

## CURRICULUM VITAE

**NAME:** Gerald David Buckberg, M.D.

**ADDRESS:** Division of Thoracic & Cardiovascular Surgery  
David Geffen School of Medicine at UCLA  
Box 951741, Room 62-258 CHS  
Los Angeles, CA 90095-1741

### EDUCATION:

1957 B.S., Ohio State University  
Columbus, Ohio

1961 M.D., University of Cincinnati  
School of Medicine  
Cincinnati, Ohio

### INTERNSHIP AND RESIDENCY:

1961 - 1962 Intern in Surgery  
Johns Hopkins Hospital  
Baltimore, Maryland

1962 - 1963 Assistant Resident In Surgery  
Johns Hopkins Hospital  
Baltimore, Maryland

1963 - 1967 Resident in Surgery  
UCLA School of Medicine  
Los Angeles, California

1969 - 1971 Research Fellow  
Cardiovascular Research Institute  
University of California at San Francisco  
San Francisco, California

### MILITARY SERVICE:

1967 - 1969 Active Duty  
U.S. Air Force

**ACADEMIC APPOINTMENTS:**

1967 - 1974	Assistant Professor of Surgery UCLA School of Medicine Los Angeles, California
1974 - 1978	Associate Professor of Surgery UCLA School of Medicine Los Angeles, California
1978 – 2005	Professor of Surgery UCLA School of Medicine Los Angeles, California
2005 – Present	Distinguished Professor of Surgery David Geffen School of Medicine at UCLA Los Angeles, California

**HOSPITAL PRIVILEGES:**

Attending Surgeon  
UCLA Medical Center  
Los Angeles, California

Attending Surgeon  
Veterans Administration Hospital  
Los Angeles, California

Provisional Staff Privileges  
St. John's Hospital & Medical Center  
Santa Monica, California

**PROFESSIONAL CERTIFICATIONS:**

1962	National Board of Medical Examiners
1963	State of Maryland Board of Medical Examiners
1966	State of California Board of Medical Examiners
1968	American Board of Surgery
1968	Board of Thoracic Surgery, Recertified 1998

### PROFESSIONAL MEMBERSHIPS:

1968	Society of Academic Surgeons
1972	Society of University Surgeons
1973	Society for Vascular Surgery
1973	International Cardiovascular Society
1974	American Association for Thoracic Surgery
1974	American College of Surgeons
1975	Pacific Coast Surgical Association (R)
1975	Bay Surgical Society (R)
1977	American Surgical Association
1979	Society of Thoracic Surgeons
1980	Honorary Fellow, American College of Chest Physicians
1983	Honorary Member, The Association of Thoracic and Cardiovascular Surgeons of Asia

### HONORS AND AWARDS:

1955 - 1957	Ohio State University Scholarship Award
1957 - 1961	Frank S. Monnet Scholarship Award
1957 - 1961	Joseph Flower Scholarship Award
	Phi Chi Medical Fraternity
	Alpha Omega Alpha
1959	E.B. Ferris Award
1961	S.F. Hoffheimer Award
	Robert B. Monnet Scholarship Fund Award
	Eben J. Carey Memorial
1969 - 1971	NIH Special Research Fellowship
1977	John Keith Memorial Lecturer, Canadian Cardiovascular
	1980 Honorary Fellow
	American College of Chest Physicians
1978	2nd Annual Rumel Memorial Lectureship
1980	Honorary Fellow Award
	46th Annual Scientific Assembly, American College of Chest Physicians
1983	Honorary Member
	The Association of Thoracic and Cardiovascular Surgeons of Asia
1988	Henry Swan Visiting Professor
	University of Colorado
	Denver, Colorado
1989	10th Annual Morris Parker Visiting Professor
	Michael Reese Hospital & Medical Center, Chicago, Illinois

- 2000 Earl Bakken Scientific Achievement Award  
Presented at the Society of Thoracic Surgeons, February 1, 2000  
Ft. Lauderdale, Florida
- 2000 Daniel Drake Award  
University of Cincinnati, Cincinnati, Ohio
- 2000 Invited Basic Science Lecturer  
81<sup>st</sup> Annual Meeting  
AATS, San Diego, California
- 2001 Distinguished Alumni Award Recipient  
University of Cincinnati College of Medicine
- 2005 Freddie Award in Basic and Clinical Science  
(International Health & Medical Media Awards)  
for DVD of "The Helical Heart"
- 2007 AATS Scientific Achievement Award
- 2007 Honorary Degree, Doctor of Science  
Ohio State University
- 2007 Honorary Degree, Doctor of Science  
University of Cincinnati
- 2008 Gibbon Award for Outstanding Contribution to  
Science and Practice of Extracorporeal Circulation
- 2008 Longmire Legacy Award
- 2009 Honorary Membership in the German Society for Thoracic  
and Cardiovascular Surgery
- 2009 Clarence Crafoord Lecture, Denmark
- 2010 Associate Foreign Membership of French National Academy of Medicine
- 2015 RAMS Academician Bourakovsky Prize - Moscow

**PROFESSIONAL ACTIVITIES/COMMITTEES:**

CMRI Mortality Audit Committee  
UCLA Medical Center  
Los Angeles, California

External Advisory Committee  
University of Alabama  
Birmingham, Alabama

Student Scholarship Committee  
UCLA School of Medicine  
Los Angeles, California

Medical Student Thesis Program Committee  
UCLA School of Medicine  
Los Angeles, California

Center of Excellence for CardioVascular Biology and Medicine  
UCLA School of Medicine  
Los Angeles, California

**GRANTS:**

NIH Grant HL 16292  
"Surgical Reperfusion of the Ischemic Myocardium"  
Status: Principal Investigator  
Effective Dates: 1975-1999

American Heart Association Grant  
"Determinants of Ventricular O<sub>2</sub> Demand and Performance"  
Principal Investigator: Gerald D. Buckberg, M.D.  
Application: Jakob Vinten-Johansen, Ph.D.  
\$1,000  
Effective Dates: July 1, 1980 - June 30, 1981

Los Angeles County Heart Association  
Research Committee Award #476 (Grant-in-Aid)  
"The Effects of Ventricular Fibrillation on the Distribution  
and Adequacy of Coronary Blood Flow"  
Principal Investigator: Gerald D. Buckberg, M.D.  
\$14,502  
Effective Dates: September 1972 - August 1973

American Heart Association Research Award #509  
"The Effects of Hypothermia on the Distribution  
and Adequacy of Coronary Blood Flow"  
Principal Investigator: Gerald D. Buckberg, M.D.  
\$16,060  
Effective Dates: September 1, 1974 - August 31, 1975

American Heart Association Fellowship Grant No. 932 F1-1  
"Surgical Reperfusion of Ischemic Myocardium"  
Sponsor: Gerald D. Buckberg, M.D.  
Fellow: Georg Matheis, M.D.  
\$18,500  
Effective Dates: July 1, 1990 - June 30, 1991

American Heart Association Research Award # 533

“The Effects of Hypothermia on the Distribution  
and Adequacy of Coronary Blood Flow”

Sponsor: Gerald D. Buckberg, M.D.

Fellow: David Follette, M.D.

\$13,100

Effective Dates: July 1, 1976 - June 30, 1977

American Heart Association

“O<sub>2</sub> Demands of Cardiac Work and Developed Wall Stress”

Sponsor: Gerald D. Buckberg, M.D.

Fellow: Jakob Vinten-Johansen, Ph.D.

\$15,750

Effective Dates: July 1, 1980 – June 30, 1981

**EDITORIAL CONSULTANT:**

The Journal of Thoracic & Cardiovascular Surgery

Circulation

The Annals of Thoracic Surgery

**EDITORIAL ADVISOR:**

Advisory Editorial Board of the Journal of Thoracic & Cardiovascular Surgery

The Journal of Cardiothoracic and Vascular Anesthesia

## **BIOGRAPHY**

Dr. Gerald D. Buckberg is a Distinguished Professor of Surgery, Division of Cardiothoracic Surgery, at the David Geffen School of Medicine at UCLA. He received his Cardiothoracic training at Johns Hopkins Hospital in Baltimore, Maryland, and his research training at the Cardiovascular Institute at the University of California, San Francisco. He is a member of multiple surgical societies, including the American Association of Thoracic Surgery, American Surgical Association, and the Society of Thoracic Surgeons. His initial research interests centered in the area of myocardial protection and have led to the introduction of blood cardioplegia, which is currently used by over 85% of surgeons in the United States and 75% of surgeons worldwide. He has also developed techniques to simply, safely, and rapidly deliver cardioplegia solutions to allow their distribution to all segments of the heart and ensure their protective effects. In 1997, he organized the RESTORE team, an international group of cardiac surgeons and cardiologists that studied the effects of surgically rebuilding of the dilated spherical left ventricle following ischemic heart failure toward a normal conical shape. They found 70% 5-year survival in 1198 patients with advanced heart failure, compared to only 50% 2-year survival after conventional treatment. He has recently received the Scientific Achievement Award from the American Association of Thoracic Surgery. Previous recipients of this award make up an illustrious group of cardiac surgeons of worldwide eminence and include John Kirklin, Norman Shumway, Michael DeBakey, Denton Cooley and Alain Carpentier. Buckberg was selected for his significant contributions in the field of myocardial preservation and his study of the anatomy and functional changes that cause heart failure. The association cited his persistence in teaching other surgeons how to better protect the heart during heart surgery as one of the most important contributions to modern-day cardiothoracic surgery.

## **MILESTONES IN CARDIAC SURGERY AT UCLA**

### **Gerald D. Buckberg, M.D. Cardiothoracic Research Laboratory**

- a) 1978 - Introduced blood cardioplegia to "prevent" heart damage during the time needed for a quiet bloodless field for surgical precision. Mixes a chemical agent (potassium) with the patients blood to provide nourishment when cardioplegia is administered. Used by > 85% U.S. surgeons and 70% worldwide.
- b) 1981 - Introduced warm blood cardioplegia to "resuscitate" the heart before and after its blood supply is interrupted for surgical precision. Used by > 50% surgeons worldwide.
- c) 1983 - Showed that aggressive surgical treatment of patients in shock after acute heart attack, using abovementioned techniques, lowers surgical mortality from > 50% to < 10%. The mortality with medicine alone is > 70%.
- d) 1986 - Developed surgical method of treating acute myocardial infarction (heart attack) to restore immediate function to the jeopardized muscle. Non-surgical treatment only opens the artery, but doesn't restore contraction. This treatment involves a patented amino acid solution that is now used in routine heart surgery by 40% of surgeons in the U.S. The preliminary surgical results have recently been confirmed by a multi-center study in the U.S. and Europe, reported in 1992 at an International meeting.
- e) 1990 - Introduced simplified method to deliver cardioplegia retrograde through the coronary venous system without opening the heart. Now used by > 60% U.S. surgeons, and increasingly worldwide.
- f) 1992 - Introduced concept of "unintended reoxygenation injury" when blue babies (cyanotic) are placed on the heart lung machine (cardiopulmonary bypass) to correct the congenital defect causing cyanosis. This study called attention to the role of active interventions, including antioxidants, to limit this and provided the first evidence of a new biochemical pathway that causes this damage. This pathway is offset by the cardioplegic solutions used routinely in daily clinical practice that were developed at UCLA.
- g) 1994 - Introduced the concept of simultaneous delivery of cardioplegic solutions through the coronary arteries and veins. The safety of this approach is due to the unique way cardiac veins drain directly into the heart chambers. This improves the distribution of the cardioplegic solutions, makes them more protective during the operation, and have led to safer operations in the increasing number of high risk patients needing cardiac operations.



