

## CURRICULUM VITAE

**Israel Penn, M.D.**

**Born:** Rokiskis, Lithuania – January 15, 1930

**Citizenship:** American

**Wife's Name:** Zelda Ruth Lebowitz  
Married – December 29, 1964

**Children** Michelle Barbara  
Jonathan Lawrence

**Education:** Athlone High School, Johannesburg, South Africa  
Graduated – December, 1946

University of Witwatersrand Medical School  
Johannesburg, South Africa  
Graduated – M.B., B.Ch., December, 1952

Royal College of Surgeons of England 1955 – 1956

### **Certifications :**

Fellow of Royal College of Surgeons of England, May 1956  
Fellow of Royal College of Surgeons of Canada, December 1965  
Diplomate of the American Board of Surgery, May 1968, #15575

### **Other Qualifications :**

Educational Council for Foreign Medical Graduates, October 1961

Licentiate of the Medical Council of Canada, November 1964

### Licensure:

Colorado	1969
South African Medical Council	1952
General Medical Council of Great Britain	1955
Manitoba, Canada	1965
Ohio	7/23/82

**EXPERIENCE:**

Housesurgeon (Intern) to Mr. A. Lee McGregor (Senior Surgeon), Johannesburg General Hospital & University of Witwatersrand Medical School (General Surgery).	Jan. – July, 1953
Housephysician (Intern) to Mr. M.M. Suzman (Senior Physician), at the above hospital (Internal Medicine).	Aug. 1953 – Jan. 1954
Orthopedic Housesurgeon (equivalent to “Resident” status) to Mr. J.M. Edelstein (Senior Orthopedic Surgeon), at the above hospital (Orthopedic Surgery).	Feb. 1954 – July 1954
Casualty Officer (equivalent to “Resident” status) Transvaal Memorial Hospital for Children and University of Witwatersrand Medical School (Pediatric Surgery).	Aug. 1954 – Jan. 1955
Senior Housesurgeon (equivalent to “Resident” status) to Mr. W.G. MacLean (Senior Surgeon) Swansea General Hospital, Swansea, Great Britain (General Surgery and Urology).	July 1955 – Jan. 1956
Senior Housesurgeon (equivalent to “Resident” status) to Mr. Norman Tanner (Senior Surgeon) St. James Hospital, London, England (General Surgery).	June 1956 – Nov. 1956
Surgical Registrar (equivalent to “Chief Resident) to Mr. Norman Tanner (Senior Surgeon), Mr. A.M. Desmond, Mr. H.K. Vernon and Mr. J. Burke (Surgeons) St. James Hospital, London, England (General Surgery, Vascular Surgery and Urology).	Dec. 1956 – Dec. 1958
Surgical Registrar to Mr. S. Kleinot (Senior Surgeon) Coronation and Baragwanath Hospitals and University of Witwatersrand Medical School (General and Traumatic Surgery).	Jan. 1959 – Mar. 1960
Senior Medical Officer in Surgery (equivalent to Senior Instructor status) Baragwanath Hospital and University of Witwatersrand Medical School (General, Pediatric and Traumatic Surgery).	Apr. 1960 – June 1962
Research Fellow in Surgery working with Professor F.A. Simeone (Chairman, Department of Surgery) Metropolitan General Hospital & Western Reserve University School of Medicine, Cleveland, Ohio (Research work in Vascular Surgery).	July 1962 – July 1963

Research Associate in Surgery working with Professor C.G. Rob (Chairman, Department of Surgery) Strong Memorial Hospital & University of Rochester School of Medicine and Dentistry, Rochester, NY (Research work In Vascular Surgery).	July 1963 – July 1964
Senior Research Associate in Surgery (Acting Director Of the Research Laboratory) working with Professor Colin C. Ferguson (Head, Department of Surgery), the University of Manitoba, Winnipeg (Research work in Vascular and Gastrointestinal Surgery).	Sept. 1964 – Dec.1965
Resident in Surgery working with Dr. E.B. Mahoney & Dr. J.A. DeWeese, Strong Memorial Hospital & University of Rochester School of Medicine & Dentistry, Rochester, New York (Cardiovascular Surgery).	Jan. 1966 – June 1966
Chief Resident in General Surgery, State University of New York Upstate Medical Center, Syracuse, New York (General Surgery and Thoracic Surgery).	July 1966 – June 1967
Assistant Professor of Surgery, State University of New York, Upstate Medical Center, Syracuse, New York. Attending Surgeon University Hospital, Veterans Administration Hospital & Memorial Hospital, Syracuse, New York.	July 1967 – Sept. 1967
Assistant Professor of Surgery, University of Colorado School of Medicine, Denver, Colorado.	Sept. 1967 – June 1969
Assistant Chief of Surgical Service, Denver, Veterans Administration Hospital.	Sept. 1967 – June 1972
Associate Professor of Surgery, University of Colorado	July 1969 – June 1976
Chief of Surgery, Veterans Administration Hospital, Denver, Colorado.	July 1972 – July 1982
Professor of Surgery, University of Colorado School of Medicine.	July 1976 – July 1982
Chief of Surgery, Veterans Administration Hospital, Cincinnati, Ohio.	Aug. 1982 – May 3, 1992
Professor of Surgery, University of Cincinnati School Of Medicine.	Aug. 1982 – To present

**Israel Penn, M.D.**

Attending Surgeon, Cincinnati University Hospital  
(formerly General), Cincinnati, Ohio.

Aug. 1982 – To present

Director, Surgical Student Education.  
Attending Surgeon – Christian R. Holmes Hospital,  
Cincinnati, Ohio.

June 1992 – To present

Aug. 1982 – To present

Attending Surgeon – Children’s Hospital Medical  
Center, Cincinnati, Ohio.

Aug. 1986 – To present

**SOCIETIES:** American College of Surgeons (1970)  
Central Surgical Association  
Society for Vascular Surgery  
International Cardiovascular Society  
International Transplantation Society  
Association for Academic Surgery  
American Association for the Advancement of Science  
Pan American Medical Association  
Society of University Surgeons  
American Association for the Study of Liver Disease  
American Surgical Association  
American Society of Transplant Surgeons  
(Chairman – Education Committee 1977-1980)  
National Kidney Foundation (Member of the  
Executive Committee of the Council on  
Clinical Nephrology  
Dialysis and Transplantation,  
January 1978 - November 1981)  
Medical Review Board – End Stage Renal Disease  
(Network 5) (April 1, 1980 – July 31, 1982)  
Academy of Medicine of Cincinnati  
Cincinnati Surgical Society  
Ohio State Medical Association  
New York Academy of Sciences  
Surgical Biology Club I  
Halsted Society  
Alpha Omega Alpha (Beta Chapter of Ohio –  
University of Cincinnati)  
International Society for Preventive Oncology

**HONORS AND AWARDS:**

University of Colorado's candidate for Markle Scholarship – 1968

Guest examiner for the American Board of Surgery – Feb. 18, 1969 (Denver, Colorado);  
Feb. 17, 1970 (Denver, Colorado), May 31-June 2, 1976 (Salt Lake City, Utah; May 10,  
1978 (Denver, Colorado); Sept. 10-12, 1990 (Columbus, OH).

Honorary Member, Ecuadorean Chapter, Pan American Medical Association – 1969.

Honorary Member, Phoenix Surgical Society – 1969.

Elected Treasurer (Western Hemisphere) International Transplantation Society (1974-1978).

Listed in "Who's Who in the West" – 15<sup>th</sup>, 16<sup>th</sup>, & 17<sup>th</sup> Editions.

President, Section of Transplantation, Pan American Medical Association – 1976-1983.

Italian Surgical Research Society - Corresponding Member - 1976.  
Listed in "Who's Who in Colorado" – 1976 Edition.

Listed in Dictionary of International Biography"  
Volume XIII – 1976 – 1977 Edition  
Volume XIV – 1977 – 1978 Edition

Elected Secretary (Western Hemisphere) International Transplant Society (1978-1984).

Listed in "Men of Achievement" – 4<sup>th</sup> Edition – 1977.

Designated "Doctor of Humanities" by Pan American Medical Association, October 1976.

Honorary Citizen of Guayaquil, Ecuador – October 1976.

Honorary Citizen of San Salvador, El Salvador – December 1976.

Corresponding Member of the Peruvian Academy of Surgery – December 1976.

Featured on front cover of "Cancer Research" as one of the six persons first involved in pointing to Epstein-Barr virus as being associated with lymphomagenesis.

Chairman, North American Section on General Surgery, Pan American Medical Association, 1983.

Inducted as a faculty member of Alpha Omega Alpha (Beta Chapter of Ohio – University of Cincinnati) – 1986.

Elected Vice President (Western Hemisphere) International Transplantation Society 1986-1988.

Guest editor: Cancer Surveys Volume 1(4), 1983.

Guest editor: Clinical Transplantation Volume 6(3), June 1992.

Guest editor: "Transplantation Oncology", Transplantation Science – Volume 4, Number 1, 1994.

Golden Apple Award for Excellence in Teaching: Class of 1994, University of Cincinnati Medical Center.

Golden Apple Award for Excellence in Teaching: Class of 1995, University of Cincinnati Medical Center.

Hooding of graduating class, 1995.

University of Cincinnati – Faculty Achievement Award, 1995.

Golden Apple Award for Excellence in Teaching: Class of 1996, University of Cincinnati Medical Center.

Hooding of graduating class, 1996.

Reading of Hippocratic oath to graduating class, 1996.

Outstanding Teacher Award – Association for Surgical Education (awarded in Philadelphia, Pa, April 11, 1997) – 1997.

Golden Apple Award for Excellence in Teaching: Class of 1998, University of Cincinnati Medical Center.

Mrs. A.B. (Dolly) Cohen Excellence in University Teaching Award, 1997-98.

Hooding of graduating class, 1998.

Reading of Hippocratic oath to graduating class, 1998.

Elected President Alpha Omega Alpha (Beta Chapter of Ohio [1998 - ]).

Member Barbour-Cohen Awards Committee (1998 - )

Greater Cincinnati Consortium of Colleges and Universities Eleventh Annual Teaching Award, 1998.

American Society of Transplantation: Roche Distinguished Achievement Award, May 1999. (The fifth person in the U.S. and Canada to receive this award) “to honor a senior investigator who has made enormous contributions to the field of transplantation medicine and immunobiology.”

Golden Apple Award for Excellence in Teaching: Class of 1999, University of Cincinnati Medical Center.

Hooding of graduating class, 1999.

Reading of Hippocratic oath to graduating class, 1999.

Veterans Affairs (Cincinnati)

Lifetime Accomplishment Award. June, 1999. (To be known to all future awardees as “The Penn Award”)

Israel Penn Transplant Fellows Symposium 1999. Supported by the University of Pittsburgh and Fujisawa Laboratories. (Fifth Annual Award)

**EDITORIAL BOARDS:**

The Kidney (National Kidney Foundation) 1973

Transplantation (May 1975 – November 1977) (1983 - )

Journal of Clinical and Laboratory Immunology (November 1977 - )  
Transplantation Proceedings (1981 – 1984)

Transplantation Proceedings (Abstracts Editorial Board 1983 - )

Transplantation Proceedings (Advisory Board 1990 - )

Literature Scan: Transplantation (1985 - )

Transplante (1989 - )

Cancer Detection and Prevention (1989 - )

Current Opinions in Organ Transplantation (1995 - )

Clinical Transplantation (1997 - )

Transplant International (1998 – International Advisory Board)

Annals of Transplantation (1998 - )

Liver Transplantation and Surgery (1999 - )

**COMMITTEES**

**INTERNATIONAL**

Transplantation Society (Treasurer: Western Hemisphere 1974 – 1978)  
(Secretary: Western Hemisphere 1978-1984). Vice President, Western Hemisphere  
(1986 – 1988).

Member Scientific Committee of the International Society for Preventive Oncology  
(1988 – 1992).

**NATIONAL**

Veterans Administration Renal Transplant Consultant Group.

Member of NIH site visit team to the University of Virginia, Charlottesville.  
September 15-16, 1970. (Clinical Research Center Support).

Member of NIH site visit team to the University of Michigan, Ann Arbor. March 9-10,  
1971. (Clinical Research Center Support).

Member of NIH special study section to the Medical College of Virginia, Richmond. August 26-28, 1973. (Organ Transplantation).

Member of NIH site visit team to the Medical College of Virginia, Richmond. February 14-15, 1974. (Clinical Research Center Support).

Member of NIH site visit team to Bowman Gray Medical School, Winston-Salem, NC. February 21, 1975. (Clinical Research Center Support).

