

Name: Shai Linn

Date: 15 June 2015

Curriculum Vitae and List of Publications

I. CURRICULUM VITAE

1. PERSONAL DETAILS

Name: Shai Linn

Place and Date of Birth: Afula, 26 February 1947

Marital Status: Married, three children

Citizenship and Identity Card Number: Israel, 009474883

Permanent Address: 7B Rimonim Street, Tivon Israel 36042

Home Telephone Number: 972-4-9835713

Offices Addresses and Phone:

- Faculty of Social Welfare and Health Sciences, Haifa University, Haifa, Israel. Tel: 972-4-8249950

Electronic Addresses: [slinn@univ.haifa.ac.il](mailto:slinn@univ.haifa.ac.il); [linn@tx.technion.ac.il](mailto:linn@tx.technion.ac.il);  
[slinn@rambam.health.gov.il](mailto:slinn@rambam.health.gov.il)

Fax Number: 972-4-8249956

Army service: 1965-1968; Reserve service: 1968-2000. Last rank: Lieutenant Colonel, medical battalion commander

## 2. HIGHER EDUCATION

<b>Dates</b>	<b>Degree</b>	<b>Institution</b>	<b>Date on which degree was granted</b>
1981	Dr.PH	Harvard University, School of Public Health, Boston MA, USA	1981
1978-79	M.P.H.	Harvard University, School of Public Health, Boston MA, USA	1979
1976	M.D.	Hebrew University, Jerusalem, Israel.	1976

### 2.1 Professional (Medical) Licenses:

<b>Dates</b>	<b>License</b>	<b>Institution/place</b>	<b>Date on which degree was granted</b>
1987	Israeli Board Certificate in Health Administration	Jerusalem, Israel	1989
1986	Fellow of the American College of Epidemiology	Washington DC, USA	1986
1979-81	American Board Eligible in Preventive Medicine	Department of Epidemiology, School of Public Health, Harvard University, Boston MA, USA	1981
1978-82	Israeli Board Certificate in Public Health	Residency, Rambam Medical Center, Haifa, Israel	1983
1976	E.C.F.M.G. Certificate	ECFMG, USA	1976
1975-76	Israeli License to Practice Medicine	Internship, Rambam Medical Center, Haifa, Israel	1976

### 3.1 ACADEMIC RANKS AND TENURE IN INSTITUTES OF HIGHER EDUCATION IN ISRAEL

<b>Dates</b>	<b>Names of institution and department</b>	<b>Rank</b>
June 2004	Faculty of Welfare and Health Studies, Haifa University	Professor with tenure
January 1997- 2004	Faculty of Medicine, Technion, Israel	Associate Professor
1991-94	Faculty of Medicine, Technion, Israel	Senior Lecturer

### 3.2 ACADEMIC RANKS AND TENURE IN INSTITUTES OF HIGHER EDUCATION (INTERNATIONAL)

<b>Dates</b>	<b>Names of institution and department</b>	<b>Rank</b>
1990-92, 1994-99 (July- August)	Department of Health Care and Epidemiology, University of British Columbia, Vancouver, Canada	Visiting Professor (MacArthur Foundation award)
1990-92	Department of Sociology, University of Maryland, College park, Maryland, USA	Fellow (MacArthur Foundation award)
1990-92	MacArthur Foundation- Social Research Council, New York , USA	Fellow
1989-90	Department of Epidemiology, School of Public Health, University of North Carolina, Chapel Hill NC, USA	Adjunct Associate Professor in Epidemiology
1985-87	Heart Lung and Blood Institute, National Institutes of Health, Bethesda MD, USA	Visiting Scientist
1979-81	Harvard Medical School and Brigham and Women's Hospital, Boston MA, USA	Research Fellow

#### 4. OFFICES IN UNIVERSITY ACADEMIC ADMINISTRATION

<b>Year</b>	<b>Position</b>	<b>Institution</b>
2010-	Founder and Member	Steering Committees, Green University, Health Promoting University, University of Haifa, Israel
2010-	Dean	Faculty of Social Welfare and Health Sciences, University of Haifa, Israel
2010-	Deputy Director	UNESCO International Chair and the Center for Health, Law and Bioethics
2009-	Member	Steering Committee, UNESCO International Committee of Bioethics
2009-	Member	Steering Committee, Green Roofs Academic Center, University of Haifa, Israel
2007-	Member	Board of Directors International Center for Health Law and Bioethics, University of Haifa
2006-	Member (Senate delegate)	University of Haifa Board of Governors
2004-2007	Member	University council on graduate studies, University of Haifa
2004-	Member	University of Haifa Senate
1987-1989	Member (Public delegate)	University of Haifa Board of Governors
2003-2007	Chairperson	School of Public Health, Faculty of Social Welfare and Health Studies, Haifa University, Haifa, Israel
2002-2003	Acting Chairperson	School of Public Health, Faculty of Social Welfare and Health Studies, Haifa University, Haifa, Israel
2002-2003	Chairperson	Unit of Epidemiology Faculty of Medicine, Technion, Israel
<b>Year</b>	<b>Position</b>	<b>Institution</b>
2002-2005	Editor in Chief	Internet Journal of Epidemiology
2001-2004	Technion Academic Representative	IUCEL – Inter University Center for e Learning (MEITAL)

<b>Year</b>	<b>Position</b>	<b>Institution</b>
2001-2004	Technion Academic Representative, National GRID	IUCC (Inter-University Computation Center)
2001-2004	Member, Senate Steering Committee on Computer Systems and Distance Learning	Technion, Israel
2000-	Founding member of the Board	Israel Society for the Promotion of Education & Research in Medicine
2000-2004	Faculty representative, Faculty of Computer Sciences, Technion, Israel	Faculty of Medicine, Technion, Israel
2000-2004	Assistant to the Deputy Senior Vice President for e-learning	Technion, Israel
1999-2000	Assistant to the Vice Provost for Academic Infrastructure	Technion, Israel
1999-2002	Coordinator Committee for Internet-based Teaching and Distance Education	Technion, Israel
1999-2004	Member, Advisory Committee on Distance Learning	Technion, Israel
1999-2000	Member, Advisory Board, Galil Center for Tele-Medicine	Technion, Israel
1997-2004	Member, National Institute of Transportation	Technion, Israel
1997-2004	Faculty representative, Steering Committee on Computer Systems	Faculty of Medicine, Technion, Israel
1996	Co-Founder and Co-	Forum of Health Informatics, Faculty of

