-33, 1987.
48. Pliskin, J.S., Ronen, B., and Feldman, S., "Choosing an Electronic Cardiac Pacemaker: A Decision Analysis," European Journal of Operational Research, Vol. 32, No. 3:333-339, 1987.
49. Pliskin, J.S., "Clinical Algorithms, Protocol Charts and Decision Analysis: Some Definitions and Implications for Surgical care," Theoretical Surgery, Vol. 2, No. 4:199-203, 1988.
50. Zwetsloot-Schonk, J.H.M., Hermans, J., van Oosterom, A.T., Pliskin, J.S., Zwartendijk, J. and Leer, J.W., "Decision Analysis in Testicular Cancer," Theoretical Surgery, Vol. 2, No. 4:176-184, 1988.
51. Pliskin, J.S. and Pliskin, N., "Utility, Uncertainty, Information, Expert Systems, and Ethics in Medical Decision Making," Methods of Information in Medicine, Vol. 28, No. 1, 1989.
52. Zwetsloot-Schonk, J.H.M., Pliskin, J.S. and Leer, J.W., "Analysis of Diagnostic Therapeutic Strategies in Prostate Cancer. I. When Should a Pelvic

- Lymphadenectomy for Staging Be Performed?," Theoretical Surgery, Vol. 4, No. 2:67-78, 1989.
53. Zwetsloot-Schonk, J.H.M., Pliskin, J.S. and Leer, J.W., "Analysis of Diagnostic Therapeutic Strategies in Prostate Cancer. II. Can Lymphography Help to Select Patients for Staging Lymphadenectomy?," Theoretical Surgery, Vol. 4, No. 3:147-157, 1989.
  54. Shoham-Yakubovich, I., Pliskin, J.S. and Carr, D., "Infant Feeding Practices: An Evaluation of the Impact of a Health Education Course," American Journal of Public Health, Vol. 80, No. 6:732-734, 1990.
  55. Shoham-Yakubovich, I., Pliskin, J.S. and Carr, D., "The Impact of a Health Education Course on Maternal Knowledge: A Comparative Study in a Low Socio-Economic Rural Region," Health Education Quarterly, Vol. 18, No. 1:145-150, 1991.
  56. Eben-Chaime, M. and Pliskin, J.S., "Incorporating Patient Travel Times in Decisions on Size and Location of Dialysis Facilities," Medical Decision Making, Vol. 12, No. 1:44-51, 1992.
  57. Pilpel, D., Pliskin, J.S. and Sukenik, S., "Towards Internal Medicine Day Care: Estimating Need and Cost Savings," The Journal of Ambulatory Care Management, Vol. 15, No. 1:11-20, 1992.
  58. Margolis, C.Z., Sokol, N., Abendroth, T., Stickley, W., Pliskin, J.S., Davis, S. and Gottlieb, L., "Proposal for Clinical Algorithm Standards," Medical Decision Making, Vol. 12, No. 2:149-154, 1992.
  59. Margolis, C.Z., Warshawsky, S.S., Goldman, L., Dagan, O., Wirtschafter, D. and Pliskin, J.S., "Computerized Algorithms and Pediatricians' Management of Common Problems in a Community Clinic," Academic Medicine, Vol. 67, No. 4:282-284, 1992.
  60. Johannesson, M., Pliskin, J.S. and Weinstein, M.C., "Are Healthy-Years Equivalents an Improvement over Quality-Adjusted Life Years?," Medical Decision Making, Vol. 13, No. 4:281-286, 1993.
  61. Johannesson, M., Pliskin, J.S. and Weinstein, M.C., "A Note on QALYs, Time-Tradeoff, and Discounting," Medical Decision Making, Vol. 14, No. 2:188-193, 1994.
  62. Tsevat, J., Weeks, J.C., Guadagnoli, E., Tosteson, A.N.A., Mangione, C.M., Pliskin, J.S., Weinstein, M.C. and Cleary, P.D., "Using Health-Related Quality of Life Information: Clinical Encounters, Clinical Trials, and Health Policy," Journal of General Internal Medicine, Vol. 9, No. 10: 576-582, 1994.

63. Warshawsky, S.S., Margolis, C.Z., Urkin, J., Boehm, R., Goldfarb, D. and Pliskin, J.S., "Description and Physician Use of CLINIC - a Computerised Primary Care Medical Record System," Journal of Informatics in Primary Care, :22-26, 1994.
64. Warshawsky, S.S., Pliskin, J.S., Urkin, J., Cohen, N., Sharon, A., Binztok, M., and Margolis, C.Z., "Physician Use of a Computerized Medical Record System during the Patient Encounter: A Descriptive Study," Computer Methods and Programs in Biomedicine, Vol. 43, No. 3-4: 269-273, 1994.
65. Tengs, T.O., Adams, M.E., Pliskin, J.S., Safran, D.G., Siegel, J.E., Weinstein, M.C., and Graham, J.D., "Five-Hundred Life-Saving Interventions and their Cost-Effectiveness," Risk Analysis, Vol. 15, No. 3: 369-390, 1995.
66. Tengs, T.O., Meyer, G., Siegel, J.E., Pliskin, J.S., Graham, J.D., and Weinstein, M.C., "Oregon's Medicaid Ranking and Cost-Effectiveness: Is There Any Relationship?" Medical Decision Making, Vol. 16, No. 2:99-107, 1996.
67. David, I., Hornberger, J., and Pliskin, J.S., "On the Dilemma of Preemptive Kidney Transplantation," Medical Decision Making, Vol. 18, No. 3:347-348, 1998.
68. Pliskin, J.S., "Towards Better Decision Making in Growth Hormone Therapy," Hormone Research, Vol. 51, Suppl. 1:30-35, 1999.
69. Greenberg, D., Peiser, J.G., Peterburg, Y. and Pliskin, J.S., "Reimbursement Policies, Incentives and Disincentives to Perform Laparoscopic Surgery in Israel," Health Policy, Vol. 56, No. 1:49-63, 2001.
70. Greenberg, D. and Pliskin, J.S., "Preference Based Outcome Measures in Cost-Utility Analyses: A 20 Years Overview," International Journal of Technology Assessment in Health Care, Vol. 18, No. 3:461-466, 2002.
71. Greenberg, D., Pliskin, J.S. and Peterburg, Y., "Decision-Making in Acquiring Medical Technologies in Israeli Medical Centers: A Preliminary Study," International Journal of Technology Assessment in Health Care, Vol. 18, No. 4:1001-1008, 2002.
72. Goldberg, A., Pliskin, J.S. and Peterburg, Y., "Satisfaction Among Soldiers with Secondary Care Medical Services within a Military and within a Civilian Clinical Setting," Military Medicine, Vol. 167, No. 8:634-638, 2002.
73. Winkelmayr, W.C., Glynn, R.J., Levin, R., Mittleman, M.A., Pliskin, J.S. and Avorn, J., "Late Nephrologist Referral and Access to Renal Transplantation," Transplantation, Vol. 73, No. 12:1918-1923, 2002.