h) 1997 - Developed the RESTORE team, an international group (U.S., Europe, South America, Asia) to global application of a geometric cause of congestive heart failure. This concept of reshaping the left ventricle to restore size and contour has now been supported, as our results in >1100 patients were reported at the 2002 AHA meeting. This has dramatically reduced mortality and restored excellent quality of life in these patients.

i) 2000 - Received the first Lifetime Achievement Award the Society of Thoracic Surgeons for contributions to patient care and surgeons due to work on protecting the heart during open heart surgery.

j) 2000 - Led the development of an approved, \$45,000,000 NIH trial on a prospective international trial to treat Congestive Heart Failure by a novel geometric concept. This concept, employed by the RETORE team, was built upon the contributions of Vincent Dor, in Monaco. Dr. Buckberg was the co-principal investigator and directed the Surgical Therapy Committee.

k) 2001 - Gave the Basic Science Lecture on the “helix and the heart” and introduced a novel way of refocus of attention on cardiac structure and function, based upon a simple heart model containing an external wrap and an internal spiral forming a helix. This concept provides a paradigm shift in conventional thinking that may create a straightforward method, used routinely in surgical practice to deal with the leading cause of death in the U.S. and worldwide.

l) 2002 - Led an international Workshop at the NIH, regarding Cardiac structure and function, based upon the novel concept of both understanding and restoring the elliptical natural form of cardiac structure. Published a monograph of this concept, containing 20 papers that coordinate basic science with ongoing clinical application of new and fundamental changes in structure to make the spherical heart (like a basketball) become a more normal elliptical shape (like a football). Our successful use of this rebuilding has altered the prognosis of this devastating disease.

m) 2002 - Elected to the faculty of California Institute of Technology, to help co-direct their new Bioengineering Institute into more fully exploring the conceptual, mathematical and practical aspects of this model of cardiac form, which is the current centerpiece of their joined basic science and clinical effort. Became co-principal investigator of the new Grant application, requested of Caltech by the NIH, as the cornerstone of an upcoming major investigative effort to re think structure functional cardiac relationships, based upon this creative model.

n) 2002 - Has directed his surgical efforts to become a “mentor” to teach a novel approach to treating congestive heart failure. This work consists of being both visiting professor at major universities, organizing a collaborative RESTORE team in Asia and South and Central America (with representatives from leading centers in each country),

holding training sessions in various cities in the U.S. and visiting key sites to foster understanding of concept and teaching simple application of a reproducible surgical method.

- o) 2003 – Appointed Faculty Associate at Caltech to study the helical heart in their Bioengineering Option. This appointment is uncommon, and given each 2-3 years for individuals that will collaborate on innovative studies that expand the basic efforts at Caltech to interface with major disease entities.
- p) 2007– Received AATS Scientific Achievement Award for his seminal contributions in the field of myocardial preservation and elucidating the anatomy and pathophysiology of heart failure.
- q) 2007 – Received Honorary Doctor of Science Degree from Ohio State University and the University of Cincinnati.
- r) 2008 – Received Gibbon Award for Outstanding Contribution to Science and Practice of Extracorporeal Circulation.
- s) 2008 – Received Longmire Award for Outstanding Contribution to Science and Practice of Extracorporeal Circulation.
- t) 2009 – Received Honorary Membership in the German Society for Thoracic and Cardiovascular Surgery.
- u) 2009 – Delivered Clarence Crafoord Lecture to 12<sup>th</sup> European Congress on Extracorporeal Circulation Technology in Denmark
- v) 2010 - Received Membership as an Associate Foreign Member of the French National Academy of Medicine.
- w) 2015 – Received RAMS Academician Bourakovsky Prize in Moscow for the Development of New Approaches to the Disclosure of Mechanisms of Contraction of the Heart and Myocardial Protection

## LECTURES, CONFERENCES AND VISITING PROFESSORSHIPS

- 06/21/72 – 06/23/72      Invited Participant  
Los Angeles County Heart Association  
*3 Days of Cardiology for Nurses*  
Los Angeles, California  
“Drug Therapy”
- 10/20/72 – 10/21/72      Presentation of papers  
American College of Surgeons Meeting  
San Francisco, California
- 11/16/72 – 11/19/72      Presentation of papers  
American Heart Association, 45th Scientific Session  
Dallas, Texas
- 03/29/73 –03/30/73      Presentation of paper  
The Gregg Symposium, Washington, D.C.
- 04/16/73 – 04/18/73      Presentation of paper  
The American Association for Thoracic Surgery Meeting  
Dallas, Texas
- 05/21/73 – 05/24/73      Discussion and Evaluation on Prologue to Medicine Program  
Josiah Macy, Jr. Foundation Meeting  
Fort Lauderdale, Florida
- 05/31/73 – 06/02/73      Invited Speaker  
Department of Surgery  
University of Miami School of Medicine  
Conference and Workshop, Key Biscayne, Florida
- 06/20/73 –06/22/73      Invited Speaker  
The International Cardiovascular Society  
Toronto, Canada (North American Chapter)  
21st Scientific Meeting
- 09/23/73 –09/29/73      Invited Guest Speaker  
The International Society of Surgeons, Barcelona, Spain
- 10/15/73 –10/19/73      Presentation of papers  
American College of Surgeons, 59th Clinical Congress  
Chicago, Illinois

- 10/21/73 – 10/25/73      Invited Fireside Panel Participant  
*The Relative Places of Medical and Surgical Therapy  
of Aortic Dissection*  
American College of Chest Physicians  
39th Annual Scientific Assembly  
The Cecile Lehman Mayer Research Forum  
Toronto, Canada
- 11/06/73 – 11/11/73      Presentation of paper  
American Heart Association, Atlantic City, New Jersey
- 11/13/73                      Invited Visiting Professor  
South Coast Community Hospital, Laguna Beach, California
- 01/18/74 – 01/20/74      Presentation of papers  
American College of Surgeons, Southern Chapter  
Palm Springs, California
- 02/11/74 – 02/14/74      Invited Participation, Fireside panel  
*Pulmonary Embolism, Diagnosis, Treatment and  
Long-term Followup*  
American College of Cardiology  
23rd Annual Scientific Session, New York, New York
- 04/24/74                      Presentation of paper  
American Association for Thoracic Surgery  
Las Vegas, Nevada
- 05/20/74 – 05/22/74      Invited Participant  
UCLA Department of Continuing Education in Health  
Sciences, University Extension and  
The School of Medicine  
*Heart and Lung Disease in Neonates and Infants*
- 06/06/74                      Invited Guest Speaker  
University of Alabama, Department of Surgery  
Birmingham, Alabama
- 09/10/74 –09/13/74      Invited Speaker  
American College of Surgeons and Department of Surgery/  
UCLA School of Medicine Seminar:  
*Life-Saving Measures for the Critically Injured*  
Beverly Hills, California  
“Pericardial Tamponade, Thoracic Injuries”

- 10/05/74 – 10/08/74      Invited Speaker  
Second International Symposium on Hemodilution  
Rottach-Egern am Tegernsee, Germany  
“Coronary Blood Flow and Cardiac Function  
During Hemodilution”
- 10/16/74 – 10/18/74      Invited Visiting Professor  
University of Iowa, Department of Cardiology  
Des Moines, Iowa
- 10/21/74 – 10/25/74      Presentation of papers  
American College of Surgeons, 60th Clinical Congress  
Miami, Florida
- 11/08/74                      Presentation of paper, Discussant of paper  
Association for Academic Surgery  
Los Angeles, California
- 11/18/74 – 11/21/74      Presentation of abstracts  
American Heart Association, 47th Scientific Session  
Dallas, Texas  
“Myocardial Revascularization in High-Risk Coronary  
Patients”, G.D. Buckberg;  
“Myocardial Ischemia During Moderate Hypothermia in the  
Continuously Perfused;  
Beating Bypassed Heart”, D. McConnell;  
“Papillary Muscle Ischemia without Coronary Artery  
Obstruction”, J. Brazier;  
“Myocardial Protection During Aortic Valve Replacement”,  
J.V. Maloney, Jr., M.D.
- 02/20/75 – 02/21/75      Presentation of papers  
American College of Cardiology, 24th Scientific Session  
Houston, Texas
- 03/13/75                      Panel Discussion Participant, Invited Guest Speaker  
American College of Cardiology  
Cedars Sinai Medical Center  
Los Angeles, California
- 04/07/75 – 04/11/75      Invited Speaker and Participant  
British Postgraduate Medical Federation  
Sixth Annual Course  
“Cardiac Surgery”  
London, England

- 04/06/75 – 04/09/75      Invited Speaker  
10th Congress of European Society for  
Experimental Surgery  
Paris, France  
“Myocardial Ischemia During Moderate Hypothermia  
in the Continuously Perfused Beating Bypassed Heart”
- 04/14/75 – 04/16/75      Presentation of paper  
American Association for Thoracic Surgery  
55th Annual Meeting  
New York, New York  
“Low Output Syndrome”
- 05/07/75 – 05/09/75      Presentation of paper  
American Surgical Association for Thoracic Surgery  
55th Annual Meeting  
New York, New York
- 05/23/75                      Invited Guest Speaker  
American College of Sports Medicine
- 06/09/75                      Visiting Professor (by invitation)  
University of California  
San Diego, California
- 09/08/75                      Invited Guest Speaker  
Surgical Physiology Institute  
Munich, Germany  
“Subendocardial Ischemia without Coronary  
Artery Obstruction”
- 09/09/75                      Invited Guest Speaker  
German Heart Center  
Munich, Germany
- 09/17/75 – 09/20/75      Invited Guest Speaker  
World Congress of the International Cardiovascular Society  
Edinburgh, England  
“Myocardial Revascularization in High-Risk Patients”
- 10/02/75                      Chairman, Panel Discussion  
American Heart Association, Greater Los Angeles  
Affiliate, 43rd Annual Fall Symposium  
Los Angeles, California

- 10/06/75 – 10/09/75      Invited Speaker  
2nd Henry Ford Hospital International Symposium on  
Cardiac Surgery  
Detroit, Michigan  
“Postoperative management of Determinants of Cardiac  
Output and Subendocardial Oxygen Supply and Demand”
- 10/13/75 – 10/17/75      Presentation of papers  
American College of Surgeons  
61st Annual Clinical Congress Surgical Forum  
San Francisco, California  
“Cardiac Arrest After Aortic Cross Clamping: Effects of  
Conventional vs. Pharmacologic Techniques on Myocardial  
Supply/Demand Balance”, S. M. Goldstein;  
“The Effects of Profound Topical Cardiac Hypothermia on  
Myocardial Blood Flow, Metabolism, Compliance and  
Function”, R.L. Nelson;  
“The Importance of Alkalosis in Maintenance of “Ideal” Blood  
pH During Hypothermia”, D. McConnell;  
“The Effect of Mannitol on the Distribution and Adequacy of  
Coronary Flow in Ventricles Made Ischemic by Fibrillation  
or Arrest During Bypass”, C. Hottenrott
- 10/25/75                      Panel participant  
Pacific Coast Cardiovascular Research Conference  
Lake Arrowhead, California
- 10/26/75 – 10/30/75      Invited Participant  
Fireside Conference: Pulmonary Embolism  
American College of Chest Physicians, 41st Annual Meeting  
Anaheim, California
- Invited Chairman of Clinic Course: Coronary Circulation in  
Health and Disease - Regulation of Myocardial Perfusion  
American College of Chest Physicians  
Anaheim, California
- 11/17/75                      Presentation of paper  
American Heart Association, 48th Annual Scientific Session  
Anaheim, California  
“Problems in Subendocardial Perfusion Caused by  
Changing Ventricular Geometry with Cardiopulmonary  
Bypass and Hypothermia”