<b>Year</b>	<b>Position</b>	<b>Institution</b>
	Chairperson	Medicine, Technion, Israel
1994-96	Member, Environmental Forum	Technion, Israel
1994-99	Head, Library Committee	Faculty of Medicine, Technion, Israel
1993-96	Founder and Chairperson	Unit of Epidemiology Faculty of Medicine, Technion, Israel
1992-93	Member, Research Committee	Faculty of Medicine, Technion, Israel

## 5. SCHOLARY POSITIONS AND ACTIVITIES OUTSIDE THE UNIVERSITY

### 5.1 INTERNATIONAL PROFESSIONAL APPOINTMENTS

<b>Year</b>	<b>Position</b>	<b>Institution</b>
2015	Israel representative COST Action <u>IS1408</u> , <i>Industrially Contaminated Sites and Health Network (ICSHNet)</i>	European Union
2014	Member	International Forum of Teachers (IFT) of the UNESCO Chair in Bioethics
1999	Consultant in health promotion	Canadian HIV Trials Network and BC Centre for Excellence in HIV/AIDS
1998-2000	Member, Education Committee	International Society for Clinical Biostatistics
1996	Member, International Scientific Committee, XI International Conference on AIDS	Vancouver, BC, Canada
1996-97	Consultant in Health Education and Health Promotion	World Bank for “Health Promotion and Primary Prevention” in Hungary
1990-	International Advisor	Harvard University, Boston MA, USA
1987-88	Consultant, Collaborative Studies Coordinating Center, Department of Biostatistics	School of Public Health, University of North Carolina, Chapel Hill NC, USA

<b>Year</b>	<b>Position</b>	<b>Institution</b>
1986-89	Consultant Epidemiologist, Second National Health and Examination Survey	National Center for Health Statistics (NCHS), USA
1986	Consultant in Public Education	National Cholesterol Education Program, National Institutes of Health (NIH), Bethesda MD, USA
1985	Associate and Consultant Epidemiologist	Consultants in Epidemiology and Occupational Health (CEOH), Washington DC, USA
1980	Contributing Editor, Episource (1 <sup>st</sup> Edition)	The Epidemiology Monitor, Atlanta, GA 1980
1980	Consultant Epidemiologist	Harvard - Brigham Medical Group, Boston, MA, USA

## 5.2 PROFESSIONAL APPOINTMENTS IN ISRAEL

<b>Year</b>	<b>Position</b>	<b>Institution</b>
2013	Scientific Advisor	German Israel Fund (GIF)
2010-	Member, Academic Appointment Committee	Kinneret College
2007-	Member, Public Board	Kinneret College
2007-	Member, Academic Committee	Kinneret College
2001	Member, Committee for Clinical Medicine	Science Foundation, Israel Academy of Sciences and Humanities
2000	Member, Committee for Certification of the Israel Center for Disease Control	Scientific Council, Israel Medical Association
1999- 2000	Consultant Epidemiologist	Strauss Industries, Israel
1999-	Co-Founder and Board Member, Israel Society for the Promotion of Education & Research in Medicine	Scientific Council, Israel Medical Association
1999	Member, Steering Committee on Mammography	Ministry of Health, Israel
1997- 2001	Member, Committee on Imaging Technology	Ministry of Health, Israel
1997	Member, Steering Committee on Medical Records	Ministry of Health, Israel
1994, 1998	Member, Committee for Certification of the Department of Public Health and Epidemiology Israel Defense Forces	Scientific Council, Israel Medical Association
1994	Member, Committee for Certification of the Department of Occupational Health, Tel Aviv	Scientific Council, Israel Medical Association
1994	Member, Committee for Certification of the Department of Public Health, Tel Aviv	Scientific Council, Israel Medical Association
1994	Member, Steering Committee on National Surveys.	Ministry of Health, Israel
1994	Member, Steering Committee on Cardiovascular Diseases	Ministry of Health, Israel
1994	Chairman, Committee for Certification of the Mor Medical Institute, University of Tel Aviv	Scientific Council, Israel Medical Association
1994	Chairman, Committee for Certification of the Mor Medical Institute, University of Tel Aviv	Scientific Council, Israel Medical Association

<b>Year</b>	<b>Position</b>	<b>Institution</b>
1994	Chairman, Committee for Certification of the Department of Epidemiology and Community Health, Ben Gurion University and Soroka Medical Center, Beer Sheva	Scientific Council, Israel Medical Association
1994	Chairman, Committee for Certification of the Mor Medical Institute, University of Tel Aviv	Scientific Council, Israel Medical Association
1994	Chairman, Committee for Certification of the Department of Epidemiology and Community Health, Ben Gurion University and Soroka Medical Center, Beer Sheva	Scientific Council, Israel Medical Association
1991-2003	National Scientific Council for Public Health	Israel Medical Association
1990-2002	Member of Scientific Council	Medical Corps, Israel Defense Forces
1988-90	Board of Governors	Haifa University, Israel
1988	Consultant Epidemiologist	Nahariya Hospital, Israel
1987-89	Consultant Epidemiologist	Tel Aviv Hospitals, Israel.
1983-85, 1988-89, 1996-98	Board Member	Israeli Epidemiological Society

### 5.3 HOSPITAL POSITIONS

<b>Year</b>	<b>Position</b>	<b>Institution</b>
1983-2013	Head, Unit of Clinical Epidemiology	Rambam Medical Center, Israel
1982-85	Deputy Medical Director	Rambam Medical Center, Israel

## 5.4 HOSPITAL APPOINTMENTS

<b>Year</b>	<b>Position</b>	<b>Institution</b>
1983-85, 1987-90, 1992-99	Chairperson, Committee for Medical Information and Records	Rambam Medical Center, Israel
1983-85, 1992-99	Member, Mortality and Morbidity Committee	Rambam Medical Center, Israel
1982-83	Head, Committee for Computer Use and Applications	Rambam Medical Center, Israel
1982-84	Chairperson, Committee for Medical Clinics	Rambam Medical Center, Israel