Member of NIH site visit team to the University of Oregon Medical School, Portland. April 11, 1975. (Clinical Research Center Support).

Ad hoc member of the General Clinical Research Centers Committee Meeting, NIH, Bethesda, Maryland. May 7-8, 1975.

Member of NIH site visit team to the Medical College of Virginia, Richmond. April 2, 1976. (Clinical Research Center Support).

Member of American Society of Transplant Surgeons site visit team to the University of Illinois, Chicago, April 21, 1981. (Renal Transplantation).

Member of American Society of Transplant Surgeons site visit team to the University of Minnesota, Minneapolis. May 12, 1981. (Renal Transplantation).

Member of American Society of Transplant Surgeons site visit team to the Albany Medical College, New York. December 1, 1982.

Member of Advisory Board for Cancer Information Dissemination and Analysis Center. 1. NCI and Franklin Research Institute (June 1983). 2. NCI and Information Ventures, Inc. (December 1984; October 1985; October 1986; October 1989).

Member of NIH site visit team, Medical College of Virginia, Richmond. December 13, 1984. (Clinical Research Center Support).

American Society of Transplant Surgeons (Chairman of Education Committee – 3 year term; member Ethics Committee 1991-1994).

Member of Veterans Administration site visit team to:

1. Boston Veterans Administration Hospital, Boston, Massachusetts. April 23, 1971. (Kidney Transplant Program).
2. Sepulveda Veterans Administration Hospital, Sepulveda, California. May 3, 1971. (Tumor Immunotherapy Program).
3. Tucson Veterans Administration Hospital, Tucson, Arizona. October 28, 1971. (Kidney Transplant Program). Chairman of the site visit team.

4. Chicago Veterans Administration Research Hospital, Chicago, Illinois. March 24, 1972. (Kidney Transplant Program).
5. Iowa City Veterans Administration Hospital. April 6, 1972. (Kidney Transplant Program).
6. Oklahoma City Veterans Administration Hospital. April 7, 1972. (Surgery Program).
7. Birmingham Veterans Administration Hospital. February 20-21, 1973. (Surgery Program).
8. Little Rock Veterans Administration Hospital. January 9, 1974. (Kidney Transplant Program).
9. Houston Veterans Administration Hospital. November 4, 1974. (Kidney Transplant Program).
10. Tampa Veterans Administration Hospital. June 26, 1975. (Kidney Transplant Program). Chairman of site visit team.
11. Kansas City Veterans Administration Hospital. June 27, 1975. (Kidney Transplant Program).
12. Wadsworth Veterans Administration Hospital and Long Beach Veterans Administration Hospital. February 17-18, 1977. (Kidney Transplant Program).
13. Ann Arbor Veterans Administration Medical Center. May 4, 1983. (Cardiac Surgery Program).
14. Boston Veterans Administration Medical Center. December 9-11, 1985. (New England Organ Bank).

**LOCAL**

(a) VA Medical Center

Executive Advisory Committee  
Resources Committee  
Director's Staff Committee  
Clinical Executive Board  
Dean's Committee  
Various ad hoc committees

(b) University of Cincinnati Medical Center

Environmental Assessment Task Force  
Surgery Department – Executive Committee  
Surgical Department Committee on Reappointment, Promotion and Tenure

Faculty Forum Ad Hoc Committee on Promotions and Tenure  
University Health Plan – Medical Advisory Committee  
Renal Board of Managers  
NIH-GCRC Advisory Committee  
Year II Promotion Board  
Year III-IV Promotion Board  
Clinical Biennium Committee  
Year II-III Curriculum Committee  
Library Advisory Committee  
Planning Committee for Surgical Grand Rounds  
Residency Advisory Committee

(c) Cincinnati Surgical Society

Member of the Board of Directors

(d) State of Ohio

Ohio Solid Organ Transplantation Consortium – Research Committee  
Ohio Valley Organ Procurement Center – Advisory Board

(e) Interstate

End Stage Renal Disease Network No. 9

**COMMUNITY ACTIVITIES**

1. Talk on Organ Transplantation, Lions Club. Denver, Colorado 1969.
2. Talks on Organ Transplantation to Federal Judge Sherman Finesilver's Law School Classes, Denver, Colorado, 1975-1982.
3. Fundraiser (Medical and Dental Professionals) Fine Arts Fund, Cincinnati, Ohio, 1990.
4. Speaker at "Marcia Murphy Lortscher Tribute". Fundraising activity of the National Kidney Foundation of Colorado, Inc. Denver, Colorado, March 10, 1990.

**PRESENTATION OF PAPERS**

1. "The portal and hepatic venous system in shock: An angiographic and manometric study in the dog." American Surgical Association. Phoenix, Arizona. April 5, 1963.
2. "Effects of treatment with hyperbaric oxygen." Manitoba Medical Association. Winnipeg, Manitoba, Canada. October 14, 1965.
3. "Stab wounds of the neck: A personal series of 50 cases." Society of University Surgical Residents. Madison, Wisconsin. April 1967.

4. "Moderator of Panel Discussion on 'Shock'." Colorado Medical Society. Colorado Springs, Colorado. September, 1967.
5. "Immunological response of the body to organ transplants." Colorado Heart Association and Colorado Nurses Association Meeting. Denver, Colorado. March 22, 1968.
6. a) "Immunologic problems and histocompatibility testing in organ transplantation".  
b) "Immunosuppression in organ transplantation."  
16<sup>th</sup> Annual Meeting of the California Blood Bank System. Palm Springs, California. April 26, 1968.
7. "Clinical use of antilymphocytic globulin in renal transplantation." 4<sup>th</sup> Symposium, Chronic Renal Failure. University of Alberta, Edmonton, Alberta. June 22, 1968.
8. "Complications of prolonged immunosuppressive therapy." University of Colorado Postgraduate Seminar (Dermatology). Aspen, Colorado. August 2, 1982.
9. "Malignant lymphomas in transplantation patients." 2<sup>nd</sup> International Congress of the Transplantation Society. New York, New York. September 7, 1968.
10. "Recent advances in liver transplantation." 8<sup>th</sup> Charlotte Postgraduate Seminar. Charlotte, North Carolina. October 3, 1968.
11. "Clinical experiences with renal homotransplantation." 8<sup>th</sup> Charlotte Postgraduate Seminar. Charlotte, North Carolina. October 3, 1968.
12. "The rejection phenomenon in transplant surgery." Hamilton Academy of Medicine. Hamilton, Ontario, Canada. October 22, 1968.
13. "Liver transplantation." Missouri State Surgical Society. Columbia, Missouri. November 1, 1968.
14. a) Member of panel on "Surgical aspects of organ transplantation."  
b) "Problems in liver transplantation."  
University of Missouri. Columbia, Missouri. November 2, 1968.
15. a) "Transplantation of the liver."  
b) "Immunologic aspects of organ transplantation."  
c) "Complications of immunosuppression."  
d) Member of panel on "Moral, ethical and medical problems in organ transplantation."  
e) Member of panel on "Immunology of organ transplantation."  
f) Member of panel on "Transplantation of the kidney."  
International Course on Organ Transplantation. Hospital Central del Empleado. Lima, Peru. November 4-8, 1968.
16. "Surgical aspects of organ transplantation." Kalamazoo Section of the American Chemical Society. Kalamazoo, Michigan. November 12, 1968.

17. "Organ transplantation." Sigma Theta Tau, National Honor Society of Nursing. Denver, Colorado. November 16, 1968.
18. "Organ transplantation." St. Anthony's Hospital. Denver, Colorado. December 2, 1968.
19. "This gift of life." Colorado Nurses Association Workshop on "Organ Transplants." Denver, Colorado. January 24, 1969.
20. "Renovascular hypotension." Colorado State Medical Society Mid-winter Clinics. St. Joseph's Hospital. Denver, Colorado. February 8, 1969.
21. a) "Kidney transplantation."  
b) Member of panel on "Dialysis and transplantation."  
c) Moderator of panel discussion on "The role of supporting services in renal transplantation."  
Institute for Renal Care Programs for Administrators and Social Workers. University of Colorado School of Medicine. Denver, Colorado. February 26-28, 1969.
22. "Transplantation of the liver." University of Glasgow and Royal College of Physicians and Surgeons of Glasgow—Conference on Current Concepts in the Biology and Surgery of Tissue Transplantation. Glasgow, Scotland. March 21, 1969.
23. "Organ transplantation." Mercy Hospital. Denver, Colorado. March 28, 1969.
24. "Experiences with transplantation of the kidney and liver in man." Veterans Administration Hospital in Phoenix, Prescott and Tucson, Arizona. April 1-3, 1969.
25. a) "The use of antilymphocyte globulin in human organ transplantation."  
b) "Rejection in transplantation and its management."  
c) "Evaluation of liver transplantation to date."  
d) "Organ transplantation."  
Aaron Brown Lecturer and Visiting Professor of Surgery. Marquette Medical School and Phi Delta Epsilon Medical Fraternity. Milwaukee, Wisconsin. April 9-10, 1969.
26. "Transplantation of the kidney and liver in children." The Hospital for Sick Children. Toronto, Canada. April 17, 1969.
27. "Malignant lymphomas in transplantation patients: A review of the world experience." 5<sup>th</sup> Annual Meeting of the Canadian Society of Chemotherapy. Toronto, Canada. April 18, 1969.
28. "Recent developments in renal transplantation." Second Annual Workshop on Chronic Renal Disease. University of Colorado School of Medicine. Denver, Colorado. May 6, 1969.
29. "Immunologic aspects of transplantation." St. Mary's Hospital and Veterans Administration Hospital. Grand Junction, Colorado. May 6, 1969.
30. a) "Organ transplants."  
b) Member of panel on "Role of the laboratory in organ transplantation."  
University of Colorado Seventh Post-graduate Course in Medical Technology. Estes Park, Colorado. May 12, 1969.

31. "Organ transplantation." Boulder County Medical Society. Boulder, Colorado. June 12, 1969.

32. a) "Methods of immunosuppression."  
b) "The use of antilymphocyte globulin in organ transplantation."  
c) "Experience with liver transplantation."  
d) Chairman of the section on "Transplantation of the liver, pancreas, stomach and intestine."  
e) Member of panel on "Immunology."

International Symposium on Transplantation of Organs. Madrid, Spain. July 14-17, 1969.

33. a) "Clinical liver transplantation."  
b) "Complications of immunosuppression."

6<sup>th</sup> Annual Samuel Goodman Memorial Symposium. St. John's Hospital, Tulsa, Oklahoma. September 5-6, 1969.

34. "Renal Transplantation."

- a) "Selection of donors and recipients and operative technique."  
b) "Postoperative management and results."

11<sup>th</sup> Annual Meeting of the Ecuadorean Chapter, Pan American Medical Association. Punta Carnero, Ecuador. September 18-20, 1969.

35. a) "Recent advances in liver transplantation."

- b) Cracker-barrel session – "Organ Transplantation."

Kentucky Medical Association. Louisville, Kentucky. September 24, 1969.

36. a) "Human liver transplantation."

- b) "Kidney transplantation."

Visiting Professor of Surgery, University of Kentucky. Lexington, Kentucky. September 25-26, 1969.

37. "Importance of immunology in human transplantation." Bronson Methodist Hospital. Kalamazoo, Michigan. October 15, 1969.

38. "Malignant lymphomas in renal homograft recipients." International Symposium on Cancer Immunology – Sponsored by the Canadian Society of Immunology and McGill University. Montreal, Canada. October 18, 1969.

39. "Clinical liver transplantation." Touro Infirmary Alumni Day. New Orleans, Louisiana. November 1, 1969.

40. "Organ transplantation." Phoenix Surgical Society. Phoenix, Arizona. November 4, 1969.

41. Moderator of session discussing various surgical topics. Colorado Chapter, American College of Surgeons. Denver, Colorado. November 7, 1969.

42. "Early diagnosis and treatment of rejection in liver transplantation." Symposium on organ transplantation. Fundacao Bienal de Sao Paulo. Sao Paulo, Brazil. November 27, 1969.

