

## CURRICULUM VITAE

**DATE:** May 1, 2013  
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### EDUCATION:

1961 – 1965	A.B.	Boston University (Psychology) Boston, Massachusetts
1965 – 1966		University of Miami (Graduate Psychology) Miami, Florida
1966 – 1971	M.D.	Faculte de Medecine, Universite de Montpellier Montpellier, France

### POSTDOCTORAL TRAINING:

#### Internship and Residencies:

1971 – 1972	Intern, Rotating Medicine	St. Michael's Hospital University of Toronto Medical School. Toronto, Canada
1972 – 1974	Resident, Internal Medicine	New England Deaconess Hospital Harvard Medical School Boston, Massachusetts

#### Research Fellowships:

1974 – 1976	Clinical Fellow Cardiology Section	New England Deaconess Hospital Harvard Medical School Boston, Massachusetts
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1975 – 1976	Chief Fellow in Cardiology	New England Deaconess Hospital Harvard Medical School Boston, Massachusetts
1993 – 1994	Level 2 Training in Nuclear Cardiology and Radiation Physics	St. Elizabeth's Hospital Tufts University School of Medicine Boston, Massachusetts

**LICENSURE AND CERTIFICATION:**

1973	Commonwealth of Massachusetts
1975	American Board of Internal Medicine
1979	American Board of Internal Medicine Subspecialty of Cardiovascular Disease
1994	U.S. Nuclear Regulatory Commission Nuclear Isotope Materials License Cardiovascular Clinical Procedures
1999	American Society of Hypertension Certification as Specialist in Clinical Hypertension

**ACADEMIC APPOINTMENTS:**

1971 – 1972	Interne, University of Toronto Medical School
1972 – 1976	Clinical Fellow in Medicine, Harvard Medical School
1976 – 1993	Clinical Instructor in Medicine, Harvard Medical School
1989 – Present	Clinical Instructor in Medicine, Tufts University School of Medicine
1993 – Present	Clinical Assistant Professor in Medicine, Harvard Medical School

**HOSPITAL APPOINTMENTS:**

1976 – Present	Attending	Mount Auburn Hospital, Cambridge, Mass.
1977 – 1979	Attending Attending	Brookline Hospital, Brookline, Mass. Waltham Hospital, Waltham, Mass.
1975 – 1977	ER Attending	Hale Municipal Hospital, Haverhill, Mass
1975 – 1976	ER Attending	Emerson Hospital, Concord, Mass.
1976 – 1990	Attending	Sancta Maria Hospital, Cambridge, Mass.
1976 – Present	Associate  Adjunct Investigator	New England Deaconess Hospital, Boston, Mass.  John Cook Renal Unit, Elliott P. Joslin Research Laboratories, Boston, Mass.

1978 – 2006      Attending      St. Elizabeth's Hospital, Brighton, Mass.

**OTHER PROFESSIONAL POSITIONS AND MAJOR VISITING APPOINTMENTS:**

1991 – Present      Liaison, Diabetes      Institute for Prevention of Cardiovascular Disease

1992 – Present      Consultant      Advanced Metabolic Systems

1993 – 1994      Consultant      Medical and Technical Research Associates

Consultant      AVCO Corp.

Consultant      Harris Laboratories

1997 – Present      Consultant      Boston Collaborative Drug Surveillance Program  
Boston University Medical Center

1998 – 1999      Chief, Clinical  
Research      Mount Auburn Hospital

**MAJOR ADMINISTRATIVE RESPONSIBILITIES:**

1975 – 1977      Associate Director,  
Emergency Room      Hale Municipal Hospital, Haverhill, Mass.

1977 – 1979      Director, Invasive  
Cardiology      Brookline Hospital, Brookline, Mass.

1983 – 1990      Co-Director,  
Cardiology Service      Sancta Maria Hospital, Cambridge, Mass

1983 – 1990      Co-Director,  
Non-Invasive Laboratory      Sancta Maria Hospital, Cambridge, Mass

1983 – 1990      Co-Director,  
Critical Care Unit      Sancta Maria Hospital, Cambridge, Mass.

1989 - Present      Cardiology Consultant      Commonwealth of Massachusetts Public  
Employee Retirement Administration

1991 – Present      Director of Cardiology      The Diagnostic Center, Cambridge, Mass.