## 6. ACTIVE PARTICIPATION IN SCHOLARLY CONFERENCES

<b>Conference</b>	<b>Place and Date</b>	<b>Title</b>
The fourth Islam and Bioethics International Conference, Coimbra, Portugal	Lisbon, Portugal 2015	Member, Scientific Committee.
A International forum for the reduction of road accidents. The Research Institute of Human Factors in Road Safety	Rishon Lezion, Israel 2006.	Hooliganism on Israeli Roads. A Qualitative and Quantitative Analysis of the Concept (Sikron F, Baron-Epel O, Linn S)
Health and Environment	Tel Aviv University, Tel Aviv, 2005	Public Health Education (Panel)
Cooperative Research on 3D Medical Imaging (IBM-Technion Initiative)	Technion Haifa, Israel 2003	Chairperson: 3-D imaging and medical informatics
2 <sup>nd</sup> International Symposium of the Galil Center for Telemedicine and Medical Informatics.	Technion Haifa, Israel 2002	Co-Chairperson, Medical Informatics
First National Conference of IUCEL – Inter University Center for e Learning (MEITAL)	Technion Haifa, Israel 2002	President’s Address: E—learning in higher education.
20 <sup>th</sup> Annual Conference of the International Society for Biostatistics: Medical Informatics, Clinical Biostatistics and Epidemiology For Efficient Health Care	Heidelberg, Germany 1999	Backward approach for estimating physician-specific diagnostic test characteristics: a unified approach in analytical epidemiology and clinical epidemiology
4 <sup>th</sup> World Conference on Injury Prevention and Control	Amsterdam, Netherlands, 1998	Years of potential productivity lost (YPPL) - a new measure to estimate the human cost of injury

<b>Conference</b>	<b>Place and Date</b>	<b>Title</b>
International Conference on Helmet Promotion, WHO Helmet Initiative	Amsterdam, Netherlands, 1998	Helmet Use in Israel - a call for action
Regional Conference on Epidemiological Research, Israel Society of Epidemiology.	Tel Aviv, Israel 1998	Health of the Circassians – first descriptive study of a unique population
Co-Chairperson: Epidemiology Research in Northern Israel. Regional Conference on Epidemiological Research, Israeli Society of Epidemiology.	Tel Aviv, Israel 1998	Co-Chairperson: Epidemiology Research in Northern Israel
XI International Conference on AIDS	Vancouver, BC, Canada 1996	AIDS-related disability and years of potential productivity lost (YPPL) - a new measure to estimate the human cost of AIDS
The First Mediterranean Congress of Physical Medicine and Rehabilitation	Herzliya, Israel 1996	Disability and years of potential life lost (YPLL)
Public Health Conference on Records and Statistics. Centers for Disease Control and Prevention	Washington DC, USA, 1995	A geometric extension to the Injury Severity Score (ISS): methodology for patients with 4 or more injuries. Invited lecture
Cochran Collaboration	Oxford University Oxford, UK, 1995	Comments on ways to measure disability
First Israeli-Arab Scientific Conference	Paris, France, 1994	Chairperson: Session on Health Care Systems
		Measuring the human cost of war injury: The forgotten disabled who never die
First Annual UBC Summer Institute on Health Promotion Planning and Evaluation	Vancouver, BC, Canada, 1994	Measures of health promotion and injury prevention

<b>Conference</b>	<b>Place and Date</b>	<b>Title</b>
International Society of Political Psychology	Boston MA, USA, 1993	The use of YPLL (years of potential life lost) to measure the impact of wars
MacArthur Foundation – Social Science Research Council Annual Conference	Istanbul, Turkey, 1993	Invited Lecture: Measuring the human cost of war. The relationships between severity of war injury and disability
Regional European Meeting, International Epidemiological Association	Jerusalem, Israel, 1993	Co-Chairperson: WHO Workshop on Epidemiology of Disabilities
Inter-University Seminar on Armed Forces and Society. Chairperson, Roundtable on Peace and Security, Section on Veterans	Baltimore MD,USA, 1991	Correlates of life satisfaction among war casualties. Inter-University Seminar on Armed Forces and Society
Annual meeting, American Sociological Association	Cincinnati OH, USA, 1991	Life satisfaction among war casualties with penetrating head injuries
3 <sup>rd</sup> Annual Meeting of the American College of Epidemiology	Washington DC, USA, 1989	The relationships between high density lipoprotein and alcohol consumption: Is alcohol good for your health?
1 <sup>st</sup> European Congress of Psychology	Amsterdam, Netherlands 1989	Social adjustment, life satisfaction and future orientation of Israeli wounded soldiers with penetrating head injuries from the War in Lebanon

<b>Conference</b>	<b>Place and Date</b>	<b>Title</b>
27 <sup>th</sup> Conference on Cardiovascular Disease Epidemiology, Council on Epidemiology, American Heart Association	Charleston SC, USA, 1987	Distribution of high density lipoprotein cholesterol and selected correlates in national sample of United States adults
American Federation for Clinical Research National Meeting	Washington DC, USA, 1985	The epidemiology of neonatal hyperbilirubinemia

### 7. COLLOQUIUM TALKS AND OTHER INVITED ADDRESSES

<b>Conference/activity</b>	<b>Place and Date</b>	<b>Title</b>
French-Israeli NGI Distance Learning Workshop	Tel Aviv, Israel, November 2000	Internet 2 tele-education of prenatal ultrasound diagnostics
Cisco Connected Care Conference	Dallas, TX, USA, April 2000	Tele-teaching Clinical Epidemiology and WHO Supercourse (with Prof. Ron LaPorte, University of Pennsylvania, Director, Supercourse)
Cisco Wired Classroom Conference	San Diego, CA, USA February 2000	Tele-teaching in medicine. Invited Lecture
Clinical Rounds, St. Paul's Hospital	Vancouver, BC, March 1999	The epidemiology of hepatitis C – a global epidemic. Invited Lecture
First Technion Environmental Forum Conference	Haifa, Israel, June 1995	Surface ultra-violet radiation levels in Israel and their biomedical effects