43. "Kidney and liver transplantation." University of the Witwatersrand Medical School. Johannesburg, South Africa. December 4, 1969.
44. "Kidney and liver transplantation." University of Natal Medical School. Durban, South Africa. December 9, 1969.
45. "Liver transplants." 164<sup>th</sup> Annual Convention of the Medical Society of the State of New York combined with the New York State Society of Internal Medicine. New York, New York. February 11, 1970.
46. "Liver transplantation in man." 17<sup>th</sup> National Congress of the Association of Operating Room Nurses. Anaheim, California. February 24, 1970.
47. "The use of living donors in kidney transplantation in man." Central Surgical Association. Detroit, Michigan. February 17, 1970.
48. "Two liver transplant patients, two and six years later." Midwinter Clinics, Colorado State Medical Society. Denver, Colorado. March 14, 1970.
49. "Malignant tumors in renal homograft recipients." The Society for Clinical Surgery. Denver, Colorado, March 20, 1970.
50. "Immunosuppression in organ transplantation." 73<sup>rd</sup> Meeting of the American Laryngological, Rhinological and Otolological Society, Inc. Hollywood Beach, Florida. April 21, 1970.
51. "Tumors and Transplantation." Pediatric Surgery Workshop, Children's Hospital. Denver, Colorado. April 24, 1970.
52. "Liver transplantation." Tricounty Surgical Society of Southern California. Ontario, California. May 14, 1970.
53. "Fertility and pregnancy in kidney transplant recipients." 22<sup>nd</sup> Annual Meeting of the Continental Gynecologic Society. Colorado Springs, Colorado. June 30, 1970.
54. "De novo malignant tumors in organ transplant recipients." 3<sup>rd</sup> International Meeting of the Transplantation Society. The Hague, Netherlands. September 8, 1970.
55. "Liver transplantation." Chirurgische Universitäts-Klinik. Bonn, West Germany. September 12, 1970.
56. "Human transplantation procedures." American Gynecological Club. Denver, Colorado. October 2, 1970.
57. "Clinical value of histocompatibility typing." Post-graduate Course on Basic Science in Transplantation Biology for Surgeons. American College of Surgeons, 56<sup>th</sup> Annual Clinical Congress, Chicago, Illinois. October 13, 1970.

58. "Complications of immunosuppression." 20<sup>th</sup> National Congress of the Italian Society of Plastic and Reconstructive Surgery. Taormina, Sicily. October 16, 1970.
59. a) "Immunosuppressive techniques in clinical transplantation."  
b) "Clinical hepatic transplantation."  
State University of New York, Upstate Medical Center. Syracuse, New York. October 23-24, 1970.
60. "Malignant tumors in transplanted patients." Southwest Missouri Chapter of the American College of Surgeons. Denver, Colorado. October 29, 1970.
61. "Organ transplantation." American Medical Record Association. Colorado Springs, Colorado. November 4, 1970.
62. a) "Kidney transplantation."  
b) "Complications of immunosuppression."  
c) Panel discussion "Organ Procurement."  
Kidney Transplantation Seminar. University of New Mexico School of Medicine. Albuquerque, New Mexico. November 13, 1970.
63. "Liver transplantation." Western Surgical Association. Colorado Springs, Colorado. November 18, 1970.
64. "Liver transplantation in man." 2<sup>nd</sup> International Cancerologica and Gastroenterological Convention. Hospital Privado Modelo. Buenos Aires, Argentina. November 21, 1970.
65. "Immunosuppression." Hospital Rawson. Buenos Aires, Argentina. November 23, 1970.
66. "Immunosuppression agents – recent developments." 5<sup>th</sup> Annual Meeting, American Society of Hospital Pharmacists. Anaheim, California. December 10, 1970.
67. a) "Complications of Immunosuppression."  
b) "Liver Transplantation."  
Visiting Professor of Surgery, Case Western Reserve University and Cleveland Metropolitan General Hospital. Cleveland, Ohio. March 26-27, 1971.
68. "Current status of liver transplantation." Sequoia Hospital, Redwood City, California. March 29, 1971.
69. "Kidney transplantation." Televised Panel Discussion. American College of Physicians Meeting. Denver, Colorado. March 31, 1971.
70. "The role of nuclear medicine in human organ transplantation." 5<sup>th</sup> Annual Symposium Society of Nuclear Medical Technologists. Denver, Colorado. April 2, 1971.
71. "Surgical treatment of chronic liver disease in children." 72<sup>nd</sup> Annual Meeting. American Gastroenterological Association. May 14, 1971.
72. "Malignant tumors in organ transplant recipients." General Rose Hospital. Denver, Colorado. June 8, 1971.

73. Panelist in a workshop on "Immunosuppression: Antilymphocyte serum." 1<sup>st</sup> International Congress of Immunology. Washington, DC. August 4, 1971.
74. "Liver transplantation in management of liver failure." 6<sup>th</sup> Annual Convention of the National Medical Association. Philadelphia, Pennsylvania. August 10, 1971.
75. Member of panel discussion on:
- a) "Management of Chronic Renal Failure"
  - b) "Immunosuppression"
  - c) "Management of Chronic Liver Failure"
- Symposium on organ failure sponsored by the American College of Physicians and the Royal College of Physicians and Surgeons of Canada. Halifax, Nova Scotia, Canada. September 8-10, 1971.
76. "Organ transplantation and its neurological complications." Western Neurosurgical Society 17<sup>th</sup> Annual Meeting. Colorado Springs, Colorado. November 2, 1971.
77. "Acute pancreatitis and hyperamylasemia in kidney homograft recipients." Central Surgical Association. Chicago, Illinois. March 2, 1972.
78. "Malignant tumors in organ transplant recipients." Veterans Administration Research Hospital. Chicago, Illinois. March 3, 1972.
79. "Kidney transplantation." 42<sup>nd</sup> Annual Meeting of the Southern Society of Clinical Surgeons. Denver, Colorado. April 11, 1972.
80. a) "Transplant Surgery: Current donor and recipient problems."  
b) Member of panel discussion on "Crisis of Dying."  
Iowa Medical Society Annual Meeting. Des Moines, Iowa. April 24, 1972.
81. a) "Hepatitis in renal transplant recipients"  
b) "A summary of the status of de novo cancer in transplant recipients."  
c) "Liver transplantation."  
d) Panel member "Renal transplantation: Recipient acceptability."  
e) Panel member "The development of cancer in transplant patients."  
f) Panel member "Long term results in retransplant patients."  
g) Panel member "Primary transplants: Long-term results."  
h) Panel member "Liver transplantation."  
i) Panel member "Cardiac transplantation."  
1<sup>st</sup> International Symposium on Clinical Organ Transplantation. Richmond, Virginia. May 22-24, 1972.
82. a) "Abdominal complications of transplantation."  
b) "Long-term results of renal transplantation."  
2<sup>nd</sup> Annual Meeting of the North Central Dialysis and Transplant Society. Madison, Wisconsin. June 16-17, 1972.

83. "Candidates and efficacy of liver transplants for liver failure." 121<sup>st</sup> Annual Convention – American Medical Association. June 18, 1972.
84. a) "Experience in orthotopic liver transplantation: Indications, results and future prospects."  
b) "Development of malignant tumors in organ transplant recipients." 1<sup>st</sup> International Symposium of Liver Transplantation. Bonn, Germany. June 24-25, 1972.
85. "Liver transplantation." University of Pretoria. Pretoria, South Africa. July 3, 1972.
86. "Immunosuppression and cancer." 4<sup>th</sup> International Congress of the Transplantation Society. San Francisco, California. September 25, 1972.
87. "The effect of immunosuppression on cancer." 7<sup>th</sup> National Cancer Conference. Los Angeles, California. September 28, 1972.
88. a) "Kidney transplantation."  
b) "Cancer in organ homograft recipients."  
c) Chairman of panel on "Pulmonary complications of organ transplantation."  
Fall Scientific Assembly (28<sup>th</sup> Annual Meeting), American College of Chest Physicians. Denver, Colorado. October 23, 1972.
89. "Immunosuppression and neoplasia." Mount Sinai Medical School. New York, New York. November 21, 1972.
90. Visiting lecturer, Veterans Administration Hospital, Richmond, Virginia and Medical College of Virginia. "Carotid artery injuries." December 8-9, 1972.
91. a) "Complications of immunosuppression."  
b) Panel discussion "What's new in transplantation."  
79<sup>th</sup> Annual Meeting of the Association of Military Surgeons of the United States. San Antonio, Texas. December 13, 1972.
92. "Results of renal transplantation."  
Wisconsin Surgical Club. Denver, Colorado. March 12, 1973.
93. "Results of renal transplantation in strange disease." VA Workshop in Chronic Renal Disease. Boston, Massachusetts. April 5, 1973.
94. a) "Liver transplantation."  
b) "The interrelationships between transplantation and oncology."  
Chicago Medical School. Chicago, Illinois. April 18, 1973.
95. a) "Cancer in organ transplant recipients."  
b) "Cancer in patients on immunosuppressive therapy."  
c) Panel discussion "Changing concepts in the management of breast carcinoma."  
Annual Meeting Colorado Chapter American College of Surgeons. Colorado Springs, Colorado. April 27-28, 1973.
96. "The effect of immunosuppression on cancer." Rocky Mountain Section Society for Experimental Biology and Medicine. Denver, Colorado. May 19, 1973.

97. "Malignancies in recipients of organ transplants." Seventh Miles International Symposium on "The role of immunological factors in viral and oncogenic processes." Johns Hopkins Hospital. Baltimore, Maryland. June 1, 1973.
98. "Immunosuppression and cancer." Otero County Medical Society. La Junta, Colorado. June 14, 1973.
99. "The use of cadaver and living donors in renal transplantation." North Central Dialysis and Transplant Society 5<sup>th</sup> Annual Meeting. Iowa City, Iowa. June 24, 1973.
100. a) Panel discussion "Present status and future prospects of xenografts."  
b) "Complications of immunosuppression with special reference to the development of tumors."  
c) Panel discussion "resent status and future prospects of xenografts."  
6<sup>th</sup> Congress of the Organ Transplantation Society. Varese, Italy. September 13-14, 1973.
101. "Occurrence of cancer including alimentary tract cancer in immune deficiencies." American Cancer Society's Second National Conference on Cancer of the Colon and Rectum. Bal Harbor, Florida. September 27, 1973.
102. "Malignant disease in immunodeficient states in man." 5<sup>th</sup> International Symposium Gesellschaft zur bekampfund der Krebskrankheiten Nordrhein-Westfalen E.V. and European Organization for Research on Treatment of Cancer. Dusseldorf, West Germany. November 9, 1973.
103. "Organ transplantation immunology." 2<sup>nd</sup> International Congress of the Mexican Society of Immunology. Villahermosa, Mexico. November 21, 1973.
104. a) "Immunosuppression and cancer."  
b) Alfred A. Strauss Memorial Lecture. "The current status of organ transplantation."  
6<sup>th</sup> Western Hemisphere Congress of the International College of Surgeons. Chicago, Illinois. November 28, 1973.
105. "Chemical immunosuppression and human cancer." National Conference on Virology and Immunology in Human Cancer. New York, New York. November 30, 1973.
106. "The management of closed and penetrating wounds of the abdomen." Committee on Trauma, American College of Surgeons seminar on life saving measures for the critically injured. Denver, Colorado. December 13, 1973.
107. a) "A comparison of living related and cadaver donor kidneys."  
b) Moderator of panel discussion on "Moral and ethical aspects of renal transplantation."  
c) "Organ transplantation."  
Rotary Mid-South Kidney Seminar. Memphis, Tennessee. January 26, 1974.
108. "Malignancy in the immunosuppressed organ transplant recipient." Grand Rounds videotaped for the AMA teaching files. Denver, Colorado. February 5, 1974.

109. "Cancer in organ transplant recipients." In Sixieme Cours International de Transplantation, University Claude Bernard. Lyon, France. May 21, 1974.
110. "Liver transplantation." Transplantation Society of Northeastern Ohio, Inc. Cleveland, Ohio. May 28, 1974.
111. "Malignancies in organ transplant recipients."  
a) Case Western Reserve University (Lakeside Hospital). Cleveland, Ohio.  
b) Mount Sinai Hospital, Cleveland, Ohio. May 29, 1974.
112. "The incidence of malignancies in transplant recipients." Symposium on Cancer and Transplantation. Roswell Park Memorial Institution. Buffalo, New York. June 8, 1974.
113. a) "Cancer in immunosuppressed patients."  
b) Co-Chairman of session dealing with "Immunosuppression and neoplasia."  
5<sup>th</sup> International Congress of the Transplantation Society. Jerusalem, Israel. August 26-30, 1974.
114. Participant in National Cancer Institute Workshop, "Physical and chemical carcinogenesis and the immune system." Reston, Virginia. September 23-24, 1974.
115. "Renal transplantation." Ninth Panhellenic Congress of Surgery. Athens, Greece. October 15, 1974.
116. a) "Penetrating wounds of the neck."  
b) Panel discussion on "Abdominal trauma."  
Committee on Trauma, American College of Surgeons Seminar on the "Care of the critically ill and injured." Denver, Colorado. December 13, 1974.
117. "Second malignant neoplasms associated with immunosuppressive medications." National Cancer Conference on the Delayed Consequences of Cancer Therapy: Proven and Potential. Orlando, Florida. January 9, 1975.
118. "Renal transplantation." Workshop on "Chronic renal disease and implications for vocational rehabilitation." Denver, Colorado. February 4, 1975.
119. a) "De novo tumors in transplantation patients."  
b) Participant in a symposium on "Problems in kidney transplantation."  
c) "Liver transplantation."  
Milwaukee County General Hospital. Milwaukee, Wisconsin. March 14-15, 1975.
120. "The effect of immunosuppression on cancer." American Society of Head and Neck Surgery. Atlanta, Georgia. April 9, 1975.
121. a) "Air embolism as a complication of subclavian vein catheterization."  
b) "Prepancreatic and preduodenal portal vein."  
Colorado Chapter of the American College of Surgeons. Colorado Springs, Colorado. April 18, 1975.