- 01/18/76 – 01/21/76      Presentation of paper by invitation  
American Heart Association's 3rd Science Writers' Forum  
Tucson, Arizona  
“Preventing Damage from Open Heart Surgery”
- 02/24/76                      Panel participant by invitation  
American College of Cardiology  
25th Annual Scientific Session  
New Orleans, Louisiana
- 03/04/76                      Invited Guest Speaker  
Tucson Cardiac Society  
Tucson, Arizona  
“Myocardial Preservation During Cardiopulmonary Bypass”
- 04/23/76 – 04/25/76      Invited Member of Projection Committee  
American Association for Thoracic Surgery  
56th Annual Meeting  
Los Angeles, California
- 06/04/76 – 06/05/76      Invited Speaker  
UCLA School of Medicine 21st Anniversary Convocation  
“Myocardial Revascularization”
- 09/25/76                      Invited Honored Guest Lecturer  
American Society of Extra-Corporeal Technology  
Salt Lake City, Utah  
“Myocardial Preservation”
- 09/29/76                      Chairman, Panel Discussion  
*Surgery for Myocardial Ischemia*  
American Heart Association, Greater Los Angeles Affiliate  
44th Annual Fall Symposium  
Los Angeles, California
- 10/11/76 – 10/15/76      Invited Speaker, Post-graduate course  
*Surgical Management of Acquired Heart Disease*  
American College of Surgeons  
62nd Annual Clinical Congress, Chicago, Illinois  
“Techniques for Protecting the Heart During  
Aortic Valve Replacement”



- 10/21/76 – 10/23/76      Invited Guest Speaker  
Panel Discussion Participant by Invitation  
The John Hopkins Medical Institution,  
*Symposium on Critical Care Monitoring*  
Baltimore, Maryland  
“Hemodynamic Monitoring”
- 11/15/76 – 11/18/76      Presentation of papers by Fellows  
American Heart Association, Miami, Florida  
“Effect of Vasopressors on Coronary Blood Pressure  
and Flow During Cardiac  
Resuscitation”, J.J. Livesay  
“Effects of Membrane Stabilization of the Safety of  
Hypothermic Arrest After Cross  
Clamping”, K. Fey
- 01/22/77      Invited Speaker  
American Heart Association/Arizona Affiliate,  
20th Annual Cardiac Symposium  
Scottsdale, Arizona  
“Optimal Myocardial Supply and Demand Balance  
before and after Heart Surgery”  
“Myocardial Function and Reactive Hyperemic Response”
- 03/07/77 – 03/10/77      Invited Guest Speaker  
American College of Cardiology  
26th Annual Scientific Session, Las Vegas, Nevada  
“Minimizing Ischemic Injury During Cardiac Surgery”
- 03/28/77 – 03/31/77      Invited Chairman: Postgraduate Course  
American College of Surgeons, 5th Annual Spring Meeting  
Los Angeles, California  
“Monitoring the Acutely Ill Surgical Patient”
- 04/04/77      Invited Guest Speaker  
American Association of Critical Care Nurses  
Critical Care Symposium  
Vail, Colorado  
“Principles of Hemodynamic Monitoring in the Bedside  
Assessment of the Critically Ill Patient”
- 04/14/77 – 04/20/77      Invited Visiting Professor, Invited Guest Speaker

- The American Association for Thoracic Surgery  
57th Annual Meeting  
Toronto, Canada
- 04/14/77 – 04/20/77      Invited Visiting Professor at University of Toronto  
The American Association for Thoracic Surgery  
57th Annual Meeting  
Toronto, Canada
- 06/16/77                      Invited Visiting Professor  
San Bernardino County Medical Center  
San Bernardino, California
- 08/18/77 – 09/03/77      Invited Lecturer  
World Congress of the International Cardiovascular Society  
Tokyo, Japan  
“Prolonged safe aortic cross-clamping by combining  
membrane stabilization, multi-dose cardioplegia and  
physiologic reperfusion”
- 09/15/77 – 09/17/77      Invited Participant and Co-Moderator of  
Discussion Luncheon  
Cleveland Clinic International Symposium:  
*The First Decade of Bypass Graft  
Surgery for Coronary Artery Disease*  
Cleveland, Ohio  
“Myocardial Preservation”
- 10/17/77 – 10/19/77      Presentation of paper  
American College of Surgeons, Clinical Congress  
Dallas, Texas  
“Creation and Avoidance of Myocardial Edema by  
Potassium Cardioplegia”, R. Foglia
- 10/19/77 – 19/21/77      Invited Lecturer, John Keith Memorial Lecture  
Canadian Cardiovascular Society  
Toronto, Canada  
“Recent Advances in Myocardial Protection”
- 11/28/77 – 12/01/77      Presentation of paper by fellow  
American Heart Association 50th Annual Scientific Sessions  
Miami, Florida  
“Advantages of Intermittent Blood Cardioplegia Over  
Intermittent Ischemia During Prolonged Hypothermic Aortic  
Clamping”, D. Follette

- 03/06/78 – 03/09-78      Invited Guest Speaker  
American College of Cardiology  
27th Annual Scientific Session  
Anaheim, California  
“Preservation of the Myocardium During Surgery”
- 03/14/78      Invited Guest Speaker  
Cardiology Conference, St. Joseph Hospital  
Orange, California  
“Myocardial Preservation”
- 03/16/78 – 03/19/78      Invited Guest Speaker  
2nd Annual Southwestern Cardiovascular Symposium  
St. Luke’s Hospital Medical Center  
Phoenix, Arizona  
“Left Ventricular Function Pre and Post Op” and  
“Myocardial Protection”
- 03/30/78 – 03/31/78      Invited Speaker  
Oregon Heart Association  
26th Annual Scientific Sessions for Physicians  
Portland, Oregon  
“Myocardial Injury and Preservation: Background Studies”
- 04/20/78 – 04/21/78      Invited Speaker  
UCSF Symposium: *Current Problems in Intensive Care:  
The Cardiac Surgical Patient*  
San Francisco, California  
“Protection of the Heart: Intraoperative Manipulations”
- 05/04/78      Invited Guest Speaker  
The Cleveland Clinic Foundation, Cleveland, Ohio  
“Recent advances in myocardial protection”, and  
“Optimizing the supply demand balance in the high risk  
surgical patient”
- 05/04/78 – 05/05/78      Invited Guest Speaker  
9th Annual Texas Heart Institute Symposium  
Houston, Texas
- 05/06/78 – 05/11/78      Invited Guest Speaker  
Southern Baptist Hospital Scientific Session  
New Orleans, Louisiana  
“Recent Advances in Myocardial Preservation”

- 05/08/78 – 05/10/78      Presentation of paper by Fellow  
The American Association for Thoracic Surgery  
58th Annual Meeting  
New Orleans, Louisiana  
“Blood Cardioplegia - A Superior method of Myocardial Protection”, D. Follette
- 06/26/78 – 06/30/78      Invited Speaker  
11th Biennial Congress of the Southern Africa  
Cardiac Society, South Africa  
“Recent Advances in Myocardial Protection During Open Heart Surgery”
- 08/07/78 – 08/10/78      Invited Guest Speaker and Lecturer  
UCLA Seminar at the American Club  
Tokyo, Japan
- Invited Guest Speaker  
15th Annual Meeting of Society for Cryobiology  
Tokyo, Japan  
“Advantages of Blood Cardioplegia over Continuous Coronary Perfusion or Intermittent Ischemia – An Experimental and Clinical Study”
- 09/20/78                      Invited Guest Speaker  
San Diego Society of General Surgeons  
San Diego, California  
“Protection of the Myocardium During Surgery”
- 10/07/78                      Invited Guest Speaker  
Cardiac Symposium of Long Beach Memorial  
Hospital Medical Center, Long Beach, California  
“Myocardial Preservation: State of the Art”
- 10/13/78                      Invited Guest Lecturer  
Rumel Memorial Lectureship in Thoracic & Cardiovascular  
Surgery  
Salt Lake City, Utah
- 10/16/78 – 10/20/78      Presentation of Paper by Fellows  
American College of Surgeons, 1978 Clinical Congress  
San Francisco, California  
“Isotrogonic Myocardial Edema with Crystalloid Primes: Effects on Left Ventricular Compliance, Performance and Perfusion”, R. Foglia

- 11/13/78 – 11/16/78      Invited Co-Chairman of Abstract Session: *Cardiovascular Surgery: Myocardial Protection and Support*  
American Heart Association  
Dallas, Texas
- 12/01/78      Invited Guest Speaker  
6th National Congress of Cardiac Surgery  
Guaruja, Sao Paulo, Brazil  
“Subendocardial Coronary Circulation” and “Methods of Myocardial Protection”
- 01/15/79      Invited Guest Speaker  
Mission Community Hospital  
Mission Viejo, California  
“Coronary Artery Bypass Grafting”
- 02/24/79      Invited Participant  
L.A. Heart Association Symposium  
*Practical Problems in Clinical Cardiology*  
Los Angeles, California  
“Pump Failure in Acute Myocardial Infarction”
- 03/08/79 – 03/11/79      Invited Participant/Speaker  
American Heart Association  
*Cardiology at Walt Disney World*  
Orlando, Florida  
“Surgical Techniques for Myocardial Preservation”
- 04/30/79 – 05/02/79      Presentation of paper by invitation  
American Association for Thoracic Surgery  
Boston, Massachusetts
- 05/08/79      Invited Guest Speaker  
Cardioplegia Workshop, Mount Sinai Medical Center  
New York, New York  
“Reperfusion Injury: A Problem in the Resumption of Oxidative Metabolism”
- 05/12/79 – 05/13/79      Invited Speaker  
UCLA Department of Continuing Education in Health Sciences Symposium: *Management of Thromboembolic Disease in Clinical Practice*  
Los Angeles, California  
“Surgical Therapy of Pulmonary Embolism”

- 09/11/79 – 09/14/79      Invited Guest Speaker  
Scandinavian Association for Thoracic and  
Cardiovascular Surgery  
Helsinki, Finland  
“Advantages of Blood Cardioplegia over continuous  
Coronary Perfusion or Intermittent Ischemia”
- 09/28/79 – 09/30/79      Invited Guest Speaker  
International Congress of the Association for  
Cardiologic Information  
Arles, Provence, France  
“Blood Cardioplegia During Aortic Valve Replacement”
- 10/02/79 – 10/04/79      Invited Guest Speaker, International Symposium  
*Myocardial Protection for Cardiovascular Surgery*  
Cologne, Germany  
“Remarks on Principles of Cardioplegia for Avoidance  
and Reversal of Ischemia Myocardial Damage”
- 10/21/79 – 10/26/79      Invited Moderator  
Surgical Forum Session: *Basic Science Problems in*  
*Surgery:Cardiopulmonary Physiology*  
American College of Surgeons  
Chicago, Illinois
- 11/29/79                      Invited Guest Speaker  
Los Angeles Cardiac Anesthesia Society  
Los Angeles, California
- 01/17/80                      Invited Speaker  
International Association of Cardiovascular Medicine  
Los Angeles, California  
“Clinical intraoperative myocardial protection”
- 01/20/80                      Invited Guest Speaker  
American Academy of Cardiovascular Perfusion  
New Orleans, Louisiana  
“Principles of Cardioplegia to Avoid and  
Reverse Myocardial Damage”
- 03/17/80                      Invited Guest Lecturer  
Queen of the Valley Hospital  
West Covina, California  
“Clinical Intraoperative Myocardial Protection”