<b>Conference/activity</b>	<b>Place and Date</b>	<b>Title</b>
Seminars in Cardiovascular Epidemiology, Epidemiology Department	Chapel Hill, NC, USA, June 1987	Distribution of HDL-C and total cholesterol/HDL-C ratio in U.S. population
Health care needs and public health in Israel. Annual Meeting, Association for Mental Health Affiliation with Israel	Washington DC, USA, September 1986	Health care needs and public health in Israel
Channing Laboratory Seminars, Harvard Medical School	Boston MA, USA, June 1981	Coffee consumption during pregnancy
Cisco Wired Classroom Conference	San Diego, CA, USA February 2000	Tele-teaching in medicine. Invited Lecture
Clinical Rounds, St. Paul's Hospital	Vancouver, BC, March 1999	The epidemiology of hepatitis C – a global epidemic. Invited Lecture
First Technion Environmental Forum Conference	Haifa, Israel, June 1995	Surface ultra-violet radiation levels in Israel and their biomedical effects
Seminars in Cardiovascular Epidemiology, Epidemiology Department	Chapel Hill, NC, USA, June 1987	Distribution of HDL-C and total cholesterol/HDL-C ratio in U.S. population
Health care needs and public health in Israel. Annual Meeting, Association for Mental Health Affiliation with Israel	Washington DC, USA, September 1986	Health care needs and public health in Israel
Channing Laboratory Seminars, Harvard Medical School	Boston MA, USA, June 1981	Coffee consumption during pregnancy

8. SCHOLARSHIPS, AWARDS, RESEARCH GRANTS, ETC.

<b>Year</b>	<b>Granting Organization and Topic</b>	<b>Amount</b>
2014-	Igud Arim Haifa: Epidemiologic Monitoring of Air Pollution and Health in Haifa Bay Area.	3200000 NIS
2010-2012	Kinneret College: Epidemiological Research	320000 NIS
2008-	Environmental Health Fund, Israel: Air Pollution and Risk of congenital anomalies (birth defects) in Israel	110000 NIS
2006-2007	The Israel National Institute for Health Policy Research (NIHP): Complaints in the public health-care system: Behavior patterns, knowledge, and correlates in the elderly, new immigrants and people with disabilities (Research 4106). Co-PI (PI: Dr. I. Doron, Dr. I. Gal, U. of Haifa)	91400 NIS
2006-2008	Israeli Science Foundation (ISF): The effect of leadership and organizational climate in hospital units on staff performance and patient recovery. Co-PI (PI: Dr. D Yagil, Dr. G. Luria, U. of Haifa)	180000 NIS
2006-2007	Adaptation of an eHealth web-based intervention for youth smoking prevention and cessation in the Middle East. <a href="http://www.ehealthinnovation.org/node/41">http://www.ehealthinnovation.org/node/41</a>  PI: Harvey Skinner, U of Toronto. Co-PI: Abdeen, Z, Carmi, R, Chalin C, el Nasser Z/Eysenbach G, Jadad A, Koo M, Linn S, Noyek A, Roth Y, Shidfar R, Siassi A.	94,120 CAD
2006-2008	Assessing population chronic exposure to air pollution at the urban sub-scale and its potential relationship to morbidity in the Haifa Bay Area (Co-PI, with Dr. D. Broday, Technion)	180000 NIS
2002	IBM University Relation Equipment Grant. "Medical 3D Imaging and informatics" (Co-PI at Faculty of Computer Sciences and Faculty of Mechanical Engineering).	\$130,000
2002	Galil Center for Telemedicine. "National telemedicine consultation to detect fetal malformations by prenatal ultrasound" (with Prof. E. Zimmer, Dr. M. Bronshtein, Prof. A. Bruckstein, Prof. R. Kimmel, Prof. E. Rivlin)	\$20,000



<b>Year</b>	<b>Granting Organization</b>	<b>Amount</b>
2002	Middle East Cancer Consortium (MECC): “Investigation of human herpes virus-8 (HHV-8) transmission routes among Kaposi’s sarcoma patients and their families”. (with Prof. M. Zilberman, Dr. E. Gutman, Dr. R. Sarid)	\$15,000
2002	Israeli National Institute for Health Policy and Health Services Research (NIHP): “Becoming a revolving door patient. Changes over time in patterns and determinants of repeated admissions to inpatient psychiatric services”. (With Prof. E. Klein, Dr. Y. Caspi, Dr. D. Nahon)	\$60,000
2000-2001	Vatat – Israel Committee for Academic Budget and Control: Distance learning modules of epidemiology courses (part of 1999 general Technion grant, above)	\$10,000
1999	Israel Ministry of Health: “Sensitivity and specificity of clinical detection of malignant melanoma”. Co-principal investigator: Y. Har-Shai	\$4,000
1999	Israel Ministry of Health: “Sensitivity and specificity of pre-natal sonography”. Co-principal investigators: E. Zimmer, M. Bronstein	\$8,500
1999	Vatat – Israel Committee for Academic Budget and Control: Distance learning modules of courses at the Technion (PI for Technion proposal)	\$1,000,000
1999	Israel Ministry of Health: “Health of the Circassians- first study of a unique population”	\$8,500
1999-2000	Strategic Funds of the Ministry of Science: “Developing web-based teaching and real-time consultation program for prenatal sonographic examinations”. Co-PI: E. Zimmer	\$60,000
1998	Grant from the Centre for British Columbia Excellence in HIV/AIDS for “The epidemiology of hepatitis C – state of the art”	\$14,000
1996-1997	Committee for Research & Prevention in Occupational Safety and Health for “Epidemiology of adverse incidents to health care workers”	\$50,000