122. "The present status of organ transplantation." Swedish Hospital. Denver, Colorado. May 16, 1975.

123. "Immunosuppression and cancer of mice and men." Tumor-Immunology of Denver Group, National Jewish Hospital. Denver, Colorado. May 22, 1975.

124. "Cancer in immunosuppressed patients." 29<sup>th</sup> Annual Rocky Mountain Cancer Conference. July 18, 1975.

125. Member of panels discussing:

- a) "Diet (including hyperalimentation)."
- b) "Peptic ulcer disease."
- c) "Treatment/tests on the horizon."
- d) "Controversial G.I. operations."

in "Clinical Gastroenterology: Current topics and controversies." University of Colorado School of Medicine, Post-graduate Course. Aspen, Colorado. August 4-8, 1975.

126. "Accelerated induction of skin cancers by ultraviolet radiation in hairless mice treated with immunosuppressive agents." Surgical Forum, American College of Surgeons. San Francisco, California. October 13, 1975.

127. "Penetrating wounds of the neck." Symposium on care of the critically ill and injured. Colorado Committee on Trauma of the American College of Surgeons. Denver, Colorado. December 11, 1975.

128. "Cancer in immunosuppressed patients." Plastic Surgery Research Council, 21<sup>st</sup> Annual Meeting. Denver, Colorado. February 2, 1976.

129. "Postoperative wound infections." Symposium on "Infection control in the small rural hospital." University of Colorado School of Nursing. Denver, Colorado. May 17, 1976.

130. "Kidney transplantation." Conference of Surgical Service Chiefs, Veterans Administration District #24. Denver, Colorado. June 10, 1976.

131. Member of panel on "Jaundice – Medical vs. Surgical." University of Colorado Internal Medicine Symposium. Estes Park, Colorado. July 19, 1976.

132. "The development of cancer as a complication of clinical transplantation." 6<sup>th</sup> International Congress of the Transplantation Society. New York, New York. August 27, 1976.

133. "Tumors in transplantation subjects." Symposium on Genes and Cancer, Roswell Park Memorial Institute. Buffalo, New York. October 30, 1976.

134. a) "Management of patients with acute renal failure."

- b) "Kidney transplantation."
- c) "Cancer in immunodeficient states."

- d) "Immunobiology of organ transplantation."  
18<sup>th</sup> International Congress of the Pan American Medical Association. (Ecuadorian Chapter)  
Guayaquil, Ecuador. October 5-6, 1976.
135. "Immunodeficient states and malignancy." 11<sup>th</sup> International Congress of the International  
Academy of Pathology. Washington, DC. October 20, 1976.
136. "New Frontiers in organ transplantation." Pan American Medical Association. 50<sup>th</sup>  
Anniversary Congress. Hollywood, Florida. October 28, 1976.
137. a) "Liver transplants for advanced cancer."  
b) Panel discussion on management of patients with various types of malignancies. Newark  
Beth Israel Medical Center. Newark, New Jersey. November 4, 1976.
138. a) "Management of a perforated duodenal ulcer."  
b) "Postgastrectomy syndromes."  
in Symposium "Gastric Surgery: The Quiet Revolution." University of Colorado Medical  
Center. Denver, Colorado. November 11-12, 1976.
139. a) "Cancer in transplant patients."  
b) Chairman of a session on "Transplantation."  
American Society of Nephrology 9<sup>th</sup> Annual Meeting. Sheraton Park Hotel, Washington, DC.  
November 23, 1976.
140. a) "Liver transplantation."  
b) "The present status of organ transplantation."  
22<sup>nd</sup> National Medical Congress. San Salvador, El Salvador. December 4, 1976.
141. Visiting Professor of Surgery, Naval Medical Hospital. Lima, Peru. December 6, 1976  
through January 4, 1977.  
a) "Organ transplantation"  
b) "Liver transplantation."  
c) "Cancer in immunosuppressed patients."  
d) "Complications of immunosuppression."  
e) "Surgical infections."  
f) "Management of abdominal trauma."  
g) "Operative treatment of peptic ulcer."  
h) "Management of perforated duodenal ulcer."  
i) "Postgastrectomy syndromes."  
j) "Portal hypertension."  
k) "Hiatus hernia."  
l) "Abscesses and fistulae in ano."  
m) "The acute abdomen"  
n) "Peritonitis."  
o) Participant in a Symposium on "Donation of organs for transplantation."
142. a) "The Drapanas shunt."  
b) Seminar on "Portocaval shunt."  
c) Seminar on "Inflammatory bowel disease."

“Horizons in Surgery” program. University of Colorado School of Medicine. Aspen, Colorado. January 16-19, 1977.

143. “Cancer in organ transplant recipients.” 143<sup>rd</sup> Annual Meeting of the American Association for the Advancement of Science. Denver, Colorado. February 22, 1977.

144. a) “Penetrating injuries of the neck.”

b) Panel discussion on Trauma, particularly of the head and neck. Symposium on “Care of the critically ill and injured.” Colorado Committee on Trauma of the American College of Surgeons. Denver, Colorado. March 10, 1977.

145. “Surgery of the spleen.” Swedish Hospital. Denver, Colorado. May 20, 1977.

146. “Transplantation in patients with primary renal malignancies.” 3<sup>rd</sup> Annual Meeting, American Society of Transplant Surgeons. Chicago, Illinois. June 4, 1977.

147. “Digestive problems following operation for peptic ulcer disease.”

In University of Colorado School of Medicine post-graduate program on “Management of Surgical Complications.” Denver, Colorado. June 9, 1977.

148. “Cancer in immunosuppressed patients.” Pediatric Oncology Section, National Cancer Institute. Bethesda, Maryland. June 16, 1977.

149. Visiting Professor of Surgery, Hadassah University Hospital. Jerusalem, Israel. September 6-15, 1977.

a) “Renal transplantation.”

b) “Complications of gastric surgery.”

c) “Liver transplantation.”

d) “Surgical infections.”

150. “Liver transplantation.” Tel Hashomer Hospital (Tel Aviv University School of Medicine). Tel Aviv, Israel. September 15, 1977.

151. Internal Medicine Post-graduate Day (Peptic Ulcer Disease) Panel Discussion on “Surgical treatment of duodenal ulcer.” Denver, Colorado. December 9, 1977.

152. a) “Complications of immunosuppressive drugs.”

b) Panel discussion on “Complications of thermal injuries.” Symposium on “The management of patients with thermal injuries.” Colorado Committee on Trauma of the American College of Surgeons. Denver, Colorado. December 17, 1977.

153. Surgical Consultant to the Veterans Administration Hospital. Cheyenne, Wyoming. January 11, 1978.

a) Ward rounds with surgical staff.

b) “Organ transplantation.”

154. a) “Management of colorectal cancer.”

b) Moderator of a session dealing with general surgical and urologic topics.

c) Participant in seminar on “Post-gastrectomy complications.”

d) “Risk factors in surgery – immunosuppression.”

Horizons in Surgery Course, University of Colorado. Vail, Colorado. January 16-17, 1978.

155. "Indications for surgical intervention in peptic ulcer disease." In "Family Practice Review", University of Colorado School of Medicine, Denver, Colorado. January 28, 1978.

156. a) "Immunobiology of kidney transplantation."

b) "Kidney transplantation and immunosuppressive therapy."

Symposium on "Current Concepts in Kidney Disease." Maricopa County General Hospital. Scottsdale, Arizona. March 10-11, 1978.

157. "Indications for surgical intervention in peptic ulcer disease." In "Family Practice Review", University of Colorado School of Medicine. Denver, Colorado. March 18, 1978.

158. "Penetrating wounds of the neck." In "Care of the critically ill and injured." Colorado Committee on Trauma of the American College of Surgeons. Denver, Colorado. March 21, 1978.

159. Visiting Professor of Transplantation Surgery, Wilford Hall USAF Medical Center and University of Texas Health Science Center. San Antonio, Texas. March 28-29, 1978.

160. a) "Late complications of gastric surgery."

b) Rounds with residents and staff.

c) "Malignancies in patients receiving immunosuppressive or cancer chemotherapy."

Visiting Professor of Surgery, State University of New York, Upstate Medical Center. Syracuse, New York. May 5-6, 1978.

161. "Kaposi's sarcoma in organ transplant recipients." American Society of Transplant Surgeons. Chicago, Illinois. June 3, 1978.

162. "Transplantation and tumor immunology." American Society for Medical Technology, 46<sup>th</sup> Annual Meeting. Denver, Colorado. June 14, 1978.

163. "Indications for surgical intervention in peptic ulcer disease." University of Colorado School of Medicine. Family Practice Review. Estes Park, Colorado. June 17, 1978.

164. "Tumor incidence in human allograft recipients." 7<sup>th</sup> International Congress of the Transplantation Society. Rome, Italy. September 7, 1978.

165. a) "The Celiac Band Syndrome – does it exist?"

b) Panel discussion on "Mesenteric vascular insufficiency."

c) "Infection and neuropathic foot."

d) Panel discussion of the "Diabetic foot."

3<sup>rd</sup> Annual Vascular Surgery Symposium, University of Colorado Medical Center, Denver, Colorado. September 27, 1978.

166. "Indications for surgical intervention in peptic ulcer disease." University of Colorado School of Medicine, Family Practice Review. Denver, Colorado. October 21, 1978.

167. Rounds with surgical residents of Louisiana State University, Charity Hospital. New Orleans, Louisiana. November 17, 1978.

168. "Horizons in Surgery" Continuing Education Course, University of Colorado Medical Center. Vail, Colorado. January 15-16, 1979.
- a) Moderator "Symposium on gastrointestinal cancer."
  - b) "Immunobiology of cancer: Lessons from the transplant service."
  - c) Moderator and panelist "Colostomies and ileostomies."
169. "Surgical or medical treatment: Peptic ulcer disease." Family Practice Review, University of Colorado. Denver, Colorado. January 25, 1979.
170. "Malignant tumors in organ transplant recipients." 5<sup>th</sup> Seminar in Urology-Nephrology, Pitie-Salpetriere Hospital. Paris, France. January 30, 1979.
171. a) "Malignant tumors in organ transplant recipients."  
b) "Liver transplantation."  
c) Discussion of research papers presented by staff. University of Rennes. Rennes, France. February 1, 1979.
172. "Surgical or medical treatment: Peptic ulcer disease." Family Practice Review, University of Colorado. Denver, Colorado. March 15, 1979.
173. "Penetrating injuries of the neck." Symposium on "The planning of care and management of the injured patient." Sponsored by the University of Colorado. Denver, Colorado. March 29, 1979.
174. University of Manitoba. Winnipeg, Manitoba, Canada. March 30-31, 1979. 4<sup>th</sup> Annual Surgical Research Symposium.
- a) "Iatrogenic malignancies in organ transplant recipients."
  - b) "Experiences of an itinerant surgeon."
  - c) "Scientific spinoff from organ transplantation."
175. American College of Surgeons, Spring Meeting. Denver, Colorado. April 2-4, 1979.
- a) Co-leader of workshop on "Basis of fluid and electrolyte physiology and therapy."
  - b) Co-leader of workshop on "Metabolic complications of fluid and electrolyte imbalance."
  - c) Co-leader of workshop on "Pulmonary complications of fluid and electrolyte imbalance."
  - d) Co-leader of workshop on "Diseases of the small bowel and colon."
176. "The concept of sexuality and the nursing complications in the transplant patient." 3<sup>rd</sup> Annual Transplant Coordinators Workshop. Chicago, Illinois. May 31, 1979.
177. "Cancer in the immunosuppressed patient." 18<sup>th</sup> Annual Kidney Disease Symposium, Kidney Foundation of Michigan. Kalamazoo, Michigan. June 9, 1979.
178. "Surgical or medical treatment: Peptic ulcer disease." Family Practice Review, University of Colorado. Estes Park, Colorado. June 14, 1979.