- 04/28/80 – 04/30/80      Honorary Lecturer - Honorary Fellow  
The American Association for Thoracic Surgery  
San Francisco, California
- Presentation of paper by Fellow  
“Myocardial Energy Replenishment and  
Reversal of Ischemic Damage by  
Substrate Enhancement with Amino Acids during  
Reperfusion”, H. Lazar
- 05/04/80 – 05/05/80      Invited Guest Speaker  
The Cleveland Clinic  
Cleveland, Ohio
- 05/22/80 – 05/24/80      Invited Guest Speaker  
American College of Chest Physicians  
Marco Island, Florida  
“Pharmacologic and Metabolic Approaches to Protection of  
the Myocardium During Cardiovascular Surgery”
- 06/09/80 – 06/10/80      Invited Speaker  
International Symposium "Cardioplegia  
The 1st Quarter Century"  
London, England
- 08/14/80                      Invited Guest Speaker  
19th Japanese Conference on Medical & Biological  
Engineering, *The New Techniques of the Latest  
Measurement & Information Processing in Medicine*  
University of California at Los Angeles, California  
“DPTI/SPTI ratio and RI microsphere methods”
- 10/11/80 – 10/14/80      Invited Guest Speaker  
International Symposium on Advances in Clinical  
Cardiology  
Nassau, The Bahamas  
“Myocardial Protection for Coronary Bypass Surgery”
- 10/22/80                      Presentation of paper  
American College of Surgeons  
Atlanta, Georgia  
“Limitations Imposed by Hypothermia During  
Recovery from Ischemia”

- 10/27/80 – 10/30/80      Presentation of paper  
American College of Chest Physicians  
Boston, Massachusetts  
“Effects of Adding Amino Acid Substrates and  
Respiratory Cofactors to blood Reperfusate Following  
Ischemia”, H. Lazar
- 10/27/80 – 10/30/80      Honorary Fellow Award presentation  
American College of Chest Physicians  
Boston, Massachusetts  
“Myocardial Protection, Past, Present and Future”
- 10/31/80                      Invited Guest Speaker  
Cardiac Surgery Symposium  
Montreal, Canada  
“State of the Art in Myocardial Protection”
- 12/14/80                      Invited Speaker  
The Desert Hospital Symposium: *Cardiology Today*  
Palm Springs, California  
“Myocardial Protection - Current Status?”
- 01/26/81 – 01/28/81      Invited Principal Discussant  
Society of Thoracic Surgeons  
Los Angeles, California
- 01/30/81                      Invited Speaker  
Cardiac Symposia, St. Francis Medical Center  
Lynwood, California  
“Surgical Correction of LV Outflow Obstructions” and  
“Myocardial Preservation: New Concepts”
- 03/05/81                      Invited Guest Speaker  
American Society of Extracorporeal Technology  
San Francisco, California
- 03/14/81 – 03/17/81      Invited Guest Lecturer; Co-Chairman of Mini-Course:  
*Medical and Surgical Aspects of Myocardial Preservation*  
American College of Cardiology  
San Francisco, California  
“Myocardial Preservation During Coronary Bypass”



- May 11-13, 1981      Invited Panelist on Myocardial Protection  
American Association for Thoracic Surgery  
Washington, D.C.
- Presentation of Paper by Fellow  
"Myocardial Damage Caused by keeping pH 7.4 During  
Systemic Deep  
Hypothermia", H. Becker
- 06/12/81 – 06/13/81      Invited Speaker  
Centinela Hospital Medical Center Symposium:  
*Myocardial Revascularization: Prospects for the 80s*  
Inglewood, California  
"Current Concepts in Myocardial Protection and  
Avoidance of Reperfusion Injury"
- 06/22/81 – 06/27/81      Invited Guest Speaker  
Samson Thoracic Surgical Society  
Maui, Hawaii
- 09/05/81 – 09/08/81      Visiting Professor by invitation  
New York University Medical Center  
New York, New York
- 09/08/81 – 09/13/81      Invited Lecturer  
European Meeting of the International Society for  
Heart Research, Bologna, Italy  
"Use of Blood Cardioplegia for Preventing, Avoiding and  
Reversing Cardiac Damage"
- 09/21/81 – 09/22/81      Visiting Professor by invitation  
Cleveland Clinic  
Cleveland, Ohio
- 10/15/81 – 10/18/81      Invited Guest Speaker  
Cardiological Society of India & the Association of  
Cardiovascular & Thoracic Surgeons of India  
Bombay, India  
"Myocardial Protection, Past, Present & Future"
- 02/02/82      Invited Guest Speaker  
Shiley Inc. National Sales Meeting  
Phoenix, Arizona

- 05/03/82 – 05/05/82      Presentation of paper  
American Association for Thoracic Surgery  
Phoenix, Arizona  
“Benefits of Normothermic Blood Cardioplegic Induction of Prolonged, Multidose Cold Blood Cardioplegia in Energy Depleted Hearts”, E. Rosenkranz
- 05/31/82 – 06/01/82      Invited Speaker  
Hebrew University-Hadassah Medical School: *Cardiac Surgery Update in Jerusalem*  
Jerusalem, Israel  
“Blood Cardioplegia for Preventing, Avoiding and Reversing Myocardial Damage”
- 08/29/82 – 09/01/82      Invited Participant  
Cardiac Prostheses Symposium  
Pebble Beach, California
- 09/17/82                      Invited Guest Lecturer  
Canadian Cardiovascular Surgical Society  
Montreal, Quebec, Canada  
“The Superiority of Blood Cardioplegia’
- 11/11/82 – 11/12/82      Invited Guest Master Lecturer  
National Congress of the Italian Society of Cardiac and Vascular Surgery, Padova, Italy  
“Current Status of Intraoperative Myocardial Protection”
- 12/18/82                      Invited Speaker  
Lilly Research Laboratories: Current Concepts in Cardiothoracic Surgery, New Orleans, Louisiana  
“Cardioplegia to Prevent, Avoid, and Reverse Intraoperative Damage”
- 02/11/83 – 02/13/83      Invited Speaker  
The Cardiothoracic Research & Education  
Pathophysiology & Techniques of Cardiopulmonary Bypass III, San Diego, California  
“Cardioplegia - Current Status”
- 04/13/83                      Invited Lecturer  
Queen of Angels Medical Center: Surgical Conference  
Los Angeles, California  
“How to handle the heart: the present status of myocardial preservation”

- 04/20/83 – 04/24/83      Invited Speaker  
The 6th Asian Congress for Thoracic and Cardiovascular  
Surgery, Seoul, Korea  
“Myocardial Protection” and “Cardioplegic Solution”
- 04/25/83 – 04/27/83      Honorary Mention in Presidential Address  
by Frank C. Spencer  
American Association for Thoracic Surgery  
Atlanta, Georgia
- Presentation of Paper  
“Warm-Glutamate Blood cardioplegic Induction in Inotrope,  
Intraaortic Balloon Dependent Coronary Patients in  
Cardiogenic Shock: Initial Experience”, E.Rosenkranz
- 05/06/83 – 05/07/83      Invited Participant  
The Department of Continuing Education, UCLA Extension  
and The School of Medicine, UCLA: *New Developments in  
Brain and Cardiac Resuscitation*  
Los Angeles, California  
“Myocardial Salvage - Cardioplegia”
- 06/09/83                      Invited Guest Speaker  
Queen of Angels Medical Center  
Los Angeles, California
- 07/08/83 – 07/09/83      Invited Guest Speaker  
AMI, French Hospital 1st Annual Symposium on Coronary  
Artery Disease: *Advances in the Understanding and  
Invasive Treatment of Coronary Artery Disease*  
San Luis Obispo, California  
“Myocardial Protection”
- 07/09/83                      Invited Guest Speaker  
First Annual Symposium on Coronary Artery Disease  
French Hospital  
San Luis Obispo, California
- 10/14/83 – 10/15/83      Invited Speaker  
European Society of Cardiovascular Surgery and the  
European Society of Cardiology: *New Trends and  
Controversies in Coronary Artery Surgery Workshop*  
Innsbruck, Austria  
“Myocardial Protection”

- 10/16/83 – 10/21/83      Invited Participant  
Cardiovascular Research Institute  
25th Anniversary Celebration  
San Francisco, California
- 10/22/83                      Invited Speaker  
AMSECT Region 10  
*1st Annual Perfusionists Symposium on Current Concepts of  
Extracorporeal Technology*  
San Francisco, California  
“Blood Cardioplegia - Uses and Advantages”
- 11/14/83 – 11/17/83      Presentation of paper by fellow  
American Heart Association 56th Scientific Sessions  
Anaheim, California  
“Superiority of Blood Cardioplegia over Asanguinous  
Cardioplegia: Experimental and Clinical Study”, D. Follette
- 11/28/83 – 12/02/83      Invited Speaker  
2nd International Symposium on Applied Physiology in  
Critical Care and Anaesthesia with Emphasis on Children  
Aruba, The Netherlands Antilles  
“Myocardial function during hypothermia under alpha-stat  
and other acid-base conditions”
- 12/05/83 – 12/07/83      Invited Speaker  
XI Jornadas Internacionales De Actualizacion  
Cardiovascular, Madrid, Spain  
“Current Concepts in Myocardial Protection”
- 02/01/84                      Invited Guest Speaker  
UCLA Continuing Education, Hospital Satellite Network  
*The Problems of Pulmonary Embolism*  
UCLA Medical Center  
Los Angeles, California
- 02/10/84                      Invited Guest Speaker, Surgical Grand Rounds  
Martin Luther King, Jr., General Hospital  
Los Angeles, California  
“Hemodynamic Monitoring in Critically Ill Patients”
- 02/16/84 – 02/18/84      Invited Guest Speaker  
1st International Congress on Myocardial Energetics &  
Compartmentation  
USC Medical Center, Los Angeles, California

- 03/09/84 – 03/11/84      Invited Speaker  
Pathophysiology and Techniques of Cardiopulmonary  
Bypass IV, San Diego, California  
“Cardioplegia Update”
- 03/25/84 – 03/29/84      Invited Chairman  
Fireside Panel: *Surgical Myocardial Protection*  
American College of Cardiology  
Dallas, Texas
- Presentation of Papers by Fellows  
“Influence of High O<sub>2</sub> demands of Dyskinetic Segments on  
Recovery During Reperfusion”, B. Allen  
“TCC Staining Techniques does not Predict Myocardial  
Necrosis”, R. James Barnard
- 03/30/84 – 03/31/84      Invited Lecturer  
UCLA Department of Continuing Education, Extension  
and School of Medicine  
*Cerebral and Cardiac Resuscitation: The State of the Art*  
Los Angeles, California  
“Myocardial Salvage - Cardioplegia”
- 04/05/84 – 04/7/84      Invited Speaker  
10th Anniversary Symposium, Thirty Years of Extracorporeal  
Circulation, Munich, Germany  
“Heart function during and after ECC”
- 04/26/84                      Invited Speaker  
*Update in Cardiology and Cardiothoracic Surgery*  
Maimonides Medical Center  
New York, New York  
“Recent Advances in Intraoperative Myocardial Protection”
- 05/21/84 – 05/23/84      Invited Speaker  
Ospedale Pediatrico Bambino Gesù  
*Paediatric Cardiology 1984*  
Rome, Italy  
“Myocardial Protection”
- 05/26/84                      Invited Speaker  
The Netherlands Society of Extracorporeal Circulation  
Rotterdam, The Netherlands  
“Current Approaches to Myocardial Protection”