<b>Year</b>	<b>Granting Organization</b>	<b>Amount</b>
1995	Chutick Foundation for "Long term effects of head injuries"	\$50,000
1995	Israel Electric Company for "Adequacy and quality of occupational health care services, preventive medicine and health promotion services for workers"	\$22,500
1995	Israel Ministry of Sciences for "The human cost of hospitalization of children with cancer". Co-Principal Investigator: M. Weyl Ben Arush	\$10,000
1995	Israel Ministry of Health for "Antioxidant defenses after myocardial infarct". Co-Principal Investigator: I. Levi, H. Hammerman	\$2,000
1994	Israeli Ministry of Health for "Epidemiology of Kaposi's Sarcoma". Co-PI Investigator: R. Friedman	\$2,600
1991	Israel Ministry of Labor for "Epidemiology of patient falls"	\$26,500
1991-1993	Israel Rehabilitation Office for "Evaluation of medical diagnoses and treatment in aeromedical evacuation". Co-PI: N. Knoller, U. Dreifus	\$45,500
1990-1991	MacArthur Foundation (Chicago) and Social Science Research Council (NY, USA): "Research on the human cost of war injuries"	\$82,000
1989	Ciba Foundation for "International epidemiological studies in rehabilitation"	\$7,000
1988-1989, 1994-1995	Israel Ministry of Defense for "The development and assessment of Injury Severity Score"	\$40,000
1987	Yad Susan Fund, USA, for "Epidemiological investigations and research"	\$115,000
1979-81	Harvard University Scholarship for Epidemiological Studies	\$18,000
1979	H. Peterson Foundation, New York, for "The development of epidemiological methods in Obstetric epidemiology"	\$15,000
1978-80	American Physicians Fellowship	\$6,000
1978	WHO International Fellowship	\$12,000

## 9. TEACHING

### 9.1. COURSES TAUGHT IN RECENT YEARS (leader or participant):

<b>Topic</b>	<b>Institution</b>	<b>Year</b>	<b>Type</b>	<b>Level</b>
Clinical Epidemiology	University of Haifa	2004-	Lectures	Graduate
Advanced epidemiology and software use	University of Haifa	2004-	Lectures	Graduate
Thesis seminar	University of Haifa	2004-	Lectures	Graduate
Data analyses with SPSS, PEPI	University of Haifa	2004-	Lectures	Graduate
Clinical Epidemiology I, II, III	WHO International Web-based course <a href="http://www.pitt.edu/~super1/lecture/lec1051/index.htm">http://www.pitt.edu/~super1/lecture/lec1051/index.htm</a>	1998-	Lectures, e-course	Graduate and post-graduate
Medical Informatics for Residents	Rambam Medical Center	1995-1999	Lectures	Post-graduate
Computer Applications in Medical Research (278450)	Faculty of Medicine, Technion, Israel	1995-1999	Lectures	Graduate
Medical Computing (247121)	Faculty of Medicine, Technion, Israel <a href="http://www.technion.ac.il/~mdcourse/274121/engver/index.html">http://www.technion.ac.il/~mdcourse/274121/engver/index.html</a>	1995-1999	Lectures	Undergraduate
Public Health and the Israeli Medical System (275210)	Faculty of Medicine, Technion, Israel	1995	Lectures	Undergraduate

<b>Topic</b>	<b>Institution</b>	<b>Year</b>	<b>Type</b>	<b>Level</b>
Health promotion and injury prevention	First Annual UBC Summer Institute on Health Promotion Planning and Evaluation, Vancouver, Canada	1994	Lectures	Undergraduate
Epidemiological Methodology (277010)	Faculty of Medicine, Technion, Israel	1992-1995	Lectures	Graduate
Epidemiology (277840)	Faculty of Medicine, Technion, Israel	1992-	Lectures	Graduate
Epidemiology (274318)	Faculty of Medicine, Technion, Israel	1992-	Lectures	Undergraduate

## 9.2 SUPERVISION OF GRADUATE STUDENTS IN RECENT YEARS:

### 9.2.1 SUPERVISION OF GRADUATE STUDENTS IN RECENT YEARS: PhD, D.Sc

<b>Student's name</b>	<b>Thesis Title</b>	<b>Degree</b>	<b>Graduation Date</b>
Orly Talmor (with Peretz C, Gurevich T, El-Ad B, Silverman B, Friedman N, Giladi N.)	The prevalence of Parkinson's disease and Diabetes	PhD	2008-
Iris Azmon (with Prof. Portnov B, Prof. Richter E)	Cancer in Isfia	PhD	2008-
Galia Golan (with Prof. Rimmerman A, Prof. Lazer Y)	The prevalence of obesity among persons with Down's Syndrome	PhD	2012
Keren Agay-Shay (with Friger M, Peled A, Amitai Y, Peretz C)	The prevalence of malformations and air pollution	PhD	2012
Jumanah Essa (with Prof. Refaeli S)	Applicability and Effectiveness of a Computer-Based Health Program as a Tool to Collect Data and Improve the Health Knowledge, Attitudes, and Practices of Arab College/University Students in Northern Israel	PhD	2012
Naomi Vin-Raviv (with Dr. Keinan-Boker, Prof. Barchana M.)	Cancer incidence in holocaust survivors and starvation during WW II	PhD	2011
Fabienne Sikron (with Prof. Bar-on Eppel)	Psychological and behavioural characteristics of drivers who cause motor vehicle accidents	PhD	2006

<b>Student's name</b>	<b>Thesis Title</b>	<b>Degree</b>	<b>Graduation Date</b>
Kerem Shuval	Evaluation of physician's used of Evidence Based Medicine information	PhD	2006
Yael Moshe (With Prof. Zimmer E, Dr. Bornestein M)	Validity of ultrasound examinations in different stages of gestation in women in whom no major malformation was detected. The detection of malformations by pre-natal sonography	D.Sc	2002
Yafa Haron	Health characteristics of Circassians in Israel : Mortality, hospitalizations, chronic illness and risk factors of cardiovascular disease	D.Sc	2000
Nava Israel	Physical activity, nutrition and health in able-bodied and disabled sportsmen: A cross-sectional and follow-up study of health knowledge, attitude and behavior among disabled basketball players of the Israeli national League	D.Sc	1999
Ruth Levy	The human cost of home care vs hospitalization of children with cancer	D.Sc	1997