179. a) "Cancer in patients treated with immunosuppressive or cancer chemotherapeutic agents."  
b) Directed Mortality and Morbidity Conference.  
Northport Veterans Administration Medical Center and State University of New York at Stonybrook. June 21-22, 1979.
180. "The Diabetic Foot." University of Colorado Medical Center. August 2, 1979.
181. "Leukemias and lymphomas associated with the use of cytotoxic and immunosuppressive drugs." 5<sup>th</sup> Meeting, International Society of Haematology (European and African Division). Hamburg, Germany. August 29, 1979.
182. "Malignancies in organ transplant recipients." Medizinische Hochschule. Hanover, West Germany. August 31, 1979.
183. "Complications of immunosuppressive therapy." Northport Veterans Administration Medical Center and State University of New York at Stonybrook. September 20, 1979.
184. a) "Raynaud's disease."  
b) Panel discussion on "Small vessel occlusive disease."  
c) Moderator of a session on "Aneurysms."  
4<sup>th</sup> Annual Vascular Surgery Symposium, University of Colorado School of Medicine. Denver, Colorado. September 25-26, 1979.
185. "Surgical or medical treatment: Peptic ulcer disease." Family Practice Review, University of Colorado. Denver, Colorado. October 11, 1979.
186. "Indications for surgical treatment of peptic ulcer disease." Memorial Hospital. Colorado Springs, Colorado. November 6, 1979.
187. "Tumors in immunosuppressed nontransplant patients and second malignancies in patients receiving cancer chemotherapy." Combined Medical and Surgical Tumor Conference, Harvard-New England Deaconess Hospital. Boston, Massachusetts. November 8, 1979.
188. "Tumors in organ transplant recipients." Joint Harvard Surgical Service, New England Deaconess Hospital. Boston, Massachusetts. November 8, 1979.
189. "Surgical treatment of chronic pancreatitis." University of Colorado Health Sciences Center. Denver, Colorado. November 19, 1979.
190. "Transplantation and neoplasia." University of Miami. Miami, Florida. December 3, 1979.
191. "Factors affecting rehabilitation of renal transplant recipients." National Workshop on Vocational Rehabilitation and End Stage Renal Disease. Sponsored by Emory University RTC and George Washington University RTC. Denver, Colorado. December 11, 1979.
192. "The Diabetic Foot." Horizons in Surgery. Continuing Medical Education Course. University of Colorado School of Medicine. Vail, Colorado. January 18, 1980.

193. Horseshoe kidney and abdominal aortic aneurysm." 1<sup>st</sup> Meeting Rocky Mountain Vascular Surgical Society. Denver, Colorado. January 25, 1980.

194. "Renal transplantation in children." Beth Israel Hospital, Urology Symposium. Vail, Colorado. February 12, 1980.

195. "Second malignancies following radiotherapy or chemotherapy for cancer." International Symposium on Immuno-Pharmacologic Effects of Radiotherapy. European Organization for Research on Treatment of Cancer. Montpellier, France. March 15, 1980.

196. "Penetrating injuries of the neck." The J. Cuthbert Owens Symposium on the "Early care of the injured patient." The Colorado Hand Surgery Education and Research Foundation and the Veterans Administration. Denver, Colorado. March 18, 1980.

197. "Some contributions of transplantation to our knowledge of cancer." 1<sup>st</sup> International Symposium on the Impact of Transplantation on Contemporary Biology and Medicine. Jerusalem, Israel. April 29, 1980.

198. "The immunosuppressed patient." 4<sup>th</sup> Annual Surgical Symposium Association of VA Surgeons. Alexandria, Virginia. May 13, 1980.

199. "Malignancies in immunosuppressed patients." National Jewish Hospital. Denver, Colorado. May 28, 1980.

200. "Parenthood following renal and hepatic transplantation." 6<sup>th</sup> Annual Meeting American Society of Transplant Surgeons. Chicago, Illinois. May 30, 1980.

201. "Management of the diabetic foot." Memorial Hospital. Colorado Springs, Colorado. June 3, 1980.

202. a) "Parenthood in kidney and liver transplant recipients."

b) Poster display "Malignant lymphomas in organ transplant recipients."

c) Co-Chairman of a session of "Clinical immunosuppression."

8<sup>th</sup> International Congress of the Transplantation Society. Boston, Massachusetts. June 30 – July 4, 1980.

203. "Complications of gastrectomy and vagotomy." La Junta Medical Center. La Junta, Colorado. August 22, 1980.

204. "The surgeon and the immunocompromised patient." Surgical Grand Rounds, University of Colorado Health Sciences Center. September 4, 1980.

205. "Amputations for vascular disease." 5<sup>th</sup> Annual Vascular Surgery Symposium. University of Colorado School of Medicine. Denver, Colorado. September 22, 1980.

206. Member of the working group of the International Agency for Research on Cancer evaluating "The carcinogenic risk of antineoplastic and immunosuppressive agents." World Health Organization. Lyon, France. October 14-21, 1980.

207. Co-Chairman of a session on "Transplantation." Clinical Dialysis and Transplant Forum, National Kidney Foundation. Washington, DC. November 22, 1980.

208. a) "Amputation in the vascular patient."

b) "The defenseless patient."

Horizons in Surgery Post-graduate Course, University of Colorado School of Medicine. Vail, Colorado. January 22-23, 1981.

209. a) "Management of the diabetic foot."

b) "The acute abdomen."

Fort Lyon Veterans Administration Medical Center. Fort Lyon, Colorado. February 18, 1981.

210. a) "Update on surgical procedures in peptic ulcer disease."

b) "Update on inflammatory bowel disease."

Poudre Valley Memorial Hospital. Fort Collins, Colorado. March 10, 1981.

211. a) Chairman of Morning Scientific Session.

b) "Cancer in immunosuppressed patients."

The Hodgden Surgical Society. Denver, Colorado. March 18, 1981.

212. "Why amputations for vascular insufficiency fail." Surgical Grand Rounds, University of Colorado Health Sciences Center. Denver, Colorado. April 16, 1981.

213. "Malignancies in organ transplant recipients." University of Minnesota School of Medicine, Minneapolis, Minnesota. May 14, 1981.

214. "Renal transplantation and cancer." 8<sup>th</sup> International Congress of Nephrology. Athens, Greece. June 9, 1981.

215. "Sexual function and parenthood after renal and hepatic transplantation." University of Minnesota School of Medicine. Minneapolis, Minnesota. August 27, 1981.

216. "Portal hypertension: Choice of portosystemic decompressive shunt." 6<sup>th</sup> Annual Vascular Surgery Symposium, University of Colorado School of Medicine. Denver, Colorado. September 22, 1981.

217. "Angioaccess procedures: Shunt plus fistula as an opening gambit." 6<sup>th</sup> Annual Vascular Surgery Symposium, University of Colorado School of Medicine. Denver, Colorado. September 24, 1981.

218. "Sexual dysfunction in the ESRD patient. Dialysis and transplant." Middle Mountain Region of the American Association of Nephrology Nurses and Technicians Annual Meeting. Keystone, Colorado. October 3, 1981.

219. "Bile duct carcinomas." Horizons in Surgery Course, University of Colorado School of Medicine. Vail, Colorado. January 17, 1982.

220. "Current trends in one day surgery." 28<sup>th</sup> Annual Family Practice Review, University of Colorado School of Medicine. Denver, Colorado. February 25, 1982.

221. "Cancer and transplantation." 7<sup>th</sup> Annual Meeting of the North American Transplant Coordinators Organizations. San Antonio, Texas. May 27, 1982.
222. "Renal transplantation in patients with pre-existing malignancies." 9<sup>th</sup> International Congress of the Transplantation Society. Brighton, England. August 24, 1982.
223. "Allograft Transplant Cancer Registry" Course on "Immune deficiency, Epstein-Barr virus and lymphoproliferative disorders." University of Nebraska Medical Center. Omaha, Nebraska. September 17, 1982.
224. a) "Malignancy in chronic renal failure."  
b) Co-Chairman of a session "Cardiac surgery in chronic renal failure."  
Member of the Scientific Committee International Symposium: Surgery in chronic renal failure. Essen, Federal German Republic. February 24-26, 1983.
225. "Post-transplant malignancies." The Ohio Valley Renal Disease Network 1983 Semi-Annual Professional Symposium. Lexington, Kentucky. March 30, 1983.
226. a) Co-Chairman of conference organizing committee and co-chairman of a scientific session.  
b) "Cancer in immunosuppressed patients."  
1<sup>st</sup> International Conference on Carcinogenesis, Immunology and Transplantation. Roswell Park Memorial Institute. Buffalo, New York. April 25-27, 1983.
227. "Lymphoma" 1<sup>st</sup> International Congress on Cyclosporine. Houston, Texas. May 18, 1983.
228. "Contribution of transplantation to our knowledge of cancer." University of Colorado School of Medicine. Centennial Week – Thomas E. Starzl Surgical Symposium. Denver, Colorado. May 27, 1983.
229. a) Chairman of a session dealing with complications of transplantation.  
b) "Cancer in transplant patients." Symposium on Recent Advances in Organ Transplantation.  
Hacettepe University Medical Center. Ankara, Turkey. June 8-10, 1983.
230. "Clinical relevance of cytostatic related secondary tumors." 13<sup>th</sup> International Congress of Chemotherapy. Vienna, Austria. August 30 – September 2, 1983.
231. "Consequences of immunosuppression." NIH Immunotoxicology Workshop National Institute of Environmental Health Sciences. Research Triangle Park, North Carolina. October 17, 1983.
232. "Cancer in transplant patients." American Kidney Fund, Nephrology Conference. Boston, Massachusetts. October 21-22, 1983.
233. "Malignancies in immunosuppressed patients." Medical Grand Rounds, University of Cincinnati, Cincinnati, Ohio. November 2, 1983.
234. a) "The acute abdomen."  
b) "Peptic ulcer."

- c) "Inflammatory bowel disease."
- d) "Pancreatitis."
- e) "Carcinoma of the colon."
- f) "Jaundice."
- g) "Biliary tract surgery."
- h) "Portal hypertension."

Visiting Professor of Gastroenterology, Autonomous University of Guadalajara. Guadalajara, Mexico. November 13-18, 1983.

235. "Biliary tract surgery." Jewish Hospital, Cincinnati, Ohio. December 21, 1983.

236. "What's new in transplantation?" CME for Family Practiced Physicians, University of Cincinnati Medical Center. Cincinnati, Ohio. February 19, 1984.

237. "Oncogenesis in immunosuppressed patients." Jikei University, School of Medicine, Tokyo, Japan. September 21, 1984.

238. "Mechanisms of malignant development after transplantation." 20<sup>th</sup> Annual Meeting of the Japanese Society for Transplantation. Tokyo, Japan. September 22, 1984.

239. "Cancers in immunosuppressed patients." 32<sup>nd</sup> Annual Meeting of the Surgical Biology Club I, San Francisco, California. October 21, 1984.

240. a) "The neoplastic consequences of immunodepression."

b) Panel member "The health implications of immunotoxicological problems and perspectives."

Commission of the European Communities. International Seminar on the Immunological System as a Target for Toxic Damage. Luxembourg. November 6-9, 1984.

241. Visiting Professor, William Beaumont Hospital, Royal Oak, Michigan. November 19-20, 1984.

a) Grand Rounds and Resident Presentation.

b) "Cancer in immunosuppressed patients."

242. "Current status of transplantation." Jewish Hospital, Cincinnati, Ohio. January 23, 1985.

243. "Increased tumor incidence in immunosuppressed organ transplant recipients." Institute for Medical Research, Camden, New Jersey. February 7, 1985.

244. "Transplantation as an alternative to dialysis." Kidney Foundation of Greater Cincinnati and the Ohio Valley Section of the American Association for Clinical Chemistry, Cincinnati, Ohio. February 23, 1985.

245. "Cancer in immunosuppressed patients." Surgical Grand Rounds, University of Illinois, Chicago, Illinois. June 1, 1985.

246. "Transmission of cancer with donor organs." Second International Symposium on Organ Procurement. Detroit, Michigan. October 4, 1985.