74. Winkelmayr, W.C., Weinstein, M.C., Mittleman, M.A., Glynn, R.J. and Pliskin, J.S., "Health Economic Evaluations: The Special Case of End-Stage Renal Disease Treatment," Medical Decision Making, Vol. 22, No. 5:417-430, 2002.
75. Winkelmayr, W.C., Glynn, R.J., Mittleman, M.A., Pliskin, J.S., Levin, R and Avorn, J., "Comparing Mortality of Elderly Patients on Hemodialysis versus Peritoneal Dialysis – A Propensity Score Approach," Journal of the American Society of Nephrology, Vol. 13, No. 9:2353-2362, 2002.
76. Greenberg, D., Pliskin, J.S. and Peterburg, Y., "Decision-Making in Acquiring Medical Technologies in Israeli Medical Centers: A Preliminary Study," International Journal of Technology Assessment in Health Care, Vol. 19, No. 1:194-201, 2003.
77. Goldberg A, Pliskin JS, Peterburg Y., "Secondary Medical Services for Israel Defense Forces Career Personnel in an Age of National Compulsory Health Insurance," Australian Military Medicine, Vol. 12, No. 1:4-8, 2003 .
78. Goldberg, A., Pliskin, J.S. and Peterburg, Y., "Gaps in Expectations among Clients of Secondary Medical Services in the Military System Compared to the Civilian System as a Satisfaction Index," Military Medicine, Vol. 168, No. 4:274-279, 2003.
79. Peleg, K. and Pliskin, J.S., "A Geographical Information System Simulation Model of Emergency Medical Services: Reducing Ambulance Response Times," The American Journal of Emergency Medicine, Vol.22, No. 3:164-170, 2004.
80. Radcliffe, D.J., Pliskin, J.S., Silvers, J.B. and Cuttler L., "Growth Hormone (GH) Therapy and Quality of Life in Adults and Children," Pharmacoeconomics, Vol. 22, No. 8:499-524, 2004.
81. Schwartz-Ilan, D, Shvarts, S., Peled, R., Pliskin, J.S. and Goldberg, A., "From the Natanyahu State Commission to Management Task in the Israeli Health System," Harefuah, Vol. 143, No. 10:718-721, 2004 (Hebrew).
82. Warshawsky-Livne, L., Cwikel, J., Avgar, A. and Pliskin, J.S., "Perception of Healthcare Delivery in Israel: Women's Voices," Health Care for Women International, Vol. 26, No. 5:448-455, 2005.
83. Greenberg, D, Peterburg, Y, Vekstein D. and Pliskin, J.S., "Decisions to Adopt New technologies at the Hospital Level: Insights from Israeli Medical Centers," International Journal of Technology Assessment in Health Care, Vol. 21, No. 2: 219-227, 2005.

84. Carr, P.L., Rothberg, M.B., Friedman, R.H., Felsenstein, D. and Pliskin, J.S., "Shotgun" vs. Sequential Testing: Cost-Effectiveness of Diagnostic Strategies for Vaginitis," Journal of General Internal Medicine, Vol. 20, No. 9:793-799, 2005.
85. Schwartz-Ilan, D., Goldberg, A., Pliskin, J.S., Peled, R. and Shvarts, S., "Integration of Health Systems Management Bachelors Program Graduates into the Israeli Healthcare Market," The Journal of Health Administration Education, Vol. 22, No. 3:345-357, 2005.
86. Peled, R., Tal, A., Pliskin, J.S. and Reuveni, H., "A Computerized Surveillance System for the Quality of Care in Childhood Asthma," Journal of Health Care Quality, Vol. 27, No. 5:28-33, 2005.
87. Peled, R., Reuveni, H., Pliskin, J.S., Benenson, Y., Hatna, E. and Tal, A. "Defining Localities of Inadequate Treatment for Childhood Asthma: A GIS Approach," International Journal of Health Geographics, Vol. 17, No. 5:3, 2006.
88. Greenberg, D. and Pliskin, J.S., "Using Health State Classification Systems for Utility Elicitation in the Elderly," Medical Decision Making, Vol. 26, No. 3:220-222, 2006.
89. Keren, B. and Pliskin, J.S., "A Benchmark Solution for the Risk-Averse Newsvendor Problem," European Journal of Operations Research, Vol. 174, No. 3: 1643-1650, 2006.
90. Novack, L., Pliskin, J.S., Shinar, E., Safi, J. and Sarov, B., "Accuracy and Cost-benefit of Pooled versus Singleton Screening Blood Donations for anti-HIV: Impact on Different Blood Ban Set-ups," Tropical Doctor, Vol. 36, No. 4:236-239, 2006.
91. Novack, L., Shinar, E., Safi, J., Soliman, H., Yaari, A., Galai, N., Pliskin J.S. and Sarov, B., "Evaluation of Pooled Screening of Blood for anti-HCV in Two Blood Services Set-ups," Trop Med Int. Health, Vol. 12, No. 3:415-421, 2007.
92. Sarov, B., Novack, L., Beer, N., Safi, J., Soliman, H., Pliskin J.S., Litvak, E., Yaari, A. and Shinar, E., "Feasibility and Cost-benefit of Implementing Pooled Screening for HCVAg in Small Blood Bank Settings," Transfusion Medicine, Vol. 17, No. 6: 479-487, 2007.
93. Greenberg, D. and Pliskin, J.S., "Adoption and User of New Medical Technology at the Hospital Level," Hospital, Vol. 10, No. 1: 18-19, 2008.
94. Greenberg, D., Wacht., O. and Pliskin, J.S., "Factors Associated with the Full-Length Publication of Studies Presented in Abstract Form at the Annual Meeting of the Society for Medical Decision Making," Medical Decision Making, Vol. 28, No.6: 938-942, 2009.