1992 – 1997      Cardiologist      The Heart Center of Lexington, Lexington, Mass.

1995 – Present	Cardiology Consultant	Commonwealth of Massachusetts Industrial Accident Board
2009 – Present	Cardiology Consultant	Atlantic Clinical Research

**COMMITTEE ASSIGNMENTS:****Institutional:**

1977 – 1979	Intensive Care Unit Committee, Brookline Hospital	Member
1978 – 1989	Intensive Care Unit Committee, Sancta Maria Hospital	Member
1980 – 1983	Medical Education Committee, Sancta Maria Hospital	Member
1983 – 1985	Clinical Safety Committee, Mount Auburn Hospital	Member
1983 – 1987	Tissue Review Committee, Mount Auburn Hospital	Member
1983 – 1989	Intensive Care Unit Committee, Sancta Maria Hospital	Chairman
1986 – Present	Cardiorenal Study Group, New England Deaconess Hospital	Member
1994 – 2010	Clinical Investigation and Human Studies Committee Mount Auburn Hospital	Member
1996	Academic Promotions Committee, Mount Auburn Hospital	Member
1997 – 2001	Clinical Services Committee, Department of Medicine Mount Auburn Hospital	Member
1998	Research Oversight Committee, Mount Auburn Hospital	Member
2001 - 2010	Clinical Investigation and Human Studies Committee Mount Auburn Hospital (IRB)	Cochairman

**Regional:**

1991 – Present	Waltham-Watertown Branch of the American Heart Association, Massachusetts Affiliate	Cochairman
1991 – Present	Institute for Prevention of Cardiovascular Disease— Diabetes	Liaison

2007 – Present	Committee on Professional Liability Massachusetts Medical Society	Member
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**PROFESSIONAL SOCIETIES:**

1974	New England Cardiovascular Society	Member
	American Heart Association	Member
	Council on Clinical Cardiology Laennec Society	
1976	American Society of Echocardiography	Member
	American College of Cardiology	Associate Fellow
	Massachusetts Medical Society	Fellow
	American College of Angiology (FACA)	Fellow
	International College of Angiology (FICA)	Fellow
1978	American College of Physicians (FACP)	Fellow
	Clinical Dialysis and Transplant Forum	Member
1979	American College of Cardiology (FACC)	Fellow
1980 - Present	American Heart Association	Fellow
	Council on Clinical Cardiology	
1980	Massachusetts Medical Society Speakers Bureau Media Day	
1980 – Present	Massachusetts Medical Society Speakers Bureau	
1997	American Society for Hypertension	Member
1999 – Present	American Heart Association	Member
	Council on High Blood Pressure Research	
2001 – Present	American Heart Association	Fellow
	Council on High Blood Pressure Research	

**EDITORIAL ACTIVITIES****AD HOC MANUSCRIPT REVIEWER:**

Acta Diabetologica  
 Advances in Therapy  
 American College of Physicians Journal Review  
 American Journal of Cardiology  
 American Journal of Kidney Diseases  
 Annals of Internal Medicine  
 Archives of Internal Medicine  
 British Medical Journal- Point of Care  
 Cardiovascular Surgery and Nephrology  
 Circulation  
 Diabetes Care  
 European Heart Journal  
 European Journal of Clinical Investigations  
 International Journal of Nephrology and Renovascular Hypertension  
 Journal of the American College of Cardiology

Journal of General Internal Medicine  
Journal of Vascular Health and Risk Management,  
Medical Instrumentation  
Metabolism

**EDITORIAL BOARDS:**

Journal of the American College of Cardiology  
Cardiovascular Surgery and Nephrology  
International Journal of Nephrology and Renovascular Disease  
Journal of Vascular Health and Risk Management  
Cardiology Research