247. "Cancer is a complication of prolonged immunosuppression." American College of Surgeons 71<sup>st</sup> Annual Clinical Congress. Chicago, Illinois. October 15, 1985.
248. a) "Neoplastic consequences of transplantation and chemotherapy."  
b) Co-Chairman of a session on "Immunodeficiency risk factors."  
International Symposium on Immunobiology of Cancer and Allied Immune Dysfunctions (International Society for Preventive Oncology and Danish Cancer Society). Copenhagen, Denmark. November 5-6, 1985.
249. "Cancer in Organ Transplant Recipients." Danish Society of Nephrology. Odense, Denmark. November 7, 1985.
250. First International Congress of the Middle East Dialysis and Organ Transplant Foundation. Istanbul, Turkey. November 17-20, 1985.  
a) "Cancer in organ transplant recipients."  
b) "Parenthood in renal transplant recipients."  
c) Co-Chairman of a session on "Transplantation."  
d) Panel member on "Organ Sharing."
251. "Drug therapy induced malignancies." Joint meeting of the International Agency for Research on Cancer and the German Cancer Research Center. Heidelberg, Federal German Republic. November 25, 1985.
252. "Kidney transplantation following treatment of tumor." European Society for Organ Transplantation. Second Congress. Munich, Federal Republic of Germany. November 27, 1985.
253. "Infections and neoplastic consequences of immunosuppression." Society of Toxicology of Canada, 18<sup>th</sup> Annual Symposium. Ottawa, Canada. December 3, 1985.
254. "Cancer in organ transplant recipients." Henry Ford Hospital, Detroit, Michigan. February 8, 1986.
255. "Cyclosporine and oncogenesis." Conference on "Cyclosporine: 1986 and beyond." Mount Sinai Medical Center, New York, New York. April 5, 1986.
256. Leader of a team of U.S. surgeons visiting surgical facilities in Budapest (Hungary), Prague (Czechoslovakia), Zagreb and Dubrovnik (Yugoslavia), May 10-24, 1986. Gave the following lectures:  
a) "Access procedures for dialysis."  
b) "Surgical management of chronic pancreatitis."  
c) "Major organ transplantation."  
d) "Cancer in immunosuppressed patients."  
e) "Cardiovascular complications of parenteral drug abuse."  
f) "Cancers of head of pancreas and bile ducts."  
g) "Management of diabetic foot problems."
257. "Liver transplantation." Member of University of Cincinnati Transplant Team presenting Medical Grand Rounds, Good Samaritan Hospital, Cincinnati, Ohio. May 28, 1986.

258. "Cancers following cyclosporine therapy." Twelfth Annual Scientific Meeting of the American Society of Transplant Surgeons. Chicago, Illinois. May 30, 1986.
259. "Neoplastic consequences of immunosuppression." Fourth Annual Spring Meeting, Ohio Valley Chapter of the Society of Toxicology. Cincinnati, Ohio. May 31, 1986.
260. Eleventh International Congress of the Transplantation Society, Helsinki, Finland. August 3-8, 1986.
261. "Lymphomas complicating transplantation." Sixteenth International Congress of the International Academy of Pathology and Seventh World Congress of Academic and Environmental Pathology. Vienna, Austria. September 5, 1986.
262. "Cancer in immunosuppressed patients." Symposia Medica Hoechst – The Nature, Cellular, and Biochemical Bases and Management of Immunodeficiencies. Bernreid, Federal German Republic. September 23, 1986.
263. Leader of a team of U.S. surgeons who visited surgical facilities in the Soviet Union including the National Center of Surgical Research (Moscow), the National Center of Surgical Research (Tashkent), and City Hospital #20 (Leningrad). October 22 – November 6, 1986. Gave the following lectures:
- a) "Surgical management of chronic pancreatitis"
  - b) "Access procedures for dialysis"
  - c) "Major organ transplantation"
  - d) "Cancer in immunosuppressed patients"
  - e) "Cardiovascular complications of parenteral drug abuse"
  - f) "Management of diabetic foot problems"
  - g) "Cancers of the pancreas and bile ducts"
264. "Renal transplantation in cancer patients." Meeting on Dialysis and Transplantation to honor the retirement of Prof. J. Traeger. Lyon, France. November 13, 1986.
265. "Cancer in long term dialysis and transplant patients." Gambro Symposium on Long Term Survival in Chronic Renal Failure – Dialysis and Transplantation. Lyon, France. November 14-15, 1986.
266. Visiting Professor of Surgery, McMaster University, Hamilton, Ontario, Canada. December 2-3, 1986.
- a) "Malignant melanoma" McMaster Student Surgical Society.
  - b) "Cancer in immunosuppressed patients" Surgical Grand Rounds.
267. "Pre- and post-transplant malignancies." North American Transplant Coordinators Organization, First Annual Southwest Regional Conference. Dallas, Texas. March 5, 1987.
268. "Neoplasms in immunosuppressed patients on conventional immunosuppressive therapy and on cyclosporine." Symposium on Organ Transplantation 1987. Kidney Foundation of Greater Cincinnati and Sandoz Pharmaceutical Company, Cincinnati, Ohio. March 20, 1987.

269. "Cancers in immunosuppressed patients." Central New York Surgical Society Winter Meeting. Syracuse, New York. March 26, 1987.
270. International Society for Preventive Oncology: Second International Symposium on Immunobiology in Clinical Oncology and Immune Dysfunctions. Nice, France. April 4-7, 1987.
- a) "Secondary neoplasms as a consequence of transplantation and cancer therapy."
  - b) Co-Chairman with Dr. R.L. Souhami on a session on Immunotherapy-Patient Management.
  - c) Co-Chairman with Dr. R.A. Good on a session on Bone Marrow Transplantation.
271. "Cancer in the immunosuppressed patient." North American Transplant Coordinators Organization – Transplant Clinical Coordinators Update 1987. Indianapolis, Indiana. April 24, 1987.
272. Annual meeting of the Colorado Chapter of the American College of Surgeons and the Colorado Division of the American Cancer Society. Colorado Springs, Colorado. May 15, 1987.
- a) "Complications in immunosuppressed patients."
  - b) "Cancer in immunosuppressed patients."
273. DuPont Visiting Professor of Surgery. Made rounds at several hospitals in Southern Ontario including McMaster University Hospital, Oakville-Trafalgar Memorial Hospital, Welland General Hospital and St. Catherine's General Hospital. Ontario, Canada. May 20-22, 1987.
- a) "The management of foot problems in the diabetic patient" to Surgical Residents at McMaster University.
  - b) "Diagnosis and management of adrenal masses" to Southern Ontario Surgical Society.
274. "Malignancies in transplantation." North American Transplant Coordinators Organization. 12<sup>th</sup> Annual Conference. Philadelphia, Pennsylvania. July 2, 1987.
275. International Organ Transplant Forum. Pittsburgh, Pennsylvania. September 8-11, 1987.
- a) "Cancers following cyclosporine therapy."
  - b) Dr. T.E. Starzl – The Denver Years
276. West Virginia Chapter of the American College of Surgeons. West Virginia University Medical Center, Morgantown, West Virginia. October 16-17, 1987.
- a) "The development of cancer in the immunosuppressed patient."
  - b) "The problem of the diabetic foot."
277. Leader of a team of U.S. surgeons who visited surgical facilities in Australia and New Zealand including the Essendon and District Memorial Hospital, Melbourne, Australia and Green Lane Hospital, Auckland, New Zealand. October 29 – November 14, 1987.
- a) "Management of diabetic foot problems."
  - b) "Diagnosis and management of adrenal masses."
  - c) "Access procedures for dialysis."
  - d) "Surgical management of chronic pancreatitis."
  - e) "Cancer of the pancreas."
  - f) "Major organ transplantation."
  - g) "Cancers in immunosuppressed patients."

278. All Americas Health 1987 – Conference sponsored by the University of South Florida, Tampa, Florida. November 16-17, 1987.

a) “Occurrence of malignancies in clinically immunosuppressed organ transplant recipients.”

b) “Treatment of cancers that occur in chemically immunosuppressed patients.”

279. “Disease transmission in donor screening protocols: Malignant diseases.” Seminar sponsored by the American Association of Tissue Banks and American Council on Transplantation. Clearwater Beach, Florida. November 19, 1987.

280. “Donor transmitted cancers.” Third International Symposium on Organ Procurement. Barcelona, Spain. December 2, 1987.

281. Harvard Medical School Course “Renal Transplantation. Clinical Therapy and Management.” Boston, Massachusetts. March 31, 1988.

a) “Neoplasms in the allograft recipients.”

b) Case presentation of de novo neoplasm and panel discussion.

282. “Malignancies in transplant recipients.” Conference on Issues in Transplantation and Organ Procurement ’88. Nashville, Tennessee. April 14, 1988.

283. “Cancer and the chemically suppressed immune system.” New Jersey State Commission on Cancer Research Conference on New Frontiers in Cancer Research. Princeton, New Jersey. April 22, 1988.

284. “Infections and cancer in transplantation.” American Nephrology Nurses’ Association 19<sup>th</sup> National Symposium. Reno, Nevada. May 2, 1988.

285. “Malignancy in the transplant patient.” Surgical Grand Rounds, Medical College of Wisconsin. Milwaukee, Wisconsin. May 11, 1988.

286. “Malignancy.” First Canadian Conference on Cardiac Transplantation. Ottawa, Ontario, Canada. May 14, 1988.

287. Conference on Immunointervention in Autoimmune Diseases. Paris, France. June 15-17, 1988.

a) “Cancer is a long-term hazard of immunosuppression therapy.”

b) Introductory speaker and co-chairman of session on “Side effects of immunosuppressants.”

288. “Hepatic Transplants.” Surgical Grand Rounds, Wright State University and Miami Valley Hospital, Dayton, Ohio. October 8, 1988.

289. “Patient selection for monoclonal antibody therapy: High risk patients.” American Society of Transplant Physicians Consensus Conference “The Prophylactic Use of Monoclonal Antibodies in Renal Transplantation.” St. Louis, Missouri. October 21, 1988.

290. a) Visiting Professor Kidney Transplant Units: Southwestern University and Methodist Hospital, Dallas, Texas. November 8-9, 1988.  
b) "Malignancies in organ transplant recipients." Dallas Transplant Institute, Dallas, Texas. November 8, 1988.
291. "Cancers in immunosuppressed transplant patients." Third Annual Symposium: Critical Issues in Organ Transplantation." The Multi-Organ Transplant Center of the Methodist Hospital and Baylor College of Medicine, Houston, Texas. November 10, 1988.
292. "Transplantation of the Liver." Surgical Grand Rounds, University of Cincinnati Medical Center, Cincinnati, Ohio. January 11, 1989.
293. "Alcoholic cirrhosis and the use of organ transplantation." Fourth Annual Professional Meeting Ohio Solid Organ Transplantation Consortium. Columbus, Ohio. February 18, 1989.
294. "Neoplasms in the allograft recipient." Harvard Medical School, Course on Renal Transplantation. Clinical Therapy and Management. Boston, Massachusetts. March 31, 1989.
295. a) "Lymphoproliferative diseases in disorders of the immune system."  
b) Rapporteur and Co-Chairman of two sessions dealing with the immunobiology of cancer. Third International Symposium on Immunobiology in Clinical Oncology. Nice, France. April 9-11, 1989.
296. "Neoplasia and transplantation" Conference Leo Ambard (Conference Nephrologique Annuelle), Strasbourg, France. May 3, 1989.
297. "Tumors in transplant patients." The New York Pathological Society. New York, New York. September 21, 1989.
298. Visiting Professor of Surgery, Albany Medical College, Albany, New York. October 11-12, 1989.  
a) "Vascular access for hemodialysis."  
b) "The development of malignancies in the transplant population" (Surgical Grand Rounds).
299. "Current status of solid organ transplantation." Surgical Grand Rounds, Miami Valley Hospital, Dayton, Ohio. October 14, 1989.
300. "Cancer in the immunosuppressed organ recipient." Second Pan American Congress of Dialysis and Transplantation. San Juan, Puerto Rico. November 15-19, 1989.
301. "Post-transplant malignancies." Northeast Ohio Transplantation Society, Cleveland, Ohio. January 8, 1990.
302. "Oncologic problems in the era of tertiary therapies." Course on "Challenges in Renal Transplantation." University of Southern California School of Medicine. Los Angeles, California. February 24, 1990.