95. Greenberg, D., Siebzehner, M. and Pliskin, J.S., "The Process of Updating the National List of Health Services in Israel: Is it Legitimate? Is it Fair?," International Journal of Technology Assessment in Health Care, Vol. 25, No. 3: 255-261, 2009.
96. Triki, N., Pliskin, J.S. and Greenberg, D., "Can Linking Co-payment on Drugs to Evidence on Treatment Value Improve Health Outcomes and Contain Healthcare Costs?," Harefuah, Vol. 149, No. 8:2-6, 2010 (Hebrew).
97. Hammerman, A., Lipschitz, Y., Pliskin, J.S. and Greenberg, D., "Public Financing for Off-label Use of Drugs," Harefuah, Vol. 150: 163-167, 2011 (Hebrew).
98. Vashitz, G., Davidovitch, N. and Pliskin, J.S., "Second Medical Opinions," Harefuah, Vol. 150, No. 2: 227-232, 2011 (Hebrew).
99. Zuker, A., Heart, T., Parmet, Y., Pliskin, N. and Pliskin, J.S., "Electronic Notification about Drug Substitutes can Change Physician Prescription Habits," Medical Decision Making, Vol. 31, No. 3:395-404, 2011.
100. Heart, T., Zuker, A., Parmet, Y., Pliskin, J.S. and Pliskin, N., "Investigating Physicians' Compliance with Drug Prescription Notifications," Journal of the Association for Information Systems , Vol. 12, No. 3: 235-254, 2011.
101. Alalouf, A., David, I. and Pliskin, J.S., "Computing the Probability of HLA-like Matching," Annals of Operations Research, DOI 10.1007/s10479-011-1049-2, 2011.
102. Keren, B. and Pliskin, J.S "Optimal Timing of Joint Replacement using Mathematical Programming and Stochastic Programming Models", Health Care Management Science, DOI 10.1007/s10729-011-9172-9, 2011.
103. Vashitz, G., Pliskin, J.S., Parmet, Y., Kosashvili, Y., Ifergane, G., Wientroub, S. and Davidovitch N., "Do First Opinions affect Second Opinions?," Journal of General Internal Medicine, Vol. 27, No. 10: 1265–1271. 2012.
104. Warshawsky-Livne, L., A'wad, F., Shkolnik-Inbar, Y. and Pliskin, J.S., "A Note on the Relationship between Health-Risk Attitude and Monetary-Risk Attitude," Health, Risk & Society, Vol. 14, No. 4: 377-383, 2012.
105. Greenfield, G., Pliskin, J.S., Feder-Bubis, P., Wientroub, S. and Davidovitch N., "Patient-physician Relationships in Second Opinion Encounters – the Physicians' Perspective," Social Science and Medicine, Vol. 75:1202-1212, 2012.
106. Greenfield, G., Pliskin, J.S., Wientroub, S. and Davidovitch N., "Orthopedic Surgeons' and Neurologists' Attitudes towards Second Opinions in the

- Israeli Healthcare System: A Qualitative Study,” Israel Journal of Health Policy Research, Vol. 1, doi:10.1186/2045-4015-1-30, 2012.
107. Yamin, D., Gaviious, A., Davidovitch, N. and Pliskin, J.S., “Role of Intervention Programs to Increase Influenza Vaccination in Israel,” Israel Journal of Health Policy Research, Vol. 3, No.13, doi:10.1186/2045-4015-3-13, 2014.
  108. Warshawsky-Livne, L., Novack, L., Rosen, A.B., Downs, S.M., Shkolnik-Inbar, Y. and Pliskin, J.S., “Gender Differences in Risk Attitudes,” Preference Measurement in Health, an edited volume in the series of Advances in Health Economics and Health Services Research, (in press).
  109. Yamin, D., Gaviious, A., Solnik, E., Davidovitch, N., Balicer, R., Galvani, A. and Pliskin, J.S., “An Innovative Influenza Vaccination Policy: Targeting Last Season's Patients,” PLOS Computational Biology (in press).

#### MEETINGS AND INVITED PAPERS

1. Pliskin, J.S. and Steinman, T.I., "Projecting Future Need for Dialysis Beds - A Computer Model," presented at the Clinical Dialysis and Transplant Forum, American Society of Artificial Internal Organs, Washington, D.C., November 1973.
2. Pliskin, J.S. and Steinman, T.I., "Hemodialysis - Projecting Future Bed Needs. Deterministic and Probabilistic Forecasting," presented at the Eastern Section of the American Federation for Clinical Research, Boston, January 1974.
3. Pliskin, J.S. and Beck, C.H., Jr., "Utilizing Value Functions to Establish a Health Status Index," presented at the Joint National Meeting of ORSA/TIMS, Boston, April 1974. (Honorable Mention, Fourth Annual Student Paper Competition.)
4. Weinstein, M.C. and Pliskin, J.S., "Decision Analytic Approach to Criteria for Coronary-Artery Bypass Surgery," presented at the Joint National Meeting of ORSA/TIMS, San Juan, Puerto Rico, October 1974.
5. Weinstein, M.C., Shepard, D.S. and Pliskin, J.S., "Decision Theoretic Approaches to Valuing a Year of Life," presented at the Joint National Meeting of ORSA/TIMS, Chicago, April 1975.