**HONORS AND AWARDS**

1961 New York State Regents Scholarship  
1965 Permanent Class President, College of Arts and Sciences, Boston University  
1976 Joslin Diabetes Foundation International Travel Award  
1976 American Diabetes Association International Travel Award  
1978 American Medical Association, Physicians Recognition Award  
1980 Medtronic, Inc. Travel Grant  
1980 CPI Inc. Travel Grant  
1981 American Medical Association, Physicians Recognition Award  
1984 American Medical Association, Physicians Recognition Award  
1987 American Medical Association, Physicians Recognition Award  
1988 Marion Laboratories, educational grant  
1990 American Medical Association, Physicians Recognition Award  
1993 American Medical Association, Physicians Recognition Award  
1994 American Medical Association, Physicians Recognition Award  
(with commendation)  
1995 Harvard Medical School Award for Excellence in Mentoring-Nominee  
1997 Harvard Medical School A. Clifford Barger Award for Excellence in Mentoring  
Nominee  
1997 American Medical Association, Physicians Recognition Award  
(with commendation)  
1999 American College of Physicians Travel Award  
2000 American Medical Association, Physicians Recognition Award  
(with commendation)  
2005 American Medical Association, Physicians Recognition Award  
2006 Community Service Award Nominee, Harvard Medical School, Office of  
Diversity and Community Partnership  
2005 Massachusetts Medical Society Committee on Senior Volunteer Physicians  
Honor Roll

- 2006 Middlesex District, Massachusetts Medical Society's Community Clinician of the Year
- 2006 American Medical Association, Physicians Recognition Award (with commendation)
- 2007 Elite Reviewer, Journal of the American College of Cardiology
- 2013 Simon Dack Award for Outstanding Scholarship, Journals of the American College of Cardiology

**MAJOR RESEARCH INTERESTS:**

1. Autonomic Cardiac Dysfunction in Diabetes
2. Cardiac Disease in Azotemic Diabetics
  - a. Rhythmic Disturbances
  - b. Hemodynamic Disturbances
3. Effects of Hyperglycemia on Cardiac Function
  - a. Autonomic
  - b. Rhythmic
  - c. Muscle Function
4. Renal Replacement Therapy
  - a. Effects on Cardiac Function and Longevity
  - b. Influence of Cardioactive Drugs on Prognosis
5. Effects of Lipids and Platelets with Vascular Access Grafts
6. Relationship of Core Spirituality to Health Care Outcome
7. Drug Research Trials
  - a. Calcium Channel Blockers (Verapamil, Diltiazem, Nisoldipine)
  - b. Amrinone
  - c. Nitrates
  - d. Fluorocarbon synthetic blood substitutes
8. Effects of Chronic Intermittent Insulin Infusion
  - a. Circadian Cardiac Rhythm (Autonomic Function)
  - b. Platelet Function
  - c. Atherogenesis
  - d. Left Ventricular Compliance
  - e. Left Ventricular Systolic Function
  - f. Retinal microvasculature
9. Clinical Research Trial Design Consulting

**RESEARCH FUNDING INFORMATION:**

**Completed**

1. Sterling-Winthrop Laboratories: Hemodynamic effects of intravenous and oral amrinone in congestive heart failure patients (Weinrauch, LA; Principal Investigator)
2. Knoll Pharmaceuticals: A study to determine efficacy in the management of stable angina pectoris (Weinrauch, LA; Principal Investigator)
3. Marion Laboratories: Diltiazem HCL in stable angina (Weinrauch LA; Principal Investigator, New England Regional Coordinator: Side effects trials)
4. Janssen Pharmaceutica: Aprindine in resistant ventricular tachyarrhythmias (Weinrauch LA; Principal Investigator)
5. Harris/Tenabe Seiyaku: A randomized double blind placebo controlled trial to determine the safety and efficacy of sustained release diltiazem in patients with stable angina at four dosage levels: 60mg bid, 90mg bid, 180mg bid, and 240mg bid. (Weinrauch LA; Principal Investigator)
6. Boehringer-Mannheim: High dose nitrates, a placebo-controlled trial of ISMO for side effects in patients with angina (Weinrauch LA; Principal Investigator)
7. Hemagen/PFC: A double-blind, randomized, single-center safety and tolerability study of an intravenous infusion of a range of doses (0.64, 1.28, 2.56, 5.12cc/kg of Supercytes, 0.25, 0.50, 1.00, 2.00cc/kg PFC) of Supercytes, a perfluorocarbon emulsion, in normal healthy male volunteers (Weinrauch LA; Coinvestigator)
8. Marion Merrell Dow Pharmaceuticals: Role of calcium channel blockers in protection from sepsis in diabetic renal transplant patients (Weinrauch LA; unrestricted educational grant)
9. Biopure Corp.: A multicenter, randomized, single-blind, red blood cell-controlled, variable-dose, comparative, parallel-group study to evaluate the effect on allogenic blood use and the safety of Hemoglobin-based Oxygen Carrier-201 (HBOC-201) when administered therapeutically in abdominal aortic reconstruction surgery patients. (Weinrauch, L.A., Principal Investigator)
10. Hoechst Marion Roussel: Protocol HOE642A/3001: A double blind placebo controlled, multinational trial to investigate the effect of the Na/H exchange inhibitor HOE 642 (Cariporide) on all cause mortality and myocardial infarction in patients with acute coronary syndrome related to the disease process or to an interventional cardiac procedure. The GUARDIAN Trial (GUARD During Ischemia Against Necrosis) (Weinrauch, L.A., Principal Investigator) 1997-1998
11. G. D. Searle Pharmaceuticals: Clinical Protocol for Efficacy and Safety of Xemilofiban Hydrochloride (SC-54684A) Administration to Patients Undergoing Coronary Angioplasty