- 05/29/84 – 06/02/84      Invited Lecturer  
11th Annual Joint UCLA-Santa Monica Hospital  
Medical Center, Santa Monica, California  
*Family Practice Refresher Course and Board Examination  
Review*  
“Surgical Management of Coronary Artery Disease”
- 09/10/84      Invited Guest Lecturer  
Long Beach Surgical Society and Long Beach Society of  
Internal Medicine, Long Beach, California  
“Treatment of Acute Evolving Myocardial Infarction”
- 09/25/84      Invited Speaker  
Cardiology Seminar Series, UCLA Medical Center  
Los Angeles, California
- 10/01/84 – 10/05/84      Invited Guest Speaker  
Second Annual Vascular Surgery Board Certification Review  
The Department of Continuing Education in Health Sciences  
UCLA Extension, and The Division of Vascular Surgery  
UCLA School of Medicine, Santa Monica, California  
“Cardiovascular Monitoring of the Vascular Surgery Patient  
Including Peri-Operative Management”
- 10/19/84 – 10/21/84      Invited Speaker  
Tri-Regional American Society of ExtraCorporeal  
Technology Meeting  
Virginia Beach, Virginia  
“Blood Cardioplegia”
- 11/12/84 – 11/15/84      Presentation of abstract by Fellow  
American Heart Association, 57th Annual Scientific Sessions  
Miami Beach, Florida  
“Immediate Functional Recovery After 6 Hour Coronary  
Occlusion Using “Regional Cardioplegic Reperfusion and  
Total Vented Bypass Without Thoracotomy: A New  
Concept”. B.A. Allen
- 12/16/84      Invited Guest Speaker and Lecturer  
Invited Visiting Professor  
CoQ<sub>10</sub> Symposium  
Tokyo, Japan

- 02/07/85 – 02/10/85      Invited Guest Speaker  
World Conference on Open-Heart Surgery  
Bombay, India  
“Recent Advances in Cardioplegia”
- 03/26/85                      Invited Guest Speaker  
Cardiology Rounds  
Cedars-Sinai Medical Center  
Los Angeles, California  
“Newer, Interventional Approaches to the Treatment of  
Acute Myocardial Infarction”
- 03/30/85                      Invited Participant and Speaker  
Society of Extra-Corporeal Technology, 23rd International  
Conference, New Orleans, Louisiana  
“Recent Advances in Myocardial Protection”
- 05/08/85 – 05/11/85      Invited Guest Speaker  
International Symposium on Cardioplegia  
Boston Massachusetts  
“Emergency Surgical Revascularization in  
Acute Myocardial Infarction”
- 06/17/85                      Invited Guest Speaker  
Update on Myocardial Protection, XII Interamerican  
Congress of Cardiology  
Vancouver, British Columbia, Canada  
“Myocardial Protection”
- 06/20/85 – 06/21/85      Invited Visiting Professor  
The University of Manitoba  
Winnipeg, Manitoba
- 08/26/85                      Noon Lecture "Coronary Artery Disease"  
UCLA Department of Surgery, UCLA Medical Center,  
Los Angeles, California
- 09/11/85                      Presentation (Invited Lecturer) "Treatment of  
Pulmonary Embolism"  
UCLA Department of Surgery Grand Rounds  
UCLA Medical Center, Los Angeles, California
- 09/19/85                      Invited Guest Speaker  
Downey Community Hospital, Cardiology Conference  
Downey, California

- 09/30/85 – 10/04/85      Invited Speaker  
3rd Annual UCLA Symposium: A Comprehensive Review of  
Vascular Surgery, Santa Monica, California  
“Determinants of Myocardial Performance and the Adequacy  
of Subendocardial Blood Flow”
- 10/04/85      Invited Guest Speaker  
Harbor/UCLA Medical Center, Division of Thoracic Surgery  
Long Beach, California  
“What’s New in the Surgical Treatment of Acute Myocardial  
Infarction”
- 10/15/85      Invited Speaker  
UCLA Cardiology Conferences, "Myocardial Reperfusion"  
UCLA Medical Center, Los Angeles, California
- 10/15/85      Presentation by research fellow  
American College of Surgeons, Chicago, IL
- 10/21/85      Invited Guest Speaker, Invited Visiting Professor  
The Cleveland Clinic Foundation, Cleveland, Ohio
- 11/11/85 – 11/14/85      Presentation of papers by fellow  
American Heart Association 58th Scientific Sessions  
Washington, D.C.  
“Evidence for Preserved Transmural Cellular Viability After  
6 Hours of Coronary Occlusion”, F. Beyersdorf
- 11/15/85 – 11/17/85      Invited Guest Lecturer  
1st Asian Pacific Symposium on Cryosurgery  
Tokyo, Japan  
“Recent Progress in Myocardial Protection; Myocardial  
Function Resulting from  
Varying Acid-Base Management during and Following Deep  
Surface and Perfusion Hypothermia and Circulatory  
Arrest”
- 11/17/85 – 11/21/85      Invited Guest Lecturer and Chairperson  
VIIth Asian Congress of Thoracic and Cardiovascular  
Surgery, Bangkok, Thailand  
“Recent Advances in Surgical Treatment of Acute  
Myocardial Infarction and Cardiogenic Shock”



- 02/14/86 – 02/16/86      Invited Speaker  
Pathophysiology and Techniques of Cardiopulmonary  
Bypass, Sixth Postgraduate Course  
San Diego, California  
“Coronary Revascularization for Acute Myocardial Infarction”
- 02/15/86 – 02/19/86      Pacific Coast Surgical Association 1986 Annual Scientific  
Sessions, Maui, Hawaii
- 03/05/86 – 03/07/86      Invited Guest Speaker  
Workshop Albumin and the Systemic Circulation  
Grindelwald/Switzerland  
“Left Ventricular Dysfunction during Crystalloid-induced  
Myocardial Edema”
- 03/17/86                      Invited Visiting Professor  
Visiting Professorship  
University of Alberta at Edmonton, Canada
- 04/26/86 – 04/30/86      Presentation of paper by research associate  
The American Association for Thoracic Surgery  
New York, New York
- 10/06/86 – 10/10/86      Invited Speaker  
UCLA Extension, 4th Annual Vascular Surgery Review  
Santa Monica, California
- 10/19/86 – 10/24/86      Presentation of abstract by Fellow  
The American College of Surgeons, New Orleans, Louisiana  
“Benefits of Regional Perfusion with Marked Hypocalcemia  
and Diltiazem on Total Vented Bypass After Acute  
Coronary Occlusion”, M. Partington
- 10/23/86                      Invited Guest Speaker  
Cardiac Symposium, Glendale Adventist Medical Center  
Glendale, California
- 10/23/86                      Invited Guest Speaker  
“Cardiology for the Primary Care Physician”  
Huntington Memorial Hospital, Glendale, California  
“Coronary Artery Bypass”

- 11/13/86                    Abstract presentation  
Los Angeles Surgical Society, Los Angeles, California  
“Aggressive Surgical Treatment for Intractable Ventricular  
Fibrillation After Acute Myocardial Infarction”,  
F. Beyersdorf
- 11/17/86 – 11/20/86      Presentation of abstracts by F. Beyersdorf and M. Partington  
The American Heart Association, Dallas, Texas  
“Implications of Progression from Dyskinesis to Akinesis  
During Acute Ischemia”, F. Beyersdorf ; “Aggressive  
Surgical Treatment for Intractable Ventricular Fibrillation  
after Acute Myocardial Infarction”, F. Beyersdorf; “Regional  
and Global Ischemia Caused by Hemodynamically  
Insignificant Coronary Arterio-Venous Fistula”,  
M. Partington; “Reversal of LV Power Failure by Metabolic  
Support of Remote Myocardium After Acute Coronary  
Occlusion”, F. Beyersdorf
- 01/06/87 – 01/09/87      Invited Lecturer  
Shiley National Sales Meeting, Lake Tahoe, California
- 01/21/87                    Invited Presentation  
UCLA Medical Center, Critical Care Medicine Seminars  
Los Angeles, California  
“Chest Trauma”
- 02/13/87 – 02/15/87      Invited Speaker  
Society of Cardiovascular Anesthesiologists  
*Current Concepts in Cardiac –  
Cardiopulmonary Bypass*  
Key West, Florida  
“Cardioplegia During Cardiac Surgery”
- 03/17/87                    Invited Lecturer  
French Hospital, Quarterly Staff Meeting  
San Luis Obispo, California  
“Recent Advances in the Treatment of  
Acute Myocardial Infarctions”
- 04/06/87 – 04/08/87      Attend meeting  
American Association for Thoracic Surgery  
Chicago, Illinois

- 04/20/87                    Invited Lecturer  
Hospital of the Good Samaritan, Los Angeles, California
- 04/30/87 – 05/02/87      Invited Lecturer  
Scripps Clinic, "Cardiology for the Consultant"  
La Jolla, California
- 05/07/87                    Invited Lecturer  
Hospital of the Good Samaritan, Los Angeles, California
- 05/16/87                    Invited Speaker  
The Richard J. Bing Symposium  
Pasadena, California
- 05/30/87                    Invited Speaker  
First Annual Cardiac Symposium: Myocardial Protection &  
Reperfusion, Heart Institute at Southwest Florida Regional  
Medical Center, Fort Myers, Florida  
"Recent Progress in Myocardial Protection and Advances in  
Surgical Treatment of Myocardial Infarction"
- 08/24/87                    Invited Guest Speaker  
The Cleveland Clinic  
The Cleveland Clinic Foundation, Cleveland, Ohio  
"New Concepts in Treating Myocardial Infarction"
- 09/09/87                    Presentation by fellow P. Julia  
American Heart Association, Young Investigators Forum  
Los Angeles, California  
"Importance of Endogenous Red Blood Cell Oxygen Free  
Radical Scavengers in Limiting Reperfusion Damage with  
Blood Cardioplegia"
- 10/07/87 – 10/10/87      Invited Speaker  
17th Annual Texas Heart Institute Symposium  
Houston, Texas
- 10/30/87 – 11/03/87      Invited Speaker  
8th Asian Congress on Thoracic and Cardiovascular  
Surgery, Singapore, Malaysia  
"Management of Acute Coronary Occlusion and Techniques  
in Myocardial Preservation"  
Pre-Congress Symposium: "Considerations about Priming  
Solution and Additives to the Prime"

- 11/16/87 – 11/20/87      Presentation of Abstract by Research Fellow  
(Partington, MT)  
American Heart Association, 60th Annual Scientific Sessions  
Anaheim, California
- 02/11/88                      Invited Guest Speaker, Visiting Professor  
University of Michigan Medical Center  
Ann Arbor, Michigan
- 02/12/88                      Invited Guest Speaker  
Desert Hospital  
Palm Springs, California
- 02/18/88 – 02/21/88      Invited Speaker  
Pathophysiology and Techniques of Cardiopulmonary  
Bypass, San Diego, California
- 02/23/88                      Invited Speaker  
St. Vincent's Hospital, Los Angeles, California
- 03/06/88 – 03/08/88      Committee Member  
University of Alabama External Advisory Committee  
Birmingham, Alabama
- 04/18/88 – 04/20/88      Presentation of abstract by fellow  
Friedhelm Beyersdorf, M.D.  
American Association for Thoracic Surgery  
Los Angeles, California
- 05/02/88 – 05/04/88      American Surgical Association  
San Francisco, California
- 05/02/88 – 05/06/88      Invited Guest Speaker  
American Physiological Society (FASEB)  
Las Vegas, Nevada
- 05/12/88                      Invited Visiting Professor  
Deborah Heart and Lung Center  
Browns Mills, New Jersey
- 06/11/88                      Invited Speaker  
UCLA Extension, Santa Monica, California  
"Modern Management of Acute Myocardial Infarction"