6. Pliskin, J.S., Weinstein, M.C. and Shepard, D.S., "Utility Functions for Life Years and Health Status," presented at the Joint National Meeting of ORSA/TIMS, Chicago, April 1975.
7. Shepard, D.S., Pliskin, J.S. and Weinstein, M.C., "The Non-Existence of Reduced-Form Utility Functions: Problems in Valuing Lotteries on Length of Life," presented at the Joint National Meeting of ORSA/TIMS, Chicago, April 1975.
8. Weinstein, M.C., Shepard, D.S. and Pliskin, J.S., "The Economic Value of Changing Mortality Probabilities: A Decision-Theoretic Approach," presented at the meetings of the American Public Health Association, Miami, October 1976.
9. Pliskin, J.S. and Pliskin, N., "Decision Analysis in Clinical Practice," presented at the TIMS XXIII International Meeting, Athens, Greece, July 1977.
10. Mendelson, H., Pliskin, J.S. and Yechiali, U., "A Stochastic Allocation Problem," presented at the Joint National Meeting of ORSA/TIMS, New York, May 1978.
11. Ronen, B. and Pliskin, J.S., "Decision Analysis in Microelectronic Reliability: Optimal Design and Realization of a Diode Array," presented at the Joint National Meeting of ORSA/TIMS, New York, May 1978.
12. Ronen, B., Pliskin, J.S., Feldman, S. and Neufeld, H.N., "Optimal Choice of Implanted Cardiac Pacemakers," presented at the VIth World Symposium on Cardiac Pacing, Montreal, Canada, October 1979.
13. Pliskin, J.S., Shepard, D.S. and Weinstein, M.C., "Utility Functions for Life Years and Health Status: Theory, Assessment, Application," an invited discussion paper for the meetings of the American Public Health Association, New York, November 1979.
14. Ronen, B., Pliskin, J.S. and Feldman, S. "A Decision Analysis for Choosing a Cardiac Pacemaker," presented at the Joint National Meeting of ORSA/TIMS, Washington, D.C., May 1980.
15. Pliskin, J.S., Ronen, B. and Feldman, S., "Choosing a Cardiac Pacemaker: A Decision Analysis," presented at the second annual meeting of the Society for Medical Decision Making, Washington, D.C. September 1980.
16. Shepard, D.S., Pliskin, J.S. and Weinstein, M.C., "Valuing Reductions in the Probability of Death at Different Ages: Results Derived from a Utility Function on Consumption," an invited discussion paper for the annual meeting of the APHA, Detroit, October 1980.



17. Pliskin, J.S. and Tell, E.J., "Using a Dialysis Need-Projection Model for Health Planning in Massachusetts," presented at the Tenth Annual International Prize Competition for Management Science Achievement Sponsored by the TIMS College on the Practice of Management Science, CORS-TIMS-ORSA Joint National Meeting, Toronto, Canada, May 1981.
18. Pliskin, J.S. and Dori, D., "Ranking Alternative Warehouse Layouts: A Multiattribute Approach," presented at the CORS-TIMS-ORSA Joint National Meeting, Toronto, Canada, May 1981.
19. Pliskin, J.S. and Tell, E.J., "Successful Implementation of a Dialysis Need Forecasting Model," presented at the third annual meeting of The Society for Medical Decision Making, Philadelphia, October 1981.
20. Shwartz, M., Pliskin, J.S., Boffa, J., et al., "A Mathematical Model of Dental Caries Used to Analyze Dental X-Ray Strategies," presented at the TIMS/ORSA Joint National Meeting, Detroit, April 1982.
21. Pliskin, J.S., Fineberg, H.V., and Juul, S., "The Problem of Variability in Measuring the Effectiveness of Automated White Blood Cell Differential Counters," presented at the TIMS/ORSA Joint National Meeting, Detroit, April 1982.
22. Shwartz, M., Pliskin, J. S., Grondahl, H. and Boffa, J., "Issues in the Collection and Analysis of Longitudinal Data on Disease Progression: The Case of Dental Caries," presented at the fourth annual meeting of the Society for Medical Decision Making, Boston, October 1982.
23. Juul, S., Pliskin, J. S. and Fineberg, H.V., "Information and Variation in the White Blood Cell Differential Count," presented at the fourth annual meeting of The Society for Medical Decision Making, Boston, October 1982.
24. Shwartz, M., Pliskin, J.S., Grondahl, H.G. and Boffa, J., "A Mathematical Model of Approximal Caries," presented at the fifth annual meeting of the Society for Medical Decision Making, Toronto, October 1983.
25. Shwartz, M., Pliskin, J.S., Grondahl, H.G. and Boffa, J., "How Often Do You Need Dental X-rays? A Cost-effectiveness Analysis," presented at the TIMS/ORSA Joint National Meeting, San Francisco, May 1984.
26. Shwartz, M., Pliskin, J.S., Grondahl, H.G. and Boffa, J., "Value of Alternative Frequencies of Bitewing Radiographs," presented at the sixth annual meeting of the Society for Medical Decision Making, Bethesda, November 1984.
27. Pliskin, J.S., Shwartz, M. and Grondahl, H.G., "Modeling the Initiation and Progression of Dental Caries," presented at the Meeting of the Biometric Society,

Netherlands Region, and Netherlands Society for Statistics and Operations Research, Nijmegen, The Netherlands, February 1986.