## 9.2.2 SUPERVISION OF GRADUATE STUDENTS: MPH, M.SC.

<b>Student's name</b>	<b>Thesis Title</b>	<b>Degree</b>	<b>Graduation Date</b>
Anat Klein-Kremer (with prof. Barchana M)	Cancer incidence among physicians in Israel	MHA	2014
Anat Katalan (with Prof. Ore L)	Knowledge, attitude and practice of health care workers on breast cancer prevention	MPH	2010
Amir Lazimi (with Prof. Paz S, Prof. Portnov B)	Non-Hodgkin Lymphoma (NHL) linkage with residence near heavy roads	M.Sc	2010
Merimson Nava Nadejda (With Dr. Strulov AWolovelsky, Alejandro)	Comparison of the effectiveness between three conservative interventions: ultrasound, yoga exercise group and combined therapy for treating the carpal tunnel syndrome:clinical trial	MPH	2009
Abed El Mohati Mahamoud	Factors associated with delay from symptom onset to hospital arrival and to reperfusion therapy in patients with acute myocardial infarction and the correlation between arrival times to outcomes	MPH	2009
Sharon Mor (with Dr. Keren Or-Chen)	The Correlation Between Understanding The Existence Of Service Procedures Among Pediatric Occupational Therapists in The Public and Private Services and Between Satisfaction with Service Quality Among The Clients' Parents.	MPH	2009
Naomi Vin-Raviv (with Barchana M, Keinan-Boker L)	World War II-related post-traumatic stress disorder and breast cancer risk among Israeli women: a case-control study	MPH	2009
Lilia Rosenfeld (with Prof. S. Eidelman)	Understanding medical instructions and outcome	MPH	2009
Adi Hersalis Eldar	B cell non Hodgkin's lymphoma in children and adolescents : retrospective study in Israel between the years 2000-2005	M.Sc	2008
Abu Yones Kawther (with Dr. Strulov A.)	Prevalence of overweight and obesity among Arab secondary school adolescents' students age 16 in Sakhnen and Araby village and association of nutrition habits, health behavior, and lifestyle	MPH	2008
Yulie Feldman-Idov (with Prof. Ore L, Prof. Melamed Y)	Prognostic factors predicting ischemic wound healing following hyperbaric oxygenation therapy	MPH	2008
Ilana Altman-Doron (with Klin A)	Drugs advertising in the Israeli daily press	MPH	2007

<b>Student's name</b>	<b>Thesis Title</b>	<b>Degree</b>	<b>Graduation Date</b>
Hila Tamir-Cohen (with Prof. Zimmer E)	Possible factors related to the intensity of pain and analgetic consumption following Cesarean section	M.Sc	2007
Haim Rothbart (with Dr. Strulov H, Dr. Abadi Y)	Patients' level of knowledge about Pap smear's preliminary required conditions as a screening test and their social demographic characteristics among Israeli Jewish women	MPH	2006
Idilbi, Nasra (with Prof. E. Bergman, Prof. M. Zilberman, Dr. R. Sarid)	Evaluation of ergonomic conditions of video display terminals (VDTs) workers in The Western Galilee hospital	MPH	2006
Carmit Shmuel	The effect of passive smoking on lung function in school children living near Hadera power station	MPH	2005
Guttman Emma (with Prof. Silberman M, Prof. Frienman R, Prof. Bar-Chana M))	The epidemiology of classic Kaposi's sarcoma	M.Sc	2003
Yael Moshe (with Prof. Spitzer A)	Surveillance of health care workers exposed to blood: Attitude, knowledge and health behavior.	M.Sc	1996
Ruth Levi (with Prof. Ben Arush MW)	The burden of hospitalization in childhood cancer. The epidemiology of length of stay in hospital of children with cancer	M.Sc	1995
Bracha Landau	Knowledge and attitude of physicians in Northern Israel toward high cholesterol and the prevention of coronary heart disease	M.Sc	1990

**9.3 SUPERVISION OF RESIDENTS IN BASIC SCIENCES MONTHS  
RESEARCH PERIOD)**

<b>Student's name (all MD)</b>	<b>Thesis Title</b>	<b>Date</b>
T. Vortman	Sensitivity, specificity and positive predictive value of PAP test to detect cervical cancer	2001
M. Levi	Occupational hazards of exposure to blood and body fluids	2000
A. Rougin	Data analyses in cardiology	1998
I. Ramon	Burn injuries in the War in Lebanon 1982-85	1989
N. Knoller	Evaluation of medical diagnoses in aeromedical evacuation of soldiers and civilians	1989
S. Karkabi (with Prof. D. Reis, Dr. S. Ish-Shalom)	Survey of a new syndrome – Familial Pycnodysostosis- in Arab families	1989
D. Ros	The epidemiology and prognosis after anesthesia for war injuries in the Peace for Galilee Operation	1989
L. Levi	The epidemiology of head injuries in Northern Israel	1986
H. Geva	The epidemiology of war injuries in the Peace for Galilee Operation	1985

**9.4 BIOSTATISTICAL SUPERVISION OF GRADUATE MEDICAL STUDENTS IN MD THESIS**

<b>Student's name</b>	<b>Thesis Title</b>	<b>Graduation Date</b>
Adi Hersalis Eldar (with Prof. Ben Arush MW)	B cell non-Hodgkin's lymphoma in children and adolescents : retrospective study in Israel between the years 2000-2005	2008
Shirit Gushzini-Bibi (With Prof. Ben-Arush MW)	Plasma vascular endothelial growth factor (VEGF), matrix metalloproteinase 2 (MMP 2) and matrix metalloproteinase 9 (MMP9) as measures of response in children with malignancy (MMP 9)	2008
A. Guldin (with Prof. Golz A)	The incidence of permanent perforation of the tympanic membrane and cholesteatoma following ventilation tube insertion	1999
Rotem Feldman (with Prof. Ben Arush MW, Dr. Elhasid R)	Childhood leukemia in the Northern part of Israel	2000
Noam Hai (with Prof. Har-Shai Y)	Accuracy of pre-surgical diagnosis of excised skin tumors	1999
Y. Berger (with Dr. Biran I)	Trauma to the eye	1998
G. Barzilai (with Dr. Moscona R)	Reconstruction of breast	1998
Sharon Simchoni (with Prof. S. Eidelman)	The epidemiology of bowel disturbances	1996
Ronen Lang (with Prof. Klein E)	Anxiety disorder among patients in general emergency service in Israel	1995
Ilana Wiessmann (with Prof. R. Friedman)	The epidemiology of Kaposi's Sarcoma	1995
Israel Tchaban (with Prof. Reisner S, Prof. Rougin A)	Morphologic patterns in patients with hypertrophic cardiomyopathy	1997
Suliman Abdallah (with Prof. Bursztein S, Prof. Zinger P)	Survival of patients over 70 years after intensive care unit hospitalization	1992
Ilana Colins (with Dr. P. Vardi, Dr. A. Rosental)	The prevalence of antigluten antibody in diabetic patients. Their clinical importance and correlation to islet cell antibodies	1991