- 06/19/88 – 06/23/88      Invited Speaker and Panel Chair  
1st World Congress of Pediatric Surgery  
Bergamo, Italy
- 06/22/88                      Invited Visiting Professor  
University of Siena, Siena, Italy
- 07/24/88 – 07/29/88      Invited Speaker  
Brazilian College of Surgeons, Sao Paulo, Brazil
- 08/25/88 – 08/28/88      Invited Guest Speaker  
AMSECT Region 8 Conference, Dallas, Texas
- 09/02/88 – 09/05/88      Invited Speaker  
Society of Critical Care Medicine, Napa, California
- 09/05/88 – 09/11/88      Invited Speaker (by Dr. Gonzalez Lavin of  
Deborah Heart Lung)  
Scientific Meeting, Warsaw, Poland
- 09/14/88                      Invited Speaker  
American Heart Association, Greater Long Beach Chapter  
Fall Symposium, Long Beach, California
- 09/14/88 – 09/15/88      Invited Speaker  
American Heart Association, Greater Los Angeles Affiliate  
Los Angeles, California
- 09/17/88                      Invited Speaker  
AMSECT Region IX, Western Perfusion Resources  
Manhattan Beach, California
- 10/06/88 – 10/08/88      Invited Speaker  
Mediterranean Association of Cardiology and Cardiac  
Surgery, Catania, Italy
- 10/13/88 – 10/15/88      Invited Lecturer  
1988 Henry Swan Visiting Professor Lecture  
Denver, Colorado
- 10/22/88                      Invited speaker  
Surgical Biology Club, Chicago, Illinois

- 10/23/88 – 10/28/88      Presentation of Abstracts by E. Kofsky and P. Julia  
American College of Surgeons, Chicago, Illinois  
“Effects of Neutrophil Depletion in Limiting Reperfusion  
Damage”
- 11/11/88                      Invited Guest Speaker  
6th Azurean Meeting, Monaco, France
- 11/14/88 – 11/17/88      Presentation of abstracts by P. Julia and J. Quillen  
American Heart Association Meeting  
Washington, D.C.
- 12/01/88 – 12/02/88      Visiting Professor  
University of Michigan, Ann Arbor, Michigan
- 12/02/88 – 12/03/88      Invited Speaker, Visiting Professor  
Wayne State Affiliated Hospitals Program, Department of  
Thoracic & Cardiovascular Surgery (Harper Hospital)  
Detroit, Michigan
- 12/05/88 – 12/07/88      Invited Guest Speaker  
X Reunion De La Sociedad De Cardiocirujanos  
Madrid, Spain
- 12/11/88 – 12/13/88      Committee Member  
University of Alabama, SCOR Meeting  
Birmingham, Alabama
- 01/28/89                      Invited Speaker  
American Heart Association, Orange County Chapter,  
"Acute Intervention in Cardiovascular Crisis First Annual  
Symposium", Fountain Valley Regional Hospital and  
Medical Center, Fountain Valley, California
- 02/12/89 – 02/18/89      Invited Guest Speaker  
8th Int'l postgraduate Course on Myocardial Infarction &  
Angina Pectoris, Davos, Switzerland
- 02/16/89 – 02/19/89      Invited Guest Speaker  
Pathophysiology and Techniques of Cardiopulmonary  
Bypass: IX, San Diego, California
- 03/18/89                      Invited Speaker  
Myocardial Reperfusion: 1989 Concepts and Controversies  
Anaheim, California

- 03/18/89                    Invited Speaker  
International Symposium on Regional Venous  
Retroperfusion/Retroinfusion for Clinical Support and  
Rescue of Acutely Ischemic Myocardium and Brain  
Cedars Sinai Medical Center and UCLA Extension  
Garden Grove, California
- 04/08/89                    Invited Speaker  
"Cardiovascular Conclave", Arkansas Cardiovascular  
Surgery, Little Rock, Arkansas
- 04/21/89 – 04/22/89      Invited Speaker  
Invasive Treatment of Coronary Artery Disease  
Eindhoven, The Netherlands
- 04/29/89                    Invited Guest Speaker  
Amsect Meeting, Denver, Colorado
- 05/07/89 – 05/10/89      Presentation of abstracts by P. Julia and B. Allen  
The American Association for Thoracic Surgery  
Boston, Massachusetts
- 05/29/89 – 06/02/89      Invited Speaker  
Heart Surgery 1989, 3rd International Symposium on  
Cardiac Surgery, Rome, Italy
- 06/21/89 – 06/25/89      Presentation of paper (by invitation)  
The Western Thoracic Surgical Association  
Monterey, California
- 07/10/89 –07/12/89      Invited Speaker  
American Heart Association  
Scientific Conference on Myocardial Cell Viability  
Santa Fe, New Mexico
- 09/03/89 – 09/08/89      Invited Speaker  
5th World Congress on Intensive & Critical Care Medicine  
Kyoto, Japan
- 09/20/89 – 09/24/89      Invited Speaker  
Third World Congress on "Open Heart Technology"  
Florence, Italy

- 10/02/89 – 10/03/89      Invited Speaker  
5th Cardiac Surgery Meeting and 16th Argentine Congress  
of Cardiology, Buenos Aires, Argentina
- 10/09/89 – 10/11/89      Invited Speaker  
3rd Annual Scientific Meeting of the European Association  
for Cardiothoracic Surgery, Munich, West Germany
- 10/15/89 – 10/20/89      Invited Speaker  
Postgraduate Course, "Cardiac Surgery"  
American College of Surgeons, Atlanta, Georgia
- 11/01/89                      Presentation  
"Advances in Treatment of Acute Myocardial Infarction"  
Department of Surgery Grand Rounds  
UCLA School of Medicine, Los Angeles, California
- 11/12/89                      Invited Speaker  
Meeting "Molecular & Mechanical Means to Modify  
Myocardial Ischemia"  
Tulane University School of Medicine  
New Orleans, Louisiana
- 11/12/89                      Invited Guest Speaker  
CVT Surgical Center, Baton Rouge, Louisiana
- 11/14/89                      Invited Participant  
Cardiovascular Conference/Scientific Session  
American Heart Association 62nd Annual Scientific Sessions  
New Orleans, Louisiana
- 11/18/89 – 11/22/89      Invited Speaker  
9th Biennial Asian Congress on Thoracic & Cardiovascular  
Surgery, Taipei, Taiwan, R.O.C.
- 11/30/89 – 12/02/89      Invited Visiting Professor  
The Tenth Annual Morris Parker Visiting Professor  
Michael Reese Hospital and Medical Center  
Chicago, Illinois
- 01/06/90 – 01/07/90      Invited Guest Speaker  
Fem-Fem Bypass Workshop, AMSECT Regional Meeting  
Charleston, South Carolina



- 02/16/90                    Invited Speaker  
Clinical Correlates, UCLA School of Medicine  
Los Angeles, California
- 02/18/90 – 02/22/90      Invited Speaker  
4th Annual Shiley/Latin America Meeting  
Rio de Janeiro, Brazil
- 03/01/90 – 03/04/90      Invited Visiting Professor  
St. Joseph's Medical Center, Stockton, California
- 03/15/90 – 03/18/90      Invited Speaker and Workshop Director  
Pathophysiology and Techniques of Cardiopulmonary  
Bypass:X, San Diego, California
- 04/02/90 – 04/06/90      Invited Visiting Professor  
University of Bologna, Bologna, Italy
- 04/23/90                    Invited Speaker  
Sydney, Australia
- 04/25/90 – 04/27/90      Invited Speaker  
Interventions in Myocardial Metabolism and Pathophysiology  
Baker Medical Research Institute and Alfred Hospital  
Melbourne, Australia
- 04/29/90 – 05/02/90      Invited Speaker  
Cardiac Society of Australia and New Zealand  
38th Annual Scientific Meeting  
Hobart, Tasmania, Australia
- 05/06/90 – 05/09/90      Presentation of abstract by Denis Tixier  
The American Association for Thoracic Surgery  
70th Annual Meeting, Toronto, Canada
- 05/10/90 – 05/12/90      Invited Speaker  
Annual Meeting of the Swiss Societies of Internal Medicine  
Cardiology and Intensive Care Medicine  
Lausanne, Switzerland
- 05/14/90                    Invited Visiting Professor  
Universitätsklinik/Inselpital, Bern, Switzerland
- 05/15/90                    Invited Guest Speaker  
Hopital de la Timone, Marseilles, France

- 06/09/90 – 06/10/90      Invited Guest Speaker  
Amsect Regional I Spring Seminar, Burlington, Vermont
- 08/12/90 – 08/15/90      Invited Speaker  
Myocardial Preservation into the 21st Century  
The Oxford International Symposium  
Oxford, England
- 08/26/90 – 08/30/90      Invited Speaker  
The Southern African Cardiac Society, XVII Biennial  
Congress, Bloemfontein, South Africa
- 10/01/90                      Lecturer  
3rd year surgery students  
VA Hospital, Los Angeles, California
- 10/09/90                      Invited Guest Speaker  
Weekly Conference, St. Vincents Hospital  
Los Angeles, California
- 10/15/90 – 10/17/90      Invited Speaker  
VIII Actualites De Chirurgie Cardio-Vasculaire De L'Hopital  
Broussais, Ischemie Du Myocarde  
Hopital Broussais, Paris, France
- 10/22/90 – 10/24/90      Invited Speaker  
UCLA Extension, Department of Continuing Education  
Course Title: "The Therapeutic Approach to the Diagnosis  
and Treatment of Dyslipidemias"  
Los Angeles, California
- 11/02/90 – 11/03/90      Invited Speaker  
118th Meeting, Pacific Interurban Clinical Club  
UCLA Medical Center, Los Angeles, California
- 12/09/90 – 12/14/90      Invited Speaker  
Korean Society of Cardiovascular & Thoracic surgery  
Seoul, Korea
- 01/24/91 – 01/25/91      Invited Professor  
Kaiser Permanente Hospital, San Francisco, California
- 02/22/91 – 02/24/91      Invited Guest Speaker  
Pathophysiology and Techniques of Cardiopulmonary  
Bypass: IX, San Diego, California

03/14/91 – 03/15/91	<u>Invited Visiting Professor</u> St. Vincent's Hospital, Portland, Oregon
03/21/91 – 03/22/91	<u>Invited Visiting Professor</u> UC Davis, Sacramento, California
05/05/91 – 05/09/91	<u>Invited Foundation Lecturer</u> Royal Australasian College of Surgeons, Sydney, Australia
05/17/91 – 05/24/91	<u>Invited Speaker</u> VI Congress of the Catalonian Society of Cardiac Surgery Barcelona, Spain
05/24/91 – 06/03/91	<u>Invited Speaker</u> Heart Surgery 1991 Symposium, Rome, Italy
06/20/91	<u>Invited Visiting Professor</u> University of Pittsburgh, Pittsburgh, Pennsylvania
06/21/91	<u>Invited Visiting Professor</u> University Hospital, Boston, Massachusetts
06/22/91	<u>Invited Guest Speaker</u> AmSECT Meeting, Boston, Massachusetts
09/20/91 – 09/22/91	<u>Invited Participant</u> AATS Planning Session, Snowbird, Utah
09/25/91	<u>Invited Speaker</u> 2nd International Cardiac, Thoracic & Vascular Anesthesia Update & Review, Carlsbad, California
10/07/91	<u>Invited Visiting Professor</u> Twin City Thoracic and Cardiovascular Surgical Society Minneapolis/St. Paul, Minnesota
10/08/91 – 10/10/91	<u>Invited Visiting Professor</u> University of Toronto, Toronto, Canada
11/03/91	<u>Invited Participant</u> T3 Advisory Group Meeting SmithKline Beecham Pharmaceuticals, Chicago, Illinois