or Stent Replacement: nPivotal Trial IG-96-02-017, IND #46,247. The EXCITE Trial (Evaluation of Oral Xemilofiban In Controlling Thrombotic Events), (Weinrauch, L.A., Principal Investigator) 1998-1999

12. Advanced Metabolic Systems: Effects of chronic intermittent intravenous insulin therapy in end stage cardiomyopathic heart failure in diabetic patients (Weinrauch LA, Principal Investigator) 1995-1996

13. Advanced Metabolic Systems: Antinephropathic effects of chronic intermittent intravenous insulin therapy (Weinrauch LA; Principal Investigator, Multicenter trial coordinator for cardiovascular testing) 1993-1998

### Current Research Activities

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|----------------|---|
| 1989 – Present | <p>Bayer Pharmaceuticals<br/>Amgen, Inc.<br/>Deaconess Home Health Care:<br/>Use of aspirin prophylaxis in high risk diabetic renal dialysis patients.<br/>(Weinrauch LA; Principal or coinvestigator depending on the grant source)</p>  |
| 1989 – Present | <p>Bayer Pharmaceuticals<br/>Amgen, Inc.<br/>Patty Lee Corp.:<br/>Use of aspirin prophylaxis in diabetic renal transplant patients.<br/>(Weinrauch, LA, Coinvestigator)</p>   |
| 1995 – Present | <p>GAMBRO Healthcare Research Grant Program: Effect of Lispro insulin on procoagulation in diabetic patients on peritoneal dialysis.<br/>(Weinrauch, L.A. Coinvestigator)</p>   |
| 1999 – Present | <p>Patty Lee Corp: The relationship between autonomic tone, endothelial function and coagulation in the development of preeclampsia in the diabetic.<br/>(Weinrauch, LA, Coinvestigator)</p>  |
| 2005- Present  | <p>Glaxo Smith Kline: A two-part exploratory MRI study in healthy male subjects: Part A; a randomized, open label, parallel group study to evaluate the measurement of body fluid volumes by MRI in the lower extremities of healthy volunteers receiving nifedipine or fludrocortisone treatment. Part B; an open design study to evaluate the potential of dynamic contrast-enhanced MRI for quantification of vessel permeability in the calf muscle of healthy volunteers.<br/>(Weinrauch LA, Coinvestigator)</p> |