28. Pliskin, J.S., "Medical Strategies and Protocolized Medicine," presented at the First Congress of the European Society for Medical Decision Making, Leiden, The Netherlands, October 1986.
29. Zwetsloot-Schonk, J.H.M., Leer, J.W. and Pliskin, J.S., "The Value of Lymphadenectomy and Lymphography for Staging Prostatic Carcinoma," presented at the First Congress of the European Society for Medical Decision Making, Leiden, The Netherlands, October 1986.
30. Zwetsloot-Schonk, J.H.M., Leer, J.W. and Pliskin, J.S., "Lymphadenectomy and Lymphography for Staging Prostatic Carcinoma," presented at the Meeting of the Dutch Society of Radiation Oncology, Leiden, The Netherlands, February, 1987.
31. Zwetsloot-Schonk, J.H.M., Pliskin, J.S. and Leer, J.W., "Subjective Assessment of Relative Burdens Associated with Diagnostic - Therapeutic Strategies for Prostatic Carcinoma," presented at the TIMS/ORSA Joint National Meeting, Washington, D.C., April 1988.
32. Zwetsloot-Schonk, J.H.M., Leer, J.W. and Pliskin, J.S., "A Stepwise Analysis of Diagnostic - Therapeutic Strategies for Prostatic Carcinoma," presented at the Second Conference of the European Society for Medical Decision Making, Copenhagen, Denmark, June 1988.
33. Pliskin, J.S., "Forecasting Dialysis Needs: A Population Based Model with Allowances for Patient Travel Time," Presented at the Second Conference of the European Society for Medical Decision Making, Copenhagen, Denmark, June 1988.
34. Zwetsloot-Schonk, J.H.M., Pliskin, J.S. and Leer, J.W., "Diagnostic - Therapeutic Strategies for Prostatic Carcinoma: A Utility Threshold Approach," presented at the eleventh annual meeting of the Society for Medical Decision Making, Minneapolis, October 1989.
35. Pliskin, J.S., Carmi, R. and Romem, I., "Optimal Screening Strategies for Detecting Down's Syndrome: A Cost-Benefit Analysis," presented at the Third Conference of the European Society for Medical Decision Making, Glasgow, U.K., June 1990.
36. Margolis, C.Z., Pearson, S., Gotlieb L.K., Davis, S., Kuvin Schreier, L. and Pliskin, J.S., "A Method for Determining Clinical Algorithm Reliability," presented at the twelfth annual meeting of the Society for Medical Decision Making, Boston, MA, November 1990.

37. Pliskin, J.S., "Cost-Benefit and Cost-Effectiveness Analysis," presented at the Fourth Biennial Conference of the European Society for Medical Decision Making, Marburg, Germany, June 1992.
38. Refaeli, O., Romem, Y., Carmi, R. and Pliskin, J.S., "Optimal Screening for Down's Syndrome in Israel: A Cost-Benefit Policy Analysis," presented at the 7th International Conference on Early Prenatal Diagnosis, Jerusalem, Israel, May 1994.
39. Pliskin, J.S., Refaeli, O., Romem, Y. and Carmi, R., "Optimal Screening for Down's Syndrome in Israel: A Cost-Benefit Policy Analysis," presented at the Fifth Biennial Conference of the European Society for Medical Decision Making, Lille, France, October 1994.
40. Pliskin, J.S., Refaeli, O., Romem, Y. and Carmi, R., "Optimizing the Prenatal Detection of Down's Syndrome: A Decision-Analytic Policy Analysis," presented at "Wise Choices: Games, Decisions, and Negotiations," A Colloquium in Honor of Professor Howard Raiffa, Boston, MA, October 1994.
41. Pliskin, J.S., "Cost-Effectiveness Analysis and the Implementation of Guidelines: Which comes First?" presented at the AWMF International Conference on Clinical Practice Guidelines, Frankfurt, Germany, September 1998.
42. Paltiel, D. and Pliskin, J.S., "Utility Theory," short course presented at the Society for Medical Decision Making meeting, Boston, MA, October 1998.
43. Pliskin, J.S., "Towards Better Decision Making," presented at the 3<sup>rd</sup> KIGS/KIMS Expert Meeting, Sorrento, Italy, November 1998.
44. Greenberg, D., and Pliskin, J.S., "Cost-Effectiveness Analysis in Technology Assessment: Laparoscopic versus Conventional Techniques," presented at the World Congress of High-Tech Medicine, Hanover, Germany, October 2000.
45. Warshawsky-Livne, L., Sandler, O., Assa, R., Cwikel, J. and Pliskin, J.S., "A Gender Comparison of Economic Health Assessments," presented at the Eight Biennial Conference of the European Society for Medical Decision Making, Taormina, Sicily, Italy, June 2002.
46. Pliskin, J.S., "Making Better Decisions in Health and Medicine," presented at the Swiss Medical Decision Making Society (SMDMS) Forum, Berne, Switzerland, January 2004.
47. Greenberg, D. and Pliskin, J.S., "Decision Making in Acquiring Medical Technologies at the Hospital Level," presented at the ESF Research Conference on New Technology and Medical Decision Making, Kiel, Germany, October 2006.