11/07/91 – 11/10/91	<u>Invited Speaker</u> 4th Annual Cardiac Surgery Symposium St. Thomas, Virgin Islands
11/10/91	<u>Invited Participant</u> American Heart Association, Cardiovascular Conference Anaheim, California
11/17/91 – 11/21/91	<u>Invited Speaker</u> 10th Annual Biennial Asian Congress of Thoracic & Cardiovascular Surgery, Bali, Indonesia
11/22/91 – 11/25/91	<u>Invited Speaker</u> 1st Gleneagles Hospital Annual Medical Seminar Singapore, Indonesia
12/12/91 – 12/14/91	<u>Invited Speaker</u> San Diego, California
02/08/92	<u>Invited Guest Speaker</u> 4th Annual Cardiovascular Symposium, Fountain Valley Regional Hospital, Fountain Valley, California
02/27/92 – 03/01/92	<u>Invited Speaker</u> Pathophysiology & Techniques of Cardiopulmonary Bypass XII, San Diego, California
03/10/92 – 03/11/92	<u>Visiting Professor</u> Loyola University, Chicago, Illinois
03/25/92 – 03/27/92	<u>Invited Speaker</u> 92nd Annual Japan Surgical Meeting, Tokyo, Japan
03/27/92 – 03/30/92	<u>Invited Visiting Professor</u> Grantham Hospital, Kowloon, Hong Kong
04/06/92 – 04/08/92	American Surgical Association Palm Springs, California
04/26/92	Donald Ross Surgical Society Los Angeles, California
05/28/92 – 05/30/92	<u>Invited Visiting Professor</u> University of Illinois, Chicago, Illinois

06/17/92 – 06/20/92	<u>Invited Speaker</u> Cardiostim Meeting, Nice, France
06/19/92 – 06/20/92	<u>Invited Speaker</u> C.E.C.E.C. Meeting, Paris, France
06/28/92 – 07/01/92	<u>Invited Speaker</u> Cardiac Surgery, Dreams & Reality, Milan, Italy
09/17/92 – 09/20/92	<u>Invited Speaker</u> 1992 Workshop: New Frontiers in Perioperative Myocardial Management, Naples, Florida
10/13/92	<u>Invited Speaker</u> Lecture "Strategies of Intraoperative Myocardial Protection" London, England
10/16/92 – 10/17/92	<u>Invited Speaker</u> Myocardial Preservation: Current Technology and Future Trends, Atlanta, Georgia
11/16/92 – 11/17/92	<u>Invited Speaker</u> American Heart Association 65th Annual Scientific Sessions New Orleans, Louisiana
12/03/92 – 12/06/92	<u>Invited Speaker</u> International Symposium - New Directions in Cardiovascular Surgery - Cardiology in the 90's, New Delhi, India
12/06/92	<u>Invited Speaker</u> Symposium on Ischemic Heart Disease Riyadh, Saudi Arabia
12/08/92 – 12/09/92	<u>Visiting Professor</u> University of Cairo, Egypt, Cairo, Egypt
12/15/92 – 12/17/92	<u>Visiting Professor</u> Bellinson Hospital, Tel Hashomar Hospital University of Tel Aviv, Beer Sheba Hospital Tel Aviv, Israel
01/25/93 – 01/27/93	<u>Invited Participant</u> Society of Thoracic Surgeons, San Antonio, Texas

01/30/93 – 02/03/93	<u>Invited Visiting Professor</u> University of Toronto, Toronto, Canada
02/18/93 – 02/19/93	<u>Invited Speaker</u> 1st International Symposium, A Coruna, Spain
03/13/93	<u>Invited Visiting Professor</u> Baylor University, Dallas, Texas
03/14/93 – 03/18/93	<u>Invited Participant</u> American College of Cardiology, Anaheim, California
03/25/93 – 03/27/93	<u>Invited Visiting Professor</u> University of Wisconsin, Madison, Wisconsin
04/25/93	1st Annual Cardiac Surgical Biology Club, Chicago, Illinois
04/26/93 – 04/28/93	AATS, Chicago, Illinois
05/07/93	<u>Invited Participant &amp; Speaker</u> Second International Symposium on Coronary Artery Disease, Yonsei Cardiovascular Center Seoul, Korea
05/25/93 – 05/28/93	<u>Invited Speaker</u> 5th International Symposium, Rome, Italy
06/04/93 – 06/05/93	<u>Invited Speaker</u> 1st Seminar on Advance for Myocardial Protection in Heart Surgery, Valencia, Spain
06/04/93 – 06/06/93	<u>Invited Speaker</u> Duke University Medical Center, Durham, North Carolina
08/27/93 – 08/30/93	<u>Invited Speaker</u> 3rd National Congress of Experimental Surgery 2nd International Congress of Surgery Bela Horizonte, Brazil
09/09/93 – 09/11/93	<u>Invited Lecturer</u> Canadian Society of CV & Thoracic Surgeons 1993 Wilfred Bigelow Lecture Annual Meeting of The Royal College of Physicians and Surgeons of Canada, London, Ontario

- 09/16/93 – 09/17/93      Invited Speaker  
"Current Techniques of Myocardial Protection" Meeting  
Universita di Chieti, Chieti, Italy
- 10/05/93                      Invited Speaker  
Ninth Annual Cardiovascular Symposium  
Hartford Hospital, Hartford, Connecticut
- 10/07/93                      Invited Guest Speaker  
University of Florida, Gainesville, Florida
- 10/08/93 – 10/09/93      Invited Speaker  
Presentation, Ft. Lauderdale, Florida
- 11/05/93                      Invited Speaker  
1993 Congress: "Acute Myocardial Infarct:  
Active medico-surgical recanalization, Yes or No –  
How and When"  
Centre Cardio-Thoracique De Monaco  
Monte Carlo, Monaco
- 11/15/93 – 11/17/93      Invited Speaker  
International Coronary Surgery Symposium  
Buenos Aires, Argentina
- 11/21/93 – 11/25/93      Invited Speaker  
11th Biennial Asian Congress on Thoracic & CV Surgery  
Kuala Lumpur, Malaysia
- 01/06/94 – 01/09/94      Invited Speaker  
Medtronic Symposium, San Diego, California
- 01/19/94                      Invited Speaker  
American College of Surgeons/Southern California Chapter  
Newport Beach, California
- 01/22/94                      Invited Speaker  
Cardiothoracic Surgery Specialty Subsection  
Southern California Chapter of the American College of  
Surgeons, Newport Beach, California
- 01/29/94                      Invited Speaker  
Pre-STS Meeting Symposium on Myocardial Stunning  
New Orleans, Louisiana

01/30/94	<u>Invited Speaker</u> Academy of Perfusion New Orleans, Louisiana
02/05/94 – 02/07/94	<u>Invited Speaker</u> San Antonio Surgical Society, San Antonio, Texas
02/16/94 – 02/19/94	<u>Invited Speaker</u> German Society of Thoracic & CV Surgery, Bonn, Germany
02/20/94 – 02/23/94	<u>Invited Speaker</u> 4th World Congress of ISCTS, Jerusalem, Israel
02/24/94 – 02/27/94	<u>Invited Speaker</u> Pathophysiology & Techniques of Cardiopulmonary Bypass XIII, San Diego, California
03/16/94 – 03/18/94	<u>Invited Visiting Professor</u> University of Alabama, Birmingham, Alabama
03/26/94 – 03/31/94	<u>Invited Speaker</u> 18th Japanese Myocardial Preservation Meeting Tokyo, Japan
04/14/94 – 04/16/94	<u>Invited Speaker</u> American Society for Artificial Internal Organs San Francisco, California
04/24/94 – 04/27/94	AATS Meeting New York, New York
05/28/94 – 05/31/94	<u>Invited Visiting Professor</u> Contract Professorship University of Chieti, Chieti, Italy
06/05/94 – 06/07/94	<u>Invited Guest Speaker</u> Society of French Speaking Cardiac Surgeons Monte Carlo, Monaco
08/05/94 – 08/06/94	<u>Invited Guest Speaker</u> Michigan Society of CT Surgeons, Detroit, Michigan
08/18/94 – 08/19/94	<u>Invited Speaker</u> 1st International Symposium on Cardiology & CV Surgery Cordoba, Argentina



- 09/24/94 – 09/27/94      Invited Speaker  
"Cardioplegia Strategies in Acquired Heart Disease"  
Annual Clinical Assembly of Osteopathic Specialists  
American College of Osteopathic Surgeons Annual Meeting  
Washington, D.C.
- 09/25/94 – 09/28/94      Invited Speaker  
"Blood Cardioplegia", Myocardial Protection from Surgical  
Ischemic-Reperfusion Injury  
Wake Forest University Symposium  
Asheville, North Carolina
- 09/29/94                      Invited Guest Speaker  
"Innovative Trends of Myocardial Preservation"  
Charleston Area Medical Center  
Charleston, West Virginia
- 10/05/94 – 10/07/94      Invited Guest Faculty Speaker  
"Myocardial Protection Now & in the Year 2000"  
Cardiac Residents' Program on Cardiovascular Surgery  
Newport Beach, California
- 10/07/94 – 10/08/94      Invited Participant  
"Integrated Myocardial Protection"  
II International Symposium Myocardial Preservation:  
Looking toward the 21st Century  
ProMedica International, Chicago, Illinois
- 10/11/94                      Invited Speaker and Invited Visiting Professor  
Gundersen Medical Foundation  
Wisconsin Heart Institute  
La Crosse, Wisconsin
- 10/28/94 – 10/29/94      Invited Speaker  
Controversias Cardioquirurgicas  
Hospital de Navarra  
Pamplona, Spain
- 11/06/94 – 11/10/94      Invited Speaker and Visiting Professor  
IV Congress of Cardiac Surgery  
Puerto Vallarta, Jal., Mexico

- 11/16/94 – 11/19/94      Invited Speaker and Visiting Professor  
International Workshop on Arterial Conduits for Myocardial  
Revascularization Universita' Cattolica  
Policlinico Universitario "A. Gemelli", Rome, Italy  
"Update on Current Techniques of Myocardial Protection"
- 01/30/95 – 02/01/95      Invited Speaker, "Meet the Experts" Session  
The Society of Thoracic Surgeons  
Palm Springs, California
- 02/11/95                      Invited Speaker: "Myocardial Salvage: Cardiac Surgery"  
The 1st Annual Cardiology Symposium for the Primary Care  
Practitioner on Interventional Cardiology and Heart  
Disease in the 90s  
St. Mary's Desert Vally Hospital  
Apple Valley, California
- 02/23/95 – 02/26/95      Invited Speaker  
15th Annual San Diego Cardiothoracic Surgery Symposium:  
Pathophysiology & Techniques of Cardiopulmonary Bypass  
Cardiothoracic Research & Education Foundation  
San Diego, California  
"Revascularization for Acute Myocardial Infarction:  
Medical or Surgical"
- 03/07/95 – 03/12/95      National Heart Institute  
ACE/UCLA Visit, Kuala Lumpur, Malaysia
- 03/12/95 – 03/19/95      Invited Speaker  
Cardiology Update V, Indonesian Heart Association  
Jakarta, Indonesia
- 03/19/95 – 03/22/95      Invited Co-Chairman: Symposia 613  
Myocardial Protection/Perfusion
- Invited Speaker: Symposia 613  
Myocardial Protection/Perfusion  
"Metabolic Enhancement of Perfusates"
- Invited Speaker: Symposia 616  
Coronary Artery Bypass Grafting  
"The Role of Coronary Artery Bypass Graft Surgery in  
Acute Myocardial Infarction"  
44th Annual Scientific Session  
American College of Cardiology, New Orleans, Louisiana