- 2005-Present      Glaxo Smith Kline: “An exploratory MRI study in Type 2 diabetic subjects: A randomized, double-blinded, placebo-controlled trial to evaluate the measurement of fluid volumes by MRI in the lower extremities of subjects receiving pioglitazone”  
(Weinrauch LA, Coinvestigator)
- 2006-Present      Advanced Diabetes Treatment Centers of Florida, LLC. Multiple multicenter studies on the effect of pulsatile intravenous therapy upon cardiac autonomic function over time, chronic blood pressure control, left ventricular size, shape and function over time, factors of hemostasis over time.  
(Weinrauch LA, Principal Investigator)
- 2007-Present      Brigham and Women’s Hospital, Cardiovascular Division, Core Clinical Endpoint Committee for multiple trials including:
- ATMOSPHERE: A multicenter, randomized, double-blind, parallel group, active-controlled study to evaluate the efficacy and safety of both aliskiren monotherapy and aliskiren/enalapril combination therapy compared to enalapril monotherapy, on morbidity and mortality in patients with chronic heart failure (NYHA Class II-IV), Novartis
- ASTRONAUT: A multicenter, randomized, double-blind, parallel group, placebo-controlled study to evaluate the 6 months efficacy and safety of aliskiren therapy on top of standard therapy, on morbidity and mortality when initiated early after hospitalization for acute decompensated heart failure, Novartis
- ALTITUDE: ALiskiren Trial In Type 2 diabetes Using cardiorenal Disease Endpoints. A multicenter, randomized, double-blind, parallel group, placebo-controlled study to determine whether, in patients with type 2 diabetes at high risk for cardiovascular and renal events, aliskiren, on top of conventional treatment, reduces cardiovascular and renal morbidity and mortality, Novartis
- RED-HF, Reduction of Events with Darbopietin alfa in Heart Failure Trial. A double-blind randomized, placebo-controlled, multicenter study to assess the efficacy and safety of darbopietin alfa treatment on mortality and morbidity in heart failure (HF) subjects with symptomatic left ventricular systolic dysfunction and anemia. Amgen
- TREAT: Trial to Reduce cardiovascular Events with Aranesp Therapy, Amgen

ACCOMPLISH: Avoiding Cardiovascular events through COMbination therapy in Patients LIVING with Systolic Hypertension. A prospective multinational, multicenter, double-blind, randomized, active-controlled trial to compare the effects of Lotrel (amlodipine/benazepril) to benazepril and hydrochlorthiazide combined on the reduction of cardiovascular morbidity and mortality in patients with high risk hypertension, Novartis

PARADIGM-HF: A multicenter, randomized, double-blind, parallel group, active-controlled study to evaluate the efficacy and safety of LCZ696 compared to enalapril on morbidity and mortality in chronic heart failure and reduced ejection fraction, Novartis

- 2010 Wyeth Pharmaceuticals: A Randomized, Double-Blind, Parallel Group Study to Compare Discontinuation Symptoms in Abrupt Discontinuation Versus a 1Week Tapering Regimen in Subjects with Major Depressive Disorder (MDD) Treated for 24 Weeks With Open-label 50 mg Desvenlafaxine Succinate Sustained-Release Formulation (DVS SR) (Weinrauch LA; Principal Investigator)
- 2010 Boehringer Ingelheim Pharmaceuticals, Inc: A Phase IIIb, 24-week, randomized, placebo-controlled, double-blinded, efficacy and safety study of linagliptin (BI 1356) in Black/African American patients with type 2 diabetes with a MTT sub-study (Weinrauch LA; Principal Investigator)
- 2010 Boehringer Ingelheim Pharmaceuticals, Inc: A Phase III, multicentre, international, randomised, parallel group, double blind cardiovascular safety study of BI 10773 (10 mg and 25 mg administered orally once daily) compared to usual care in type 2 diabetes mellitus patients with increased cardiovascular risk (Weinrauch LA; Principal Investigator)
- 2010 Boehringer Ingelheim Pharmaceuticals, Inc A phase III randomised, double-blind, placebo-controlled parallel group efficacy and safety study of BI 10773 and sitagliptin administered orally over 24 weeks, in drug naïve patients with type 2 diabetes mellitus and insufficient glycaemic control despite diet and exercise (Weinrauch LA; Principal Investigator)
- 2010 Roche Pharmaceuticals: Protocol BC22140: A Multicenter, Randomized, Double Blinded, Placebo-Controlled Cardiovascular Outcomes study to evaluate the potential of Aleglitazar to reduce Cardiovascular risk in patients with a recent Acute Coronary Syndrome (ACS) event and type 2 Diabetes Mellitus (T2D) exercise (Weinrauch LA; Principal Investigator)

#### **PARTICIPATION IN TRIAL DESIGNS:**

California-Biotechnology, Inc.: A phase II dose-response, safety and efficacy study of anaritide acetate for prophylaxis of radiocontrast-induced nephropathy in patients at high risk undergoing radiographic procedures requiring contrast agents