48. Greenberg, D., Siebzeher, M. & Pliskin, J.S., "The Process of Updating the National List of Health Services in Israel: is it Legitimate? Is it Fair?," ISPOR 13th Annual International Meeting, Toronto, Canada, May, 2008.
49. A. Zuker and J.S. Pliskin, "Influencing Physician Prescription Habits in a Computerized System", 12th Biennial European Conference of the Society for Medical Decision Making Europe 2008, Engelberg, Switzerland, June 2008.
50. Zuker, A., Heart, T., Pliskin, J.S. and Pliskin, N., "Influencing Physician Drug Prescription Habits toward Cost Containment", International Conference on Information Systems (ICIS2008), Paris, France, December 2008.
51. Zuker, A., Heart, T., Pliskin, N. & Pliskin, J.S., "Can Electronic Notifications about Substitutes Change Physicians' Drug Prescription Habits? Definitely Yes", 12th Annual European Congress of the International Society for Pharmacoeconomics and Outcomes Research (ISPOR), Paris, France, 2009.
52. Vashitz, G, Pliskin, J.S. & Davidovitch, N., "Biases in Second Opinion Consultations", 13th Biennial European Conference of the Society for Medical Decision, Hall in Tyrol, Austria, May, 2010.
53. Vashitz, G, Pliskin, J.S., Parmet, Y, Kosashvili, Y, Ifargan, G, Wientrob, S & Davidovitch, N., "Are Second Opinions Objective? Biases in Second Opinion Consultations", ISPOR 13th Annual European Congress, Prague, Czech Republic, November 2010.
54. Pliskin, J.S., Focused Operations Management in Health Care Organizations: Doing More with Existing Resources," short course given at the 33rd Annual Meeting of the Society for Medical Decision Making, Chicago, USA, October 2011.
55. Schwartz, D., Pliskin, J.S., Goldberg, A. & Ronen, B., "Mitigating Emergency Department Over-crowding Utilizing Focused Operations Management Tools," ISPOR 14th Annual European Congress, Madrid, Spain, November 2011.
56. Yamin, D., Gavius, A., Solnik, E., Davidovitch, N. & Pliskin, J.S., "Rethinking Influenza Vaccination Policy: Targeting the Ones who were Sick last Season," 14th Biennial European Conference of the Society for Medical Decision Making, Oslo, Norway, June 2012.
57. Yamin, D., Gavius, A., Solnik, E., Davidovitch, N. & Pliskin, J.S., "An Influenza Vaccination Policy Based on a Previous Year's Illness," 34<sup>th</sup> Annual Meeting of the Society for Medical Decision Making, Phoenix, USA, October 2012.

58. Schwartz, D., Pliskin, J.S., Ronen, B. & Goldberg, A., "Identifying Major Operational Causes and Potential Remedies for Emergency Department Overcrowding," ISPOR 15th Annual European Congress, Berlin, Germany, November 2012.
59. Yamin, D., Gaviious, A., Solnik, E., Davidovitch, N. & Pliskin, J.S., "An Influenza Vaccination Policy Based on a Previous Year's Illness," ISPOR 15th Annual European Congress, Berlin, Germany, November 2012.
60. Pliskin, J.S., "An Innovative Influenza Vaccination Policy: Targeting Last Season's Patients," The 6<sup>th</sup> Annual Conference of ISPOR-Israel, Herzliya, Israel, April, 2013.
61. Daichman, S., Greenberg, D., Triki, N., Hammerman, A., Luxenburg, O. & Pliskin, J.S., "Using the Delphi Method for Selecting Medical Technologies under Budget Constraints: A Feasibility Study," The 5th International Jerusalem Conference on Health Policy, Jerusalem, Israel, June 2013.
62. Daichman, S., Greenberg, D., Triki, N., Hammerman, A., Luxenburg, O. & Pliskin, J.S., "Using the Delphi Method for Selecting Medical Technologies under Budget Constraints: A Feasibility Study," ISPOR 16th Annual European Congress, Dublin, Ireland, November 2013.

## GRADUATE DISSERTATIONS

### M.Sc. Students

1. Mendelson, H., "Optimal Utilization of Stochastically Growing Databases" (1977).
2. Perry, D., "Optimal Gambling in Poker" (1977).
3. Ronen, B., "Decision Analysis in Electronic Reliability" (1979).
4. Nir, Y., "Applications of Utility Theory in Maintenance Problems" (1979).
5. Schwerdt, J., "A Multidimensional Decision Model Applied to the Planning of Department Stores Layout" (1979).
6. Shamir, N., "Methods for Classifying Patients after Acute Myocardial Infarction into Two Populations on the Fourth Day of Hospitalization" (1980).

7. Zalzburg, S., "Economic and Policy Analysis of Preventing Retarded Newborns in Israel" (1981).
8. Paz, D., "Factors Influencing the Use of Medical Services" (1985).
9. Arbeli, Y., "A Socio-Economic Analysis of Infant Mortality in the Negev: Implications for Developing a Public Health System" (1985).
10. Bar, H., "Supply and Demand in the Phosphate and Phosphoric Acid Markets in the United States" (1986).
11. Yehezkelly, P., "Evaluation of the Importance of Occupational Therapy in the Psychiatric Hospital-Beer Sheva" (1986).
12. Zur, H. "A Comparative Evaluation between Blood Banks in Two Hospitals" (1986).
13. Greenstein, N., "Preparation of a Goals and Performance Budgeting System for Personal Preventive Services in the Ministry of Health" (1986).
14. Schreter, Z., "The Process of Optimal Allocation of Resources for Medical Research and Development" (1989).
15. Hechtlinger, M., "The Efficiency of the Allocation of Nursing Manpower in Soroka Hospital" (1989).
16. Lazin, R., "Student Characteristics as Predictors of Dropout from Medical School" (1989).
17. Uri, O., "A Model for Resource Allocation in Hospital Operating Rooms" (1989).
18. Refaely, O., "An Optimal Strategy for Prenatal Diagnosis of Down's Syndrome" (1993).
19. Shalev, O., "Post-Implementation Evaluation of the Intervention by the Beer-Sheva Police in Marital Violence" (1994).
20. Greenberg, D., "Cost-Effectiveness of Implanted Cardioverter Defibrillators" (1996).
21. Keidar, T., "The PRIMA Model: A Software Risk Management Model Using Markov Chains" (2000).
22. Shye, A., "Cost-effectiveness of Heliotherapy for the Treatment of Psoriasis" (2000).