303. "Tumor induction under the influence of immunosuppression." Heart Transplant Unit, Academisch Ziekenhuis, Utrecht, the Netherlands. March 8, 1990.
304. a) "Transmission of cancer from donor kidneys."  
b) "Neoplasms in transplantation."  
c) Co-chairman of a session on "Transplant Complications."  
The Second International Congress of the Middle East Society for Organ Transplantation. Kuwait City, Kuwait. March 11-15, 1990.
305. "Post-transplant malignancies." Department of Internal Medicine, Cairo University. Cairo, Egypt. March 19, 1990.
306. a) "Malignancies in the renal allograft recipient."  
b) Case discussions of post transplant malignancies.  
Harvard Medical School Course on "Renal Transplantation – Clinical Therapy and Management." Boston, Massachusetts. April 20, 1990.
307. "Liver transplantation as treatment for hepatic malignancy." Ohio Solid Organ Transplantation Consortium, Fifth Annual Professional Meeting. Toledo, Ohio. April 21, 1990.
308. a) "Kidney cancers and skin cancers including Kaposi's sarcoma."  
b) "Possible causes of cancer in transplantation patients."  
c) "Clinical preventive measures"  
d) "Summary and Conclusions."  
Symposium on "De Novo Cancers in Organ Transplant Patients", German Cancer Research Center, Heidelberg, West Germany. May 28-29, 1990.
309. "Generic complications of immunosuppression – malignancy", American Society of Transplant Surgeons. First Postgraduate Course. Chicago, Illinois. June 2, 1990.
310. a) Co-chairman of session on "Long-term results of cyclosporine therapy."  
b) "The changing pattern of post-transplant malignancies." 13<sup>th</sup> International Congress of the Transplantation Society. San Francisco, California. August 19-24, 1990.
311. "Cancer is a complication of organ transplantation." The Halsted Society, 64<sup>th</sup> Annual Meeting. Cincinnati, Ohio. September 14, 1990.
312. "Malignancies complicating transplantation." Annual Visiting Professor of the Canadian Transplantation Society. Toronto, Canada. September 15, 1990.
313. "Malignancies in organ transplant recipients." Cleveland Clinic Nephrology Conference, Cleveland, Ohio. September 28, 1990.
314. "Incidence of malignancy in transplant patients." 15<sup>th</sup> Renal Symposium, Kidney Foundation of Ohio, Cleveland, Ohio. September 28, 1990.
315. "Current status of organ transplantation." Surgical Grand Rounds, Jewish Hospital, Cincinnati, Ohio. February 2, 1991.

316. "Transplantation." Kentucky Academy of Family Physicians, Lexington, Kentucky. February 3, 1991.
317. "Immunosuppression: Current and future update on OKT3 for livers/pancreas", 6<sup>th</sup> Annual Professional Meeting of the Ohio Solid Organ Transplantation Consortium, Columbus, Ohio. February 23, 1991.
318. "Hepatic transplantation for primary and metastatic cancers of the liver." Forty-eighth Annual Meeting, Central Surgical Association, Indianapolis, Indiana. March 8, 1991.
319. a) "Post-transplant management and complications: Neoplasms."  
b) Case discussions and panel member on diagnosis and management of post-transplant complications. Course on "Renal Transplantation. Clinical Therapy and Management." Harvard Medical School, Boston, Massachusetts. April 4, 1991.
320. "Neoplasms in the immunologically modulated patient." In "Organ Transplants in Children: A Perspective for the 90's." Temple University School of Medicine and St. Christopher's Hospital for Children. April 7, 1991.
321. a) Visiting Professor to the organ transplant program.  
b) "De novo malignancies following organ transplantation." University of California, San Francisco. April 17, 1991.
322. "Opportunistic malignancies in organ transplant recipients." In Symposium on "Causes, Consequences and Cures of Lymphoproliferative diseases." University of Nebraska Medical Center, Omaha, Nebraska. May 10, 1991.
323. University of Montreal – Hospital Maisonneuve-Rosemont.  
a) Surgical Grand Rounds – "Carcinomas in organ transplant recipients."  
b) Case discussions.  
c) Medical Grand Rounds – "Carcinomas in organ transplant recipients." Montreal, Canada. May 23, 1991.
324. University of Montreal – Hospital Notre Dame. Medical Grand Rounds: "Carcinomas in organ transplant recipients." Montreal, Canada. May 23, 1991.
325. McGill University and Royal Victoria Hospital, Montreal, Canada. May 24, 1991.  
a) Participation in annual research day.  
b) "Immunosuppression and post-transplant malignancies."
326. "Cancer and transplantation." Transplantation workshop, Stratford-Upon-Avon, England. May 30, 1991.
327. Symposium in immunosuppression and lymphoproliferative diseases. Cincinnati, Ohio. June 7, 1991.  
a) Moderator of meeting.  
b) Introduction.  
c) "Immunosuppression: A contributing factor in lymphoma formation."  
d) Summary and conclusions.

328. Visiting Professor of Transplant Surgery, Dalhousie University and Victoria General Hospital, Halifax, Canada. June 12-13, 1991.
- a) "Incidence and types of cancer in transplant recipients."
  - b) "Pre-transplant malignancies and transmission of cancer with solid organ transplants."
  - c) Participant in several conferences and rounds.
329. "Donor transmitted disease: Cancer." First International Congress: The Society for Organ Sharing. Rome, Italy. June 21, 1991.
330. "The effect of renal transplantation in patients with a remote history of curative cancer therapy." Workshop on cellular immune mechanisms and tumor dormancy. Ottawa General Hospital, Ottawa, Canada. October 2, 1991.
331. "Tumors after pediatric transplantation." In postgraduate course "Pediatric Surgery: The Current Status of Organ Transplantation in Children." 77<sup>th</sup> Annual Clinical Congress, American College of Surgeons, Chicago, Illinois. October 23, 1991.
332. "Immunosuppression and opportunistic tumors: Do viruses play a role? Sixth Annual Meeting Immunoincontri, London, England. November 9, 1991.
333. "Non-renal complications of immunosuppression." 24<sup>th</sup> Annual Meeting, American Society of Nephrology, Baltimore, Maryland. November 19, 1991.
334. Visiting Professor of Surgery, University of Rochester School of Medicine, Rochester, New York. January 3-4, 1992.
- a) "Transmission of cancer with donor organs; Management of Renal transplant recipients with pre-existing malignancies."
  - b) Case discussion with General Surgery residents.
  - c) Grand Rounds: "Malignancies in organ transplant recipients."
  - d) Transplant rounds.
335. "Malignancies in organ transplant recipients." Medical College of Virginia, Richmond, Virginia. January 6, 1992.
336. "Tumors after renal and cardiac transplantation." Symposium on therapy-related second malignancies. Brigham and Women's Hospital, Boston, Massachusetts. January 10, 1992.
337. "Malignancies in organ transplant recipients." Surgical Grand Rounds, Cleveland Clinic, Cleveland, Ohio. January 13, 1992.
338. "Malignancies in organ transplant recipients." Transplantation Society of Northeast Ohio, Cleveland, Ohio. January 13, 1992.
339. "Malignancies in organ transplant recipients in the cyclosporine era." 18<sup>th</sup> Annual Seminaires d'Uro-Nephrologie, Pitié-Salpêtrière, Paris, France. January 28, 1992.
340. "Malignancies after organ transplantation." Universitaire Ziekenhuis, Leuven, Belgium. January 29, 1992.

341. a) Transplant rounds.  
b) "Cancers in organ transplant recipients."  
College of Physicians and Surgeons of Columbia University, New York, New York. February 25, 1992.
342. "Neoplastic complications." Course on renal transplantation: Clinical therapy and management."  
Harvard Medical School, Boston, Massachusetts. March 3, 1992.
343. "Monoclonal antibodies and the development of post-transplant malignancies in cardiac allograft recipients." In symposium on "Current Perspectives on Monoclonal Antibody Therapy in Heart Transplantation." Sponsored by the International Society for Heart and Lung Transplantation, San Diego, California. April 1, 1992.
344. a) Surgical Grand Rounds  
(i) "Liver transplantation – current concepts and management."  
(ii) "Cancer in organ transplant recipients."  
b) Mock American Board of Survey examination given to three senior residents.  
Conemaugh Memorial Hospital, Johnstown, Pennsylvania. April 15, 1992.
345. a) "Lymphomas – An increasing problem in transplantation."  
b) Co-chairman of session on Clinical Kidney Transplantation, American Society of Transplant Physicians, Chicago, Illinois. May 26, 1992.
346. "Effect of immunosuppression on pre-existing cancers." American Society of Transplant Surgeons, Chicago, Illinois. May 29, 1992.
347. "The cancer question. Implications of donor history and a look at the occurrence of cancer in transplant recipients." Translife Conference on "The marginal donor. Exploring the outer parameters." Orlando, Florida. June 30, 1992.
348. a) "Effect of immunosuppression on pre-existing cancers in renal transplant recipients."  
b) Co-chairman of session on "Complications of immunosuppression: Malignancies".  
Fourteenth International Congress of the Transplantation Society, Paris, France. August 19, 1992.
349. "Neoplastic complications of transplantation." Postgraduate course, 58<sup>th</sup> Annual International Scientific Assembly, American College of Chest Physicians, Chicago, Illinois. October 25, 1992.
350. "Neoplasia in transplantation." The Medical Schools of New York. Second Annual Postgraduate Course: Transplantation. New York, New York. November 4, 1992.
351. "The diabetic foot." Grand Rounds, the Holzer Clinic, Gallipolis, Ohio. December 4, 1992.
352. "Concerns about monoclonal antibody therapy." Conference on "Transplantation: A Calculated risk". Indiana University Medical Center, Indianapolis, Indiana. January 7, 1993.
353. "Cancer in organ transplant recipients. Methodist Hospital of Indiana, Indianapolis, Indiana. January 8, 1993.

354. "Tumors in immunosuppressed patients." Surgical Grand Rounds, New England Deaconess Hospital and Harvard Medical School, Boston, Massachusetts. February 3, 1993.
355. "Malignancies in transplant patients." Brigham and Women's Hospital and Harvard Medical School course on solid organ transplantation. Boston, Massachusetts. February 3, 1993.
356. "Neoplastic complications of immunosuppressive drug therapy" course on "Immunosuppressive drug development and transplantation science." Food and Drug Administration, Rockville, Maryland. February 12, 1993.
357. "Cancers in organ transplant recipients." Second International Transplant Nurses Society Symposium. Dallas, Texas. February 20, 1993.
358. "Malignancies in organ transplant recipients." Surgical Grand Rounds, Northwestern University Medical School, Chicago, Illinois. February 23, 1993.
359. "Incidence and treatment of post-transplant neoplasia." Second Loma Linda International Conference on Pediatric Heart Transplantation." Rancho Mirage, California. March 12, 1993.
360. a) "Depressed immunity and cancer development"  
b) Chairman of session on "Growth factors"  
International Society for Preventive Oncology, Eighth International Symposium on Prevention and Detection of Cancer, Nice, France. March 17, 1993.
361. W. Wallace Greene, Lecturer, St. Luke's Hospital, Kansas City, Missouri. March 26-27, 1993:  
a) Discussion of patients with residents and students, Truman Medical Center and University of Missouri, Kansas City.  
b) Discussion of patients with residents and students, St. Luke's Hospital.  
c) "Cancer as a complication of organ transplantation." St. Luke's Hospital.
362. "Cancer in organ transplant recipients." Transplantation Grand Rounds, Mayo Clinic, Rochester, Minnesota. April 19, 1993.
363. "Malignancies in organ transplant recipients." Renal Clinical Conference, Massachusetts General Hospital, Boston, Massachusetts. April 21, 1993.
364. "Malignancy after transplantation." Harvard Medical School course on "Renal Transplantation: Clinical Therapy and Management." Boston, Massachusetts. April 22, 1993.
365. "De Novo tumors in pediatric organ transplant recipients." Twenty-fourth Annual Meeting, American Pediatric Surgical Association, Hilton Head, South Carolina. May 17, 1993.
366. "Donor transmitted disease: Cancer and the organ recipient." Lifelink symposium – A new wave in transplantation. St. Petersburg Beach, Florida. May 27, 1993.