DCCT- Microvascular and Macrovascular Complication of Diabetes Mellitus  
Effect of Hyperglycemia in Cardiac Function  
Relationship Between Severe Hyperglycemia on Myocardial Function in Diabetic Azotemic Nephropathy  
Relationship of Hyperglycemia to Myocardial Function in Controlled and Uncontrolled Diabetes  
Hemodynamic Response of Diabetic Patients During Hemodialysis  
Hemodynamic Monitoring During Different Hemodialysis Flow Rates  
Hyperlipidemia in Diabetic Nephropathy  
Taurine Supplementation in Renal Failure: Effect on Myocardial Function  
Relationship Between Manic-Depressive Illness and Idiopathic Hypertrophic Subaortic Stenosis and Mitral Prolapse  
Relevance of Positive Psychological Attitudes and Religious World Views to Health Outcomes Among Dialysis Patients

**TEACHING EXPERIENCE:**

**Local contributions:**

- 1975 "Cardiopulmonary resuscitation for the house officer."  
Introductory house officer lecture, New England Deaconess Hospital
- 1975 – 1976 Organized cardiology lectures, New England Deaconess Hospital  
Lecturer on cardiovascular drugs, New England Deaconess Hospital,  
School of Nursing
- 1976 – Present Attending Physician, Mount Auburn Hospital, Ward Attending Rounds,  
one month/year for 0-2 medical students, 0-2 pharmacy students,  
2-4 interns, 2 residents in medicine
- 1976 – 1981 Lectures in Cardiology, Introduction to Clinical Medicine Course,  
1-2 lectures/year, 20-25 medical students, Harvard Medical School
- 1976 – 1988 Cardiology Attending in Cardiac Catheterization Laboratory,  
Mount Auburn Hospital, 1-2 Fellows in Cardiology
- 1976-1989 Sancta Maria Hospital, Cambridge, Mass, Grand Rounds,

1-2 times per year on diverse subjects:

- “The Outpatient Management of Cardiac Arrhythmias”
- “Non-Cardiac Surgery in the Cardiac Patient”
- “Medical Management of the Patient with Complex Angina”
- “Preoperative Medical Risk Assessment”
- “Modern Care of the Acute Myocardial Infarction”
- “Complications of the Acute Myocardial Infarction”

Lecturer, Annual Course for Critical Care Nursing, Sancta Maria Hospital,  
10-20 nurses

- 1977 "Invasive Monitoring in the Unstable Cardiac Patient."  
Medical Grand Rounds. Brookline Hospital, Brookline, Mass.
- 1979 "Myocardial Infarction, New Considerations."  
Medical Grand Rounds. Brookline Hospital, Brookline, Mass.
- 1980 "Use of Calcium Channel Blocking Agents in Patients with  
Cardiovascular Disease"  
Medical Grand Rounds. Emerson Hospital, Concord, Mass.  
  
"Update on New Medications in the Treatment of Coronary Artery Disease"  
Medical Grand Rounds. Choate Hospital, Woburn, Mass.
- "Outpatient Management of the Patient with Angina."  
Medical Grand Rounds. Veteran's Administration, Boston, Mass.
- 1983 Chairman, Symposium on Hypertension, Middlesex South Medical Society
- 1984 Lecturer at Advanced Cardiac Life Support Course (American Red Cross)
- 1986 "The Effect of Regular Exercise on the Cardiovascular System"  
Lecture and Videotape. Bolt, Beranek and Newman, Inc., Cambridge, Mass.
- 1988 "Outpatient Treatment of Cardiac Arrhythmias"  
Medical Grand Rounds. Veteran's Administration, Boston, Mass.
- 1989 - Present Outpatient Cardiac Elective, Tufts University School of Medicine  
2 hours per week, 1-2 semesters, 1-2 medical students/semester
- 1989 – 1993 Elective in Cardiovascular Research, combined Mount Auburn Hospital- New  
England Deaconess Hospital
- 1990 "Outpatient Management of Hypertension."