23. Kotler, M., "Can Atypical Neuroleptics Help Reduce Health Care Costs: The Case of Olanzapine in Treatment of Refractory Schizophrenic Patients in Israel" (2002).
24. Bechar, I., "The Cost of the Last Year of Life" (2003).
25. Freud, T., "Effects of Co-payment on the Use of Consultant Specialists Services in the Negev Region" (2004).
26. Oren, K., "The Capping Mechanism in Israel" (2004).
27. Inbar, Y., "Gender Differences in Taking Health Risks" (2006).
28. Guttentag, L., "Risk Management in Medicine," (2009) (with A. Perry)
29. Yizhar, O., A Model for Managing Medical Waste (with G. Oron)

Ph.D. Students (unless otherwise noted, all are at Ben-Gurion University)

1. Zwetsloot-Schonk, J.H.M., "Hospital Databases and Decision Analysis in Evaluating Diagnostic Procedures" (Leiden University, 1990).
2. Handel, T., "Dimensions of the Professional Leadership Role of the Staff Nurse in General Hospitals in Israel" (1991) (with R. Bergman).
3. Yehezkely, P., "The Child Abuse Syndrome: Organizational and Administrative Aspects" (1993) (with C. Margolis).
4. Goldberg, A., "Optimizing Secondary Medical Care in the Israeli Defense Forces" (Summa Cum Laude, 1998) (with Y. Peterburg).
5. Peleg, K., "Optimizing the Allocation of Emergency Medical Services in Israel" (2000).
6. Greenberg, D., "Diffusion of Medical Technology in the Israeli Health Care System" (2001) (with Y. Peterburg and D. Vekstein).
7. Winkelmayr, Wolfgang, C., "Issues in Renal Health Care Policy: New Aspects of Access and Outcomes" (Harvard School of Public Health, 2001) (with MC Weinstein, RJ Glynn and MA Mittleman).
8. Shnaiderman, H., "Logistics in Health Care Systems: A Multidimensional Model" (Summa Cum Laude, 2002) (with A. Goldberg).

9. Peled, R., "A New Model for the use of Geographic Information Systems (GIS), for the Assessment of Health Care Services and Disease Management" (2002) (with H. Reuveni).
10. Keren, B., "Decision Making in the Firm under Risk and Uncertainty" (Summa Cum Laude 2003).
11. Warshawsky-Livne, L., "Analysis of the Organizational, Managerial and Economic Aspects of Health Care Delivery for Women in Israel" (2004) (with J. Cwikel).
12. Weiss, Y., "Medical Complaints as a Tool and Indicator for Improving Medical Care to IDF Soldiers" (2004) (with A. Goldberg).
13. Novak, Y., "Cost-Effective Strategies for Pooled Screening of Blood" (2005) (with B. Sarov).
14. Siebzehner, M., "Priority Setting in the Health System: Evaluation of the Israeli Model" (2005) (with H. Reuveni).
15. Engelchin-Nissan, E., "Israeli HMOs and the Capitation Formula: Centralization, Spatial Accessibility and Satisfaction" (2005) (with M. Leshno).
16. Grinberg, A., "The Influence of Labeling Patients as 'Unpopular Patients' on the Quality of Care they Receive" (Summa Cum Laude 2007) (with D. Van Dijk).
17. Zuker, A., "The Effect of Structured Guidelines for Computerized Prescription Generation on Actual Prescription Writing" (2007).
18. Dajani, K., "Health Needs Assessment of Palestinian Adolescents" (2008) (with B. Porter, R. Carel, Z. Abdeen).
19. Balicer, R., "Enhancing National Preparedness Strategies in Face of an Impending Influenza Pandemic" (2008).
20. Perry, A., "A Model for Proactive Medical Risk Management for Physician and Patient Safety Based on Aviation Concepts" (2009) (with A. Goldberg, A. Ziv, H. Berkenstadt).
21. Alalouf, A., "Dynamic Allocation of Organs for Transplantation," (2010) (with I. David)
22. Oren, K., "A National Multidimensional Model for Comparative Performance Evaluation of Public General Hospitals" (2011) (with A. Goldberg).



23. Daychman, S., "Using Game Theory to Improve Health Resource Allocation" (2013) (with E. Segev)
24. Yamin, D., "Optimizing Influenza Vaccinations" (2013) (with A. Gavious)
25. Schwartz, D., "Focused Management in the Emergency Department" (current) (with A. Goldberg, B. Ronen)
26. Aharony, T, "Physician Decision Making" (current) (with D. Leiser)
27. Hassid, S., "Effects of a Healthcare Information Systems on the Doctor-Patient Relationship" (current) (with T. Heart)
28. Shmueli, L., "The extent of using second medical opinions in Israel" (current)

## GRADUATE AND UNDERGRADUATE TEACHING EXPERIENCE

1. Introduction to Operations Research
2. Deterministic Models in Operations Research
3. Probabilistic Models in Operations Research
4. Decision Analysis
5. Advanced Topics in Decision Analysis
6. Advanced Topics in Operations Research
7. Statistics for Management
8. Regression Analysis
9. Management Science
10. Seminar: Topics in Decision Analysis
11. Seminar: Operations Research Applications in Health
12. Seminar: Operations Research Applications in the Public Sector
13. Quantitative Thinking (Biostatistics) and Epidemiology
14. Clinical Judgement
15. Decision Analysis for Health and Medical Practices
16. Operations Management
17. Advanced Topics in Health Decision Science
18. Operations Management for Service Delivery Organizations
19. Introduction to Decision making

## ACADEMIC ADMINISTRATION

### National Service

Council for Higher Education Committee for Evaluation of B.Tech Degrees

### University Service

Deputy Rector

Appointment, Promotion and Tenure Committee (APT)