<b>Student's name</b>	<b>Thesis Title</b>	<b>Graduation Date</b>
Aviva Bloom (with Dr. M. Yafe)	The clinical profile of idiopathic failure to thrive	1991
Jaknon John (with Prof. Zimmer E, Prof. Blazer S)	Morbidity and mortality in premature infants born between 27-36 weeks of gestation to mothers with pre-eclampsia and chronic hypertension	1991
Fani Bar-Levy (with Prof. S. Eidelman)	A survey of hereditary and environmental factors in a defined population of patients with Crohn's disease and correlation of these factors with clinical features of the disease	1990
Amnon Amit (with Prof. J.D. Birkhan)	General versus regional anesthesia: A survey of operating team personnel preference in Israel	1989
Lea Sela (with Prof. Ish-Shalom Z)	Adrenocortical function in thyrotoxicosis	1989
Dov Tiasano (with Prof. Pollack S., Prof. Etzioni A)	Clinical, epidemiological, virological and immunological aspects in people seeking HIV screening, Rambam Medical Center, 1985-1987	1989
Neil Steven Antman (with Prof. Reis ND, Prof. Israel O)	An evaluation of cementless RM-isoelastic total hip arthroplasty by clinical, radiographic and scintigraphic parameters	1989
Bar Haim (with Prof. Levi N)	Non-organic gastrointestinal symptoms among Holocaust survivors - an epidemiologic study	1988
Michael Paul Wajnrajch (with Prof. Hashmonai M, Prof. Hoffman A)	The effect of drains on wound complications in breast biopsies	1988
Yoav Shorer (with Dr. Carter A)	Clinical and epidemiological characteristics of Waldenstrom Macroglobulinemia in Israel	1986
Sami Nitetzky (with Prof. Cohen Y, Dr. M. Steiner)	Carcinoma of the prostate - the northern Israel oncology experience in 1977-1982	1986
Ilana Polzek (with Prof. Cohen Y, Dr. Kedar A)	Pediatric cancer in northern Israel, the Northern Israel Oncology Center Experience during the years 1971-80	1985

<b>Student's name</b>	<b>Thesis Title</b>	<b>Graduation Date</b>
Sharir Tali (with Prof. Epstein L)	Measles in young adults	1985
Orit Zur (with Prof. Mertzbach D, Dr. Kinan A, Dr. Tal I)	Epidemiology of bacterial meningitis in Izrael Valley in 1977-1983	1985
Nahum Friedberg (with Prof. Cohen Y, Dr. Milstein D)	Prognostic factors in lung cancer in patients treated at the Oncology Center at Rambam Medical Center 1980-1981	1984
Ishai Lachter, (with Prof. Peretz DA)	A review of macrosurgical and microsurgical procedures used in the treatment of tuboperitoneal infertility at Rambam Medical Center	1984

### MISCELLANEOUS

Medical Doctor

Master of Public Health

Doctor of Public Health

Medical License: Physician- General Practitioner

Medical Specialty Licenses: Public health, Health Administration

Fellow of the American College of Epidemiology

Board Eligible, General Preventive Medicine, USA

Educational Commission for Foreign Medical Graduates (ECFMG).

## II. PUBLICATIONS

### A. Ph.D. DISSERTATION

M.D. Thesis: Alpha biofeedback in epileptics. Hebrew University, Jerusalem 1976. (Supervisor: Prof. B. Bental). (Hebrew, 156 pages)

Dr. PH Thesis in Epidemiology, Biostatistics and Health Information Systems: The relationship between selected exposures and outcomes of pregnancy. Harvard School of Public Health , Boston 1981. (Supervisors: Prof. B. MacMahoun, Prof. R. Monson., Prof. S. Schoenbaum). (English, 124 pages)

### C. ARTICLES IN REFEREED JOURNALS

- Authors' names in the order of the original publication. My name appears first or last when I was regarded as head of the team.
- The following publications are based on theses of students and physicians in basic sciences with my supervision: 22,28,29-30, 32,40,41 (Levi L); 23,25 (Geva H); 50 (Karkabi S); 53 (Lang L); 59 (Knoller N); 60,67,70 (Roguin A); 68 (Solt L) ; 69, 73, 77 (El Hassid R); 74 (Koch D); 75, 84 (Weissmann E); 80 (Hai N); 86, 90, 99 (Haron Y); 88, 92, 98 (Guttman E);102 (Shema L); 103-105, 116 (Shuval K); 107 Sikron F ); 109 (Lazimi A); 110, 113, 121, 129,134, 143 (Vin-Raviv N); 125 (Atzmon I); 126 (Feldman Y) ; 118, 123 (Rabinowicz R); 124,130, 133, 134, 138 (Agay-Shay K); 120, 127, 135,138 (Chillag-Talmor O); 140 (Almog L);142 (Klein-Kremer A). The student would be the first author with my name second, or last or according to contribution.

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1. Pollack S, Linn S, Einat R, Mertzbach D, Barzilai D. Acute renal failure and hypocomplementemia, associated with salmonella typhimurium infection. *Harefuah* 1979;96:21-23 (Hebrew).
2. Linn S, Schoenbaum SC, Monson RR, Rosner B, Stubblefield PG, Ryan KJ. No association between coffee consumption and adverse outcomes of pregnancy. *New England Journal of Medicine* 1982;306:141-145.
3. Linn S, Schoenbaum SC, Monson RR, Rosner B, Stubblefield PG, Ryan KJ. Delay in conception for former pill users. *Journal of the American Medical Association* 1982;247:629-632.