- Medical Grand Rounds. McLean Hospital, Belmont, Mass.
- 1991 "Tailoring the Treatment of the Hypertensive Patient."  
Medical Grand Rounds. Youville Hospital, Cambridge, Mass.
- "Risk Stratification of the Difficult Angina Patient."  
Medical Grand Rounds. New England Memorial Hospital, Stoneham, Mass.
- 1992 "The Complicated Hypertensive."  
Medical Grand Rounds. Spaulding Rehabilitation Hospital, Boston, Mass.
- 1993 "Post-Operative Therapy of the Renal Transplant Recipient, the Effect of  
Antihypertensive Agents on Sepsis."  
Beth Israel/Deaconess Renal Research Group
- 1994 "Cardiac Autonomic Diabetic Neuropathy in Diabetic Nephropathy."  
Beth Israel/Deaconess Renal Research Group
- "Cardiac Autonomic Diabetic Neuropathy, Role of Antihypertensive Agents  
and Diabetic Control."  
Beth Israel/Deaconess Renal Research Group
- "Protection of the Renal Transplant Patient from Sepsis by Antihypertensives."  
Harvard Surgical Transplant Rounds
- "Diabetic Cardiac Autonomic Neuropathy, Baseline Circadian Variation?"  
Institute for Prevention of Cardiovascular Disease
- 1995 "Somatosensory Testing, Role of Vascular Tone in Regulation of Coagulation Factors."  
Beth Israel/Deaconess Renal Research Group
- 1996 "The Use of Cardiac Non Invasive Testing to Predict Microvascular  
Complications of Diabetes."  
Joslin Deaconess Renal Research Conference
- "Looking at your Heart."  
Defense Contract Management Command Health Lecture
- "Controlling Hypertension."  
Defense Contract Management Command Health Lecture
- "Role of the Valsalva Maneuver in the Prediction of a High Risk Group  
for Progressive Renal Dysfunction in Diabetes."  
Beth Israel/Deaconess Renal Research Group

- "Coronary Spasm and Ventricular Fibrillation."  
Mount Auburn Hospital Catheterization Conference
- 1997 "Cholesterol and the Management of Risk Factors in the Prevention of Heart, Vascular Disease and Stroke."  
Defense Contract Management Command Health Lecture
- "Use of a New Class of Agents, the IIbIIIa Blockers."  
Mount Auburn Hospital Catheterization Conference
- "The EXCITE Trial, Use of Xemilofiban for the Prevention of Post Reperfusion Vascular Closure."  
Mount Auburn Hospital Catheterization Conference
- 1999 "Cardiac Plumbing: Keeping the Blood Flowing and the Vessels Open."  
Defense Contract Management Command Health Lecture
- "The Diabetic Heart."  
Medical Grand Rounds. Mount Auburn Hospital
- 2000 "Current Concepts in Hypertension"  
Noon Cardiology Conference, Mount Auburn Hospital
- 2001 "Urgencies and emergencies in hypertensive management"  
Noon Cardiology Conference, Mount Auburn Hospital
- 2002 "Hypertensive Crises, hospital management of hypertension"  
Noon Cardiology Conference, Mount Auburn Hospital
- 2003 "Malignant Hypertension"  
Noon Cardiology Monthly Conference, Mount Auburn Hospital
- 2007 "What is new in management of hypertensive catastrophes?"  
Noon Cardiology Monthly Conference, Mount Auburn Hospital
- 2006 "Insulinopenia, glomerular hypofiltration and sympathoadrenal instability, adverse effects on the cardiovascular system, Part 1: an historical perspective"  
CEC/ECL Research Conference, Brigham and Women's Hospital
- 2006 Insulinopenia, glomerular hypofiltration and sympathoadrenal instability, adverse effects on the cardiovascular system, Part 2: effects on left ventricular mass".  
CEC/ECL Research Conference, Brigham and Women's Hospital