Chair, Resource Committee

Chair, University Curriculum Committee

Executive Committee

Finance Committee

Committee for Evaluation of Instruction

Committee for Research Students

Academic Coordinator, Boston University/Ben-Gurion University MSM Program

APT Committee of the Faculty of Humanities and Social Sciences

APT Committee of the Faculty of Health Sciences

APT Committee of the School of Management

APT Committee of the Institute for Desert Research

Search Committee for Rector

Chair, Committee for Interdisciplinary Research Students

Chair, Rules and Regulations Committee

Committee for Instruction Improvement

### Faculty and Departmental Service

Chair, Division of Public Health Sciences, Faculty of Health Sciences

Chair, Department of Health Policy and Management, Faculty of Health Sciences

Chair, Department of Health Systems Management, School of Management

Faculty Appointment Promotion and Tenure Committee (Engineering Sciences, Health Sciences)

Faculty Graduate Curriculum Committee (Engineering Sciences)

Chair, Departmental Graduate Curriculum Committee (Industrial Engineering & Management and Health Systems Management)

Search Committee for Dean of Engineering Sciences

Chair, Curriculum Committee, Recanati School of Community Health Professions

Vice-chair, Department of Industrial Engineering and Management

## RESEARCH GRANTS

- 2011 Israel Science Foundation, "How do Emergency Department Physicians Decide to Hospitalize a Patient due to a Suspected Acute Coronary Syndrome?", (with S. Codish), 3 years, \$140,000.
- 2011 The Israel National Institute for Health Policy and Health Services Research, "Utilization of Second Medical Opinions and Doctor Shopping Behavior: Magnitude and Policy," 2 years, NIS 213,600.
- 2010 The Israel National Institute for Health Policy and Health Services Research, "Self Interests versus Group Interests in Influenza Virus Vaccinations: Incentives for Optimizing Vaccination Policy," (with A. Gavius), 2 years, NIS 288,860.
- 2008 The Israel National Institute for Health Policy and Health Services Research, "Physicians' Attitudes, Behaviors and Barriers in Second Opinion Consultations - Implications to Public Health Policy," (with N. Davidovitch), 1.5 years, NIS 113,971.
- 2008 Maccabi Health Services, "A National Multidimensional Model for Comparative Performance Evaluation of Public General Hospitals," (with A. Goldberg, K. Oren, B. Porter), One year, NIS 80,000.
- 2007 The Israel National Institute for Health Policy and Health Services Research, "A National Multidimensional Model for Comparative Performance Evaluation of Public General Hospitals," (with A. Goldberg, K. Oren), Three years, NIS 280,000.
- 2006 Maccabi Health Services, "A Model for Proactive Risk Management for Patient and Physician Safety based on Aviation Concepts (with A. Goldberg, M. Gindy, A. Perry), One year, NIS 100,000.
- 2005 The Israel National Institute for Health Policy and Health Services Research. "Using rapid health technology assessment to support decisions to add new technologies to the benefits package: a feasibility study," (with D. Greenberg and M. Siebzehner), One year, NIS 100,000.
- 2004 National Institute for Health Policy and Health Services Research, "Gender Differences in Taking Health Risks," (with L. Warshawsky-Livne), One year, NIS 87,120.
- 2003 Roter Foundation – Maccabi Health Services, "Gender Differences in Taking Health Risks," (with L. Warshawsky-Livne), One year, NIS 6000.
- 2003 USAID-MERC, "Assessment of New Strategies for Screening Blood for HCV," (with B. Sarov, E. Litvak et al.), 2 years, \$480,442.
- 2002 National Institute for Health Policy and Health Services Research, "Profile of Women's Health Centers in Israel," (with J. Cwikel, A. Avgar and L. Warshawsky-Livne), one year, NIS 80,000.

- 2002 National Institute for Health Policy and Health Services Research, "Technology Adoption in the Israeli Health Care System in an Era of Budget Constraints," (with D. Vekstein, Y. Peterburg and D. Greenberg), 1.5 years, NIS 211,200.
- 2000 National Institute for Health Policy and Health Services Research, "The Determinants of the Adoption and Diffusion of Laparoscopic Procedures in the Israeli Health Care System," (with Y. Peterburg, J. Peiser and D. Greenberg), One year, NIS 74,140.
- 2000 National Institute for Health Policy and Health Services Research, "Early Detection and Evaluation of Emerging Medical Technology in Israel," (with D. Greenberg), One year, NIS 59,950.
- 2000 National Institute for Health Policy and Health Services Research, "Evaluation of Women's Health Care Service Delivery – The Consumer's Perspective," (with A. Avgar, J. Cwikel, L. Warshwasky-Livne), One year, NIS 77,250.
- 1999 USAID-MERC, "Cost-Effective Strategies for Pooled Screening of Blood," (with E. Litvak, B. Sarov), 3 years, \$850,000.
- 1998 National Institute for Health Policy and Health Services Research, "Diffusion of Medical Technology in Israel," (with D. Greenberg), One year, NIS 59,950.
- 1998 National Institute for Health Policy and Health Services Research, "A Model for Emergency Medical Services in Israel," (with K. Peleg), One year, NIS 59,950.
- 1991 Ministry of Finance, "Kidmat Negev Project," Six months, \$18,000.
- 1986 Chief Scientist - Ministry of Health, "Second Medical Opinion: Potential Impact on Surgical Decision and Effect on Health Services" (with D. Shinar), One year, \$7427.
- 1985 US-Israel Bi-National Science Foundation (BSF), "A Clinical Algorithm System for Improving Resource Use" (with C.Z. Margolis), 3 years, \$80,000.
- 1983 GIF (Germany-Israel), "Evaluation of Different Modalities of Primary Care for Patients with Diabetes Mellitus" (with S. Weitzman, L. Naggan, and L. Neumann), 3 years, \$120,000.
- 1981 National Center for Health Services Research, "Cost-Effectiveness Analysis of Dental X-rays" (with M. Shwartz), 3 years, \$200,000.
- 1978 Ford Foundation Grant through the Israel Foundation Trustees, "Economic and Policy Analysis of Preventing Retarded Newborns in Israel," One year, \$10,000.