367. a) Discussion of patients with pre- and post-transplant cancers – Cleveland Clinic.  
b) “Implications of our current donor pool – the risk of transmitting cancer from donor to recipient.”  
LifeBanc Forum, Cleveland, Ohio. June 23, 1993.
368. “Cancers complicating organ transplantation.” St. Luke’s Episcopal Hospital and Texas Heart Institute, Houston, Texas. June 29, 1993.
369. “De Novo tumors in pediatric organ transplant recipients.” First International Congress on Pediatric Transplantation, Minneapolis, Minnesota. August 30, 1993.
370. “Cancer in the liver recipient.” Second Congress of the International Live Transplantation Society, Toronto, Canada. October 8, 1993.
371. The Barney and Dorothy Hokin Surgical Lectureship. Cedars-Sinai Medical Center, Los Angeles, California. November 1, 1993.  
a) Grand Rounds – “De Novo cancers in immunosuppressed patients, particularly organ transplant recipients.”  
b) Hokin Lectureship – “Cancer screening in potential organ transplant recipients.”  
c) Liver transplant rounds.  
d) Cardiac transplant rounds.
372. a) Co-chairman of plenary session.  
b) “Precautions to be taken to prevent transmission of neoplastic diseases in the grafting process.”  
Colloquium on organ and tissue transplantation in the E.U.”: Management of difficulties and health risks linked to the donors. Brussels, Belgium. December 7, 1993.
373. Visiting Professor in transplantation, Hopital Erasme, Brussels, Belgium, December 7, 1993.
374. “Cancers in organ allograft recipients.” Nephrology and Transplant Surgery Group of Northwest England, Manchester Royal Infirmary, Manchester, England. March 18, 1994.
375. “Malignancy and transplantation.” United Kingdom Nephrology Senior Registrar Club meeting, Manchester, United Kingdom. March 19, 1994.
376. “Development of malignancies in organ transplant and immunocompromised patients.” Surgical Grand Rounds, Hahnemann University, Philadelphia, Pennsylvania. March 26, 1994.
377. “Post-transplant malignancies in pediatric organ transplant recipients.” The Third International Congress on Cyclosporine, Seville, Spain. March 29, 1994.
378. “Malignancy: long term follow-up.” Third Annual Spring Clinical Nephrology meetings of the National Kidney Foundation, Chicago, Illinois. April 9, 1994.
379. “Primary kidney tumors before and after renal transplantation.” American Society of Transplant Physicians, Chicago, Illinois. May 18, 1994.

380. "Central nervous system lymphomas in organ allograft recipients." American Society of Transplant Surgeons, Chicago, Illinois. May 20, 1994.
381. Visiting Professor, Washington Hospital Center, Washington, DC. August 29-30, 1994.  
a) Participant in General Surgery and Transplantation Conferences.  
b) Surgical Grand Rounds: "Cancers in Immunodeficient Patients."
382. The Osler Institute General Surgery Board Review Course.  
a) Immunology for surgeons  
b) Transplant surgery  
c) Kidney and liver transplants  
Cincinnati, Ohio. September 14, 1994.
383. "Cancer in the transplant patient – Report of the National Registry." Methodist Medical Center. Transplantation'94 Symposium, Dallas, Texas. September 23, 1994.
384. Poster presentation "Post-transplant de novo tumors in liver allograft recipients." American Association for the Study of Liver Disease. Forty-fifth Annual Meeting, Chicago, Illinois. November 12, 1994.
385. "Donor transmitted diseases." Fourteenth Workshop of the AIDSPIT Study Group of the European Association for the Study of Diabetes. Igls, Austria. January 31, 1995.
386. "Tumoral diseases and transplants." International Symposium "Positive and negative factors in organ donation and transplantation. Madrid, Spain. February 14, 1995.
387. "Prevention of transmission of cancer from donors to recipients." DCI Donor Services Meeting, Phoenix, Arizona. February 24, 1995.
388. Visiting Professor, Mount Sinai School of Medicine, New York, New York, February 28-March 1, 1995.  
a) Rounds on kidney and liver transplant services.  
b) General Surgery Grand Rounds. "Management of diabetic foot problems."  
c) General Surgery Grand Rounds. "The problem of cancer in immunosuppressed patients."
389. "Post-transplant lymphoproliferative disease." St. Louis Area Transplant Seminar. St. Louis, Missouri. March 14, 1995.
390. "Sarcomas in organ allograft recipients." 14<sup>th</sup> Annual Meeting American Society of Transplant Physicians, Chicago, Illinois. May 16, 1995.
391. "Malignant melanoma in organ allograft recipients." 21<sup>st</sup> Annual Meeting, American Society of Transplant Surgeons, Chicago, Illinois. May 19, 1995.
392. "Epidemiology of cancer in transplant patients." Université Claude Bernard, 27<sup>th</sup> International Conference on Transplantation and Clinical Immunology, Lyon, France. May 22, 1995.

393. Debate with Dr. L.J. Swinnen on “When and how to transplant a patient previously treated for cancer or malignant hemopathy.” Université Claude Bernard, 27<sup>th</sup> International Conference on Transplantation and Clinical Immunology, Lyon, France. May 22, 1995.

394. “Transplantation and malignancy.” American Society for Histocompatibility and Immunogenetics, King’s Island, Ohio. June 2, 1995.

395. a) “Cancer – the impact on donors and recipients.”

b) Panel discussion “Allocation – is it fair?” 2<sup>nd</sup> Annual Symposium Focusing on Organ/Tissue Donation and Recipient Care, University of Michigan Organ Transplantation Center, Ann Arbor, Michigan. July 21, 1995.

396. “Cancers in cyclosporine-treated versus azathioprine-treated patients.” International Congress on New Immunosuppressive Drugs, Minneapolis, Minnesota. August 28, 1995.

397. “Cancer in organ allograft recipients.” Transplant Conference, University of Minnesota, Minneapolis, Minnesota. August 31, 1995.

398. Visiting Professor Medical College of Virginia

a) Rounds on Transplant Service.

b) “De Novo malignancies in organ allograft recipients.” Richmond, Virginia. November 1, 1995.

399. “Evaluation of the candidate with a previous malignancy”

The American Association for the Study of Liver Diseases and the International Liver Transplantation Society course on “The liver transplant evaluation: Linking risk factors and outcome.” Chicago, Illinois. November 3, 1995.

400. “Neoplasia: An example of plasticity of the immune response.” Cybercongress: Transplantation in the next millennium. Washington, DC. November 13, 1995.

401. “Development of tumors after organ transplantation.” Course entitled “Update in Transplantation.” Mount Sinai Medical Center, New York, New York. May 1, 1996.

402. “Transmission of cancer through organ transplantation: An overview.” American Congress on Organ Recovery and Donation. Nashville, Tennessee. May 13, 1996.

403. “Cancers complicating immunosuppressed states.” The Mont Reid Surgical Society of the University of Cincinnati, Cincinnati, Ohio. May 17, 1996.

404. Co-chairman of session on “Malignancies.” Sixteenth International Congress of the Transplantation Society, Barcelona, Spain. August 29, 1996.

405. Co-chairman of session on “Overview of epidemiology, risk factors, and clinical experience in post-transplant lymphoproliferative disorders.” International Consensus Development Meeting on EBV-induced post-transplant lymphoproliferative disorders (PTLD), Chicago, Illinois. May 10, 1997.

406. "Evolution of pre-transplant malignancies after transplantation." American Society of Transplant Physicians, Chicago, Illinois. May 12, 1997.
407. "Malignancies following transplantation." University of Padua, Padua, Italy. May 29, 1997.
408. a) Co-chairman of session on "Present results of retransplantation."  
b) "Risk of recurrence of post-transplant lymphoproliferative disease, Hodgkin's disease or Kaposi's sarcoma after retransplantation." Twenty-ninth International Conference on Transplantation and Clinical Immunology, Université Claude Bernard and Fondation Marcel Mérieux, Lyon, France. June 9-11, 1997.
409. "Malignancy in the transplant recipient." Division of Transplantation, University of Maryland, Baltimore, Maryland. September 2, 1997.
410. "Post-transplant neoplasia." Southeastern Organ Procurement Foundation, San Antonio, Texas. September 17, 1997.
411. "Selection of patients with pre-existing malignancies for transplantation." St. Bernadine Transplant Center, St. Bernardino, California. October 6, 1997.
412. "Pre-existing and de novo cancers in organ transplant recipients." Cedars-Sinai Medical Center, Los Angeles, California. October 7, 1997.
413. "Malignancies in organ allograft recipients." UCLA Medical Center (Liver Transplant Team), Los Angeles, California. October 7, 1997.
414. "Pre-existing and de novo tumors in transplant patients." St. Vincent's Medical Center and National Transplant Institute, Los Angeles, California. October 8, 1997.
415. "Cancers occurring before and after transplantation." University of Southern California, Los Angeles, California. October 8, 1997.
416. "Pre-existing and de novo malignancies in organ allograft recipients." UCLA Medical Center (Renal Transplant Team), Los Angeles, California. October 9, 1997.
417. "Post-transplant lymphomas." Internal Medicine Grand Rounds, Vancouver Hospital, Vancouver, British Columbia, Canada. October 16, 1997.
418. "Malignancies in the transplant population." B.C. Nephrology Day, Vancouver, British Columbia, Canada. October 17, 1997.
419. "What history of malignancies is acceptable for organ donation?" New England Organ Bank – Organ donor suitability round table, Hilton Head Island, South Carolina. November 10, 1997.
420. "Pre-existing and de novo malignancies in organ allograft recipients." University of Louisville, Louisville, Kentucky. January 30, 1998.

421. "Pre-existing and de novo malignancies in organ allograft recipients." The Kidney and Hypertension Center, Good Samaritan Hospital, Cincinnati, Ohio. February 20, 1998.
422. "Cancer in immunosuppressed patients." Surgical Grand Rounds, Wayne State University, Detroit, Michigan. March 14, 1998.
423. a) "Transmission of cancers from donors to recipients."  
b) "De novo cancers following organ transplantation."  
Fourteenth International Congress of Medicine ITESM, Monterrey, Mexico. April 17, 1998.
424. a) "Post-transplant malignancies"  
b) Co-chairman of a session on malignancies. Seventeenth World Congress of the Transplantation Society, Montreal, Canada. July 12-17, 1998.
425. "Pre-existing and de novo cancers in organ allograft recipients." University of California (San Diego), San Diego, California. August 10, 1998.
426. "Pre-existing and de novo cancers in organ allograft recipients." Sharp Memorial Hospital, San Diego, California. August 11, 1998.
427. "Pre-existing and de novo cancers in organ allograft recipients." Loma Linda University, Loma Linda, California. August 11, 1998.
428. "Pre-existing and de novo cancers in organ allograft recipients." Medical Grand Rounds, Veterans Affairs Medical Center, Loma Linda, California. August 12, 1998.
429. "De novo cancers in organ allograft recipients." St. Francis Medical Center, Honolulu, Hawaii. August 13, 1998.
430. "Evaluation of transplant candidates with pre-existing malignancies." St. Francis Medical Center, Honolulu, Hawaii. August 14, 1998.
431. "History of Transplantation." University of Colorado School of Medicine, Denver, Colorado, September 12, 1998.
432. "Post-transplant lymphoproliferative disease – the CTTR experience." ASTP/ASTS Post-transplant Lymphoproliferative Disease (PTLD) Conference, Bethesda, Maryland, November 12, 1998.
433. "Pre-existing and de novo cancers in organ allograft recipients." University of California (San Francisco) and Kaiser Permanente renal physicians and surgeons, San Francisco, California, January 19, 1999.
434. "De novo malignancies in organ allograft recipients." Renal Grand Rounds, University of California (San Francisco), San Francisco, California, January 20, 1999.
435. "Cancers occurring before and after transplantation." Santa Rosa Memorial Hospital, Santa Rosa, California, January 20, 1999.

436. "Cancers occurring before and after transplantation." University of California (Davis), Sacramento, California, January 20, 1999.
437. "Cancers occurring before and after transplantation." Stanford University Medical Center, Stanford, California, January 21, 1999.
438. "Transmission of cancer from organ donors and de novo malignancies in organ allograft recipients." California Pacific Medical Center, San Francisco, California, January 22, 1999.
439. "Kaposi's sarcoma in organ allograft recipients." Oxford Institute for Continuing Education, Dallas, Texas, January 23, 1999.
440. Visiting Professor, Wake Forest University
- a) "Posttransplant lymphoproliferative disorder"
  - b) "Surgical Grand Rounds – "Cancer and Transplantation"
  - c) "Evaluating living and cadaver donors with cancer"
  - d) Discussion of case presentation
- Winston Salem, North Carolina, February 9-10, 1999.
441. Seventh Annual Charles Eckert Lecturer, The Albany Medical College
- a) "Malignancy in the transplant population"
  - b) Discussion of case presentations by the surgical residents
- Albany, New York, September 9, 1999
442. "Malignancies following transplantation"
- The Israel Penn Transplant Fellows Symposium 1999 (Sponsors: University of Pittsburgh and Fujisawa Laboratories), Scottsdale, Arizona, October 29, 1999.

**BOOK AND JOURNAL REVIEWS**

1. The Craft of Surgery. (ed. Philip Cooper) Little Brown and Co., Boston, 1964. *Manitoba Medical Review*, 1965.
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