**Regional, National, and International Contributions**  
**Invited Presentations**

- 1978, 1981   Lecturer, Middlesex South Medical Society Educational Holiday, Bermuda, and Aruba  
                   "Update on Vascular Diseases."  
                   "Update on Hypertension."  
                   "Who Needs Cardiovascular Surgery?"  
                   "Coronary Artery Disease - An Update."
- 1980            "Is Coronary Artery Anatomy as Important in Predicting Prognosis as the Symptom Complex?" Medical Grand Rounds.  
                   "Fundamentals in Cardiac Pacing." Medical Student Lecture.  
                   Santo Tomaso Medical School, Manila, The Philippines.
- 1981            Chairman, Conference on Biomedical Engineering in Cardiology, Shanghai, China  
                   "Newer Aspects of Cardiac Pacing, Implications for Today's China, What Is Coming Next." Lecturer.
- 1986            "Treatment of Unstable Angina."  
                   Medical Grand Rounds.  
                   Freehold Regional Hospital, Freehold, New Jersey
- 1987            "Treatment of Unstable Angina."  
                   Medical Grand Rounds. Paramus Hospital, Paramus, New Jersey
- 1987            "Use of Calcium Channel Blockers."  
                   Medical Grand Rounds. Monmouth Medical Center, Monmouth, New Jersey
- 1989            Lecturer on Diabetes and Cardiac Disease (American Diabetes Association), Annual lectures to physicians and patients, Maui, Hawaii.
- 1991            Maine Medical Center, Maine, Invited lecture in a CME course "Tailoring treatment to needs in the hypertensive patient."
- 1992            "Tailoring the treatment of the hypertensive patient."  
                   Medical Grand Rounds, Memorial Hospital of Rhode Island, Pawtucket, RI  
                   "Treatment of the diabetic hypertensive."  
                   Medical Grand Rounds, Maui Memorial Hospital Maui, Hawaii  
                   "The complicated hypertensive, tailoring the therapy."  
                   Medical Grand Rounds, Heywood Hospital, Gardner, Mass.

"Tailoring the treatment of the hypertensive patient to complicating conditions."  
Medical Grand Rounds. Newport Hospital, Newport, RI.

"The complicated hypertensive, goals in management." Medical Grand Rounds.  
Rhode Island Medical Center, Cranston, RI.

- 2005 "Early recognition and prevention of cardiovascular problems in  
women" Kapi'olani Medical Center at Pali Momi, Aiea, Hawaii, Medical  
Grand Rounds
- 2007 "Hypertension-hype and attention to evidence". Wilcox Memorial Hospital,  
Lihue, Kauai, Hawaii, Medical Grand Rounds

#### CLINICAL AND HOSPITAL SERVICE RESPONSIBILITIES:

1975 – 1977	Associate Director, Emergency Department	Hale Municipal Hospital Haverhill, Mass.
1977 – 1979	Director, Invasive Cardiology	Brookline Hospital Brookline, Mass.
1978 – 1990	EKG Reader	Sancta Maria Hospital Cambridge, Mass.
1979 – Present	EKG Reader	Mount Auburn Hospital Cambridge, Mass.
1983 – 1990	Co-Director, Cardiology Service	Sancta Maria Hospital Cambridge, Mass.
	Co-Director, Non-Invasive Laboratory	Sancta Maria Hospital Cambridge, Mass.
	Co-Director, Critical Care Unit	Sancta Maria Hospital Cambridge, Mass.
1989 – Present	Cardiology Consultant	Commonwealth of Massachusetts Public Employee Retirement Administration Boston, Mass.
1976 - 2006	Cardiology Coverage, Emergency Department	Mount Auburn Hospital Cambridge, Mass.

1991 – Present	Director of Cardiology	The Diagnostic Center Cambridge, Mass.
1992 – 1997	Cardiologist	The Heart Center of Lexington Lexington, Mass.
1995 – Present	Cardiology Consultant	Commonwealth of Massachusetts Industrial Accident Board Boston, Mass.

**PUBLICATIONS****ORIGINAL REPORTS:**

1. Weinrauch, L.: Chondro-sarcome et Tumeur du Sein, a Propos d'un Cas Traite au Centre Paul Lamarque de Montpellier. These, Faculte de Medecine de Montpellier, Mai, 1972.
2. Weinrauch, L., Healy, R., Leland, O., Goldstein, H., Kassissieh, S., Takacs, F., Libertino, J., and D'Elia, J.: Coronary Angiography and Acute Renal Failure in Diabetic Azotemic Nephropathy. *Ann Intern Med.* 1977; 86:56-59.
3. Weinrauch, L., Freidberg, S., and D'Elia, J.: Acute Renal failure After Cerebral Arteriography in a Diabetic Patient. *Neuroradiology.* 1977; 12:197-199.
4. Nelson, C., Nowak, B., Childs, H., Weinrauch, L., and Forwand, S.: Provocative Testing for Coronary Artery Spasm: Rationale, Risk and Clinical illustrations. *Am J Cardiol.* 1977; 40:624-629.
5. Weinrauch, L., McDonald, D., DeSilva, R., Hawkins, G., Shubrooks, S., and Leland, O.: Mitral Valve Prolapse in Rheumatic Mitral Stenosis. *Chest.* 1977; 72:747-756.
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