4. Linn S, Schoenbaum SC, Monson RR, Rosner B, Stubblefield PG, Ryan KJ. The relationship between induced abortion and outcome of pregnancy. *American Journal of Obstetrics and Gynecology* 1983;146:136-140.
5. Linn S, Schoenbaum SC, Monson RR, Rosner B, Stubblefield PG, Ryan KJ. The association between marijuana use with outcome of pregnancy. *American Journal of Public Health* 1983;73: 1161-1164.
6. Marbury MC, Linn S, Schoenbaum SC, Monson RR, Stubblefield PG, Ryan KJ. The association of alcohol consumption with late outcomes of pregnancy. *American Journal of Public Health* 1983;73:1165-1168.
7. Linn S, Schoenbaum SC, Monson RR, Rosner B, Stubblefield PG, Ryan KJ. No association between contraceptive usage and congenital malformations. *American Journal of Obstetrics and Gynecology* 1983;147:923-928.
8. Needleman HC, Rabinowitz M, Leviton A, Linn S, Schoenbaum SC. The relationship between prenatal exposure to lead and congenital anomalies. *Journal of the American Medical Association* 1984;251:2956-2959.
9. Marbury MC, Linn S, Wegman DH, Monson RR, Schoenbaum SC, Stubblefield PG, Ryan KJ. Work and Pregnancy. *Journal of Occupational Medicine*. 1984;26:415-421.
10. Aviram M, Linn S, Brook JG. Soya lecithin inhibits platelet function and reduces blood lipid levels. *Harefuah* 1984;5:122-123 (Hebrew).
11. Leibovici L, Yahav J, Mates A, Linn S, Danon YL. Causes of diarrheal diseases in soldiers positioned in Lebanon. *Israel Journal of Medical Sciences* 1984;20:364-365.
12. Linn S, Schoenbaum SC, Monson RR, Rosner B, Stubblefield PG, Ryan KJ. The epidemiology of neonatal hyperbilirubinemia. *Pediatrics* 1985;75:770-774.
13. Yahav J, Avigad S, Frand M, Shem-Tov A, Barzilai Z, Linn S, Jonas A. Assessment of intestinal and cardiorespiratory function in children with congenital heart disease on high caloric formulas. *Journal of Pediatric Gastroenterology and Nutrition* 1985;4:778-785.

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15. Brook JG, Linn S, Aviram M. Dietary soya lecithin decreases plasma triglycerides levels and inhibits collagen and ADP induced platelet aggregation. *Biochemical Medicine and Metabolic Biology* 1986;35:31-39.
16. Leibovici L, Yahav A, Linn S, Danon YL. Etiological and clinical characteristics in adults with special reference to shigella gastroenteritis. *Military Medicine* 1986;151:655-659.
17. Holdstein Y, Pratt H, Goldsher M, Rosen G, Shenhav R, Linn S, Mor AM, Barkai A. Auditory brain evoked potentials in asymptomatic lead-exposed siblings. *Journal of Otolaryngology* 1986;100:1031-1036.
18. Front D, Frankel A, Israel O, Aharon Y, Satinger A, Linn S. Ejection fraction response of the left ventricle of the heart to acute cerebrovascular accident in patients with coronary artery disease. *Stroke* 1986;17:613-616.
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22. Levi L, Linn S, Feinsod M, Revach M. Neurotraumatological survey in Northern Israel: annual and seasonal variations. *Neuroepidemiology*, 1989;8:316-321.
23. Geva H, Linn S, Revach M, Michaelson M, Gavish I, Wiener M, Brandes JM. Casualties of the Peace for Galilee Operation. *Harefuah* 1989;117:113-118 (Hebrew).

24. Linn S. Validity and sources of bias: Planning and interpretation of studies by the clinical epidemiologist. *Harefuah* 1989;117:157-160 (Hebrew).
25. Geva H, Michaelson M, Linn S, Gavish I, Weiner E, Shlomo N, Wiener M, Revach M. Rating the severity of war injuries: Applications of injury severity score to war casualties. *Journal of Trauma* (China) 1990;6:298-302.
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34. Linn S. Measures of morbidity and mortality in epidemiological research. *Harefuah* 1991;120:668-70 (Hebrew).
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36. Schapira D, Linn S, Scharf Y. A placebo-controlled evaluation diclofenac diethylamine salt in the treatment of lateral epicondylitis of the elbow. *Current Research* 1991;49:162-168.
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- 48.** Linn S, Linn R, Sheps S, Sarid M, Michelson M, Geva H, Viener M, Brandes JM, Revach M. Injury Severity Scoring and length of stay in hospital of war casualties - demonstration of an association and possible selection bias. *International Journal of Epidemiology* 1993;22:905-910.
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- 50.** Karkabi S, Reiss ND, Linn S, Edelson G, Tzehoval E, Zakut V, Dolev E, Bar-Meir E, Ish-Shalom S. Pycnodysostosis: Imaging and laboratory observation. *Calcified Tissue International* 1993;53:170-173.
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- 57.** Linn S. Sorting variables for each case: A new algorithm to calculate Injury Severity Score (ISS) using SPSS-PC. *Statistics in Medicine* 1996;15:7-9.
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- 59.** Linn S, Knoller N, Giligan CG, Dreifus U. The sky is a limit: Errors in pre-hospital diagnoses by the flight physician. *American Journal of Emergency Medicine* 1997;15:316-320.
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- 61.** Gelfand YA, Linn S, Miller B. The application of the macular photocoagulation study eligibility criteria for laser treatment in age-related macular degeneration. *Ophthalmic Surgery Lasers* 1997;28:823-827.
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- 64.** Linn S, Smith D, Sheps SS. Epidemiology of bicycle injury, head injury and helmet use among children in British Columbia: a five year descriptive study. *Injury Prevention* 1998;4:122-125.
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- 66.** Klein O, Linn S, Embon O, Sazbon A, Zidan J, Kook AI. An approach for high sensitivity detection of prostate cancer by analysis of changes in structuredness of the cytoplasmic matrix of lymphocytes specifically induced by PSA-ACT. *Journal of Urology* 1999;161:1994-1996.
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