- 03/27/95 – 03/29/95      Invited Visiting Professor and Invited Guest Speaker  
Philadelphia Academy of Cardiology  
Philadelphia, Pennsylvania  
“Myocardial Preservation”
- 03/30/95 – 04/01/95      Invited Speaker  
Left Ventricular Function in Valvular Heart Disease  
Royal Society of Medicine, London, United Kingdom  
"Myocardial preservation during heart valve surgery"
- 04/04/95 – 04/05/95      Invited Visiting Professor and Invited Guest Speaker:  
Mayo Clinic  
Rochester, Minnesota  
"Recent Advances in Myocardial Protection"
- 04/06/95 – 04/09/95      Invited Participant  
5th Annual Cardiac Surgery Fellows Symposium,  
"Current Techniques and Future Directions"  
Minneapolis, Minnesota  
"A Review of Myocardial Protection Techniques in Adults"
- 04/20/95 – 04/22/95      Invited Speaker  
"Exploring the Mitral Valve: A Perspective for the 90's"  
The Buffalo General Hospital & The State University of New  
York at Buffalo, Buffalo, New York  
"Cardioplegia - Warm or Cold?"
- 04/23/95 – 04/26/95      AATS - Boston, Massachusetts
- 05/29/95 – 06/01/95      Invited Speaker  
6th International Symposium on Cardiac Surgery,  
"Heart Surgery 1995"  
Ospedale San Camillo, Rome, Italy  
“Integrated Myocardial Protection with Blood Cardioplegia”
- 06/07/95                      Invited Speaker  
Sixth European Congress on  
Extra-Corporeal Circulation Technology  
Pre-Congress Workshop "New Directions on  
Blood Cardioplegia, Genva, Belgium
- 06/08/95 – 06/10/95      Invited Visiting Professor  
Polyclinique St Roch  
Montpellier, France

06/11/95 – 06/13/95	<u>Invited Visiting Professor</u> Muller Hospital Mulhouse, France
06/13/95 – 06/14/95	<u>Invited Visiting Professor</u> Pontchaillou Hospital, Rennes, France
06/18/95 – 06/21/95	<u>Invited Speaker</u> Rocky Mountain Valve Symposium '95 St. Patrick Hospital, Missoula, Montana "Myocardial Preservation Technique"
07/29/95 – 08/05/95	<u>Invited Visiting Professor</u> Hospital Angelina Caron, Curitiba, Brazil
08/18/95	<u>Invited Speaker</u> National Norwegian Hospital, Oslo, Norway "New Concepts in Myocardial Protection – Integrated Myocardial Management"
08/22/95	<u>Invited Participant</u> Scandinavian Association for Thoracic Surgery Teleconference, Linkoping, Sweden
08/23/95 – 08/25/95	<u>Honored Guest Speaker</u> Scandinavian Thoracic Surgical Meeting, Orebro, Sweden
08/25/95 – 08/28/95	<u>Invited Guest Speaker</u> The National University Hospital, Copenhagen, Denmark
09/29/95 – 09/30/95	<u>Honored Guest</u> Symposium, Freiburg, Germany
10/13/95	<u>Invited Guest Speaker</u> Annual Cardiac Surgery Symposium Maine Medical Center, Portland, Maine
11/08/95 – 11/10/95	<u>Invited Visiting Professor and Guest Lecturer</u> First Annual Distinguished Surgical Scientist Lecture Kaiser Permanente Hospital (Oakland) Oakland, California

- 11/15/95 – 11/17/95      Invited Speaker: Myocardial Protection  
12th Biennial Asian Congress on Thoracic  
& Cardiovascular Surgery  
Tokyo, Japan
- 12/01/95 – 12/03/95      Invited Speaker  
Panhellenic Congress of Thoracic & Cardiovascular Surgery  
Athens, Greece
- 12/04/95 – 12/05/95      Invited Speaker  
XXIII International Meeting on Cardiovascular Update  
XVII Meeting of the Society of Cardiac Surgeons  
Madrid, Spain  
"Myocardial Protection"
- 01/29/96 – 01/31/96      Invited Scientific Session Moderator:  
Forum I: Myocardial Protection  
The Society of Thoracic Surgeons  
Orlando, Florida
- 02/13/96                      Invited Participant: Clinical Advisory Meeting  
Ribi ImmunoChem Research, Inc.  
Los Angeles, California
- 02/22/96 – 02/24/96      Invited Speaker  
Cardiac Dysfunction and Heart Failure Symposium  
Clinica Cardiovascular Santa Maria  
Medellin, Colombia
- 02/29/96 – 03/03/96      Invited Participant  
16th Annual San Diego Cardiothoracic Surgery Symposium  
*Pathophysiology & Techniques of Cardiopulmonary Bypass*  
San Diego, California
- 03/14/96                      Invited Visiting Professor  
Surgical Grand Rounds  
Columbia-Presbyterian Medical Center  
College of Physicians & Surgeons of Columbia University  
New York, New York
- 04/16/96 – 04/19/96      Invited Visiting Professor  
Carraway Methodist Medical Center, Birmingham, Alabama
- 04/26/96 – 04/27/96      Cardiac Surgical Biology Club  
San Diego, California

- 05/01/96 – 05/06/96      Invited Visiting Professor  
International Center for Cardiothoracic Surgery  
Buffalo General Hospital  
Buffalo, New York
- 05/09/96 – 05/12/96      Invited Visiting Professor  
Stockton, California
- 08/18/96 – 08/21/96      Invited Speaker  
Missoula, Montana
- 12/01/96 – 12/05/96      Invited Visiting Professor  
Shonan Kamakura General Hospital  
Kamakura, Japan
- 02/20/97                      Invited Speaker  
HCI International Medical Centre, Glasgow, Scotland  
“Hypoxia and Reoxygenation: from Basic Science to  
Paediatric Cardiac Surgery”
- 05/04/97 – 05/07/97      AATS 77<sup>th</sup> Annual Meeting - Washington, D.C.
- 04/15/97 – 04/26/97      Invited Visiting Professor  
Yonsei Cardiovascular Center  
Seoul, Korea
- Pusan Don-Ah University Hospital  
Pusan, Korea
- Kyungpook Nat’l Univesity Hospital  
Taeku, Korea
- Dankook University Hospital  
Chunan, Korea
- 05/11/97 – 05/15/97      Invited Speaker  
2<sup>nd</sup> World Congress of Pediatric Cardiology  
and Cardiac Surgery  
Honolulu, Hawaii  
“Resuscitation of Energy-Depleted Heart”
- 08/28/97 – 08/30/97      Invited Speaker  
VI Argentine Cardiovascular Surgeons Meeting  
Mendoza, Argentina

- November 7, 1997      Invited Speaker  
1<sup>st</sup> International Meeting on Recent Advances in  
Cardiovascular Surgery, Marilia, Brazil  
“Integrated Myocardial Protection Techniques”
- November 13-15, 1997      Invited Speaker  
International Symposium on Cardiothoracic and  
Vascular Anesthesia  
Mexico City, Mexico
- December 14-17 1997      Invited Visiting Professor  
University of Virginia, Charlottesville, Virginia
- 05/03/98 – 05/06/98      Attendee  
American Association of Thoracic Surgery  
Boston, Massachusetts  
CME 17 Hours Credit, Category I
- 09/20/98 – 09/23/98      Attendee  
12<sup>th</sup> Annual Meeting of the European Association for  
Cardiothoracic Surgery, Brussels, Belgium
- 11/09/98      Invited Moderator  
American Heart Association 71<sup>st</sup> Meeting  
Council on Cardio-Thoracic & Vascular Surgery  
“How-to Session #1.19”  
*New Techniques of Myocardial Protection*  
Dallas, Texas  
CME 25 Hours Credit, Category I
- 12/15/98      Invited Visiting Professor & Invited Guest Lecturer  
Columbia University College of Physicians & Surgeons  
Cardiology Division, New York, New York
- 01/25/99 – 01/27/99      Attendee and Co-Presenter  
The Society of Thoracic Surgeons  
San Antonio, Texas  
CME 20 Hours Credit, Category I
- 02/20/99 – 02/25/99      Invited Lecturer  
Tokyo, Japan

- 03/01/99 – 03/03/99      Invited Visiting Professor and Invited Lecturer  
Anzhen Hospital  
Beijing Institute of Heart, Lung & Blood Vessel Disease  
Workshop on Ischemic Heart Disease: The surgical  
treatment of ischemic dilatation of left ventricle
- 04/18/99 – 04/21/99      Invited Lecturer  
Adult Cardiac Surgery Symposium  
Session III-Ventricular Restoration, “Basic Concepts”  
New Orleans, Louisiana
- 25 April 1999              Invited Participant  
Society of Cardiovascular Anesthesiologists:  
“Risk Management in Cardiac Anesthesia: Recent  
Developments in Organ System Preservation”  
Chicago, Illinois
- 04/30/99                  Invited Visiting Professor and Guest Speaker  
University of Pittsburgh, Pittsburgh, Pennsylvania
- 05/22/99 – 05/26/99      Invited Visiting Professor  
University of Heidelberg, Heidelberg, Germany
- 05/28/99 – 05/31/99      Invited Lecturer  
7<sup>th</sup> Annual Meeting of the Asian Society for Cardiovascular  
Surgery, Singapore
- 07/10/99 – 07/11/99      Invited Faculty Member and Speaker  
The International Heart Institute of Montana  
“Rocky Mountain Heart Failure Symposium”  
Missoula, Montana
- 07/23/99                  Invited Speaker  
Cardiology Grand Rounds  
“New Approaches to Congestive Heart Failure”  
UCLA Medical Center, Los Angeles, California
- 08/05/99 – 08/08/99      Invited Speaker  
26<sup>th</sup> Annual Meeting of the South Atlantic Cardiovascular  
Society, Jacksonville, Florida
- 08/08/99 – 08/13/99      Invited Faculty Member and Lecturer  
The International Heart Institute of Montana  
“Rocky Mountain Valve Symposium”  
Missoula, Montana



- 09/20/99 – 09/24/99      Invited Lecturer  
Cardiologia 99, Milan, Italy
- Invited Visiting Professor  
Ospedale San Donato  
Milan, Italy
- 10/01/99 – 10/02/99      Invited Visiting Professor and Lecturer  
Heart Failure Summit V  
The Cleveland Clinic, Cleveland, Ohio
- 10/10/99 – 10/15/99      Invited Course Moderator  
American College of Surgeons, San Francisco, California  
CME 48 Hours Credit, Category I
- 11/05/99                      Invited Lecturer  
New Approaches to Heart Failure Meeting  
Monte Carlo, Monaco
- 11/07/99 – 11/10/99      Attendance at Meeting and Abstract Presentation  
(by Dr. C.L. Athanasuleas)  
American Heart Association, Atlanta, Georgia  
CME 17 Hours Credit, Category I
- 11/23/99                      Invited Speaker  
UCLA Division of Cardiothoracic Surgery Grand Rounds  
“Concepts for the Beating Open Heart vs. Cardioplegia for  
Heart Failure”  
Los Angeles, California
- 12/02/99 – 12/03/99      Invited Lecturer  
XXVII International Meeting on Cardiovascular Updating XXI  
Meeting of the Society of Cardiac Surgeons  
Barcelona, Spain
- 01/05/00                      Invited Speaker  
Cardiac Surgery Grand Rounds  
Brigham & Womens Hospital  
Harvard Medical School  
Boston, Massachusetts

- 02/08/00 – 02/13/00      Invited Speaker  
3<sup>rd</sup> Annual Comprehensive Review of Intraoperative Echo  
Society of Cardiovascular Anesthesiologists  
San Diego, California  
CME 24 Hours Credit, Category I
- 03/01/00 – 03/03/00      Invited Visiting Professor  
Asheville Cardiovascular & Thoracic Surgeons  
Mission St. Joseph's Hospital  
Asheville, North Carolina
- 04/30/00 – 05/03/00      AATS  
Toronto, Ontario, Canada
- 08/08/00 – 08/11/00      Honored Guest Lecturer  
*Innovators of the 21<sup>st</sup> Century*  
Rocky Mountain Valve Symposium, Rocky X – 2000  
Missoula, Montana  
Lecture: "Left Ventricular Restoration"
- 11/12/00 – 11/15/00      Invited Session Moderator  
American Heart Association Committee on  
Scientific Sessions, New Orleans, Louisiana
- 12/07/00 – 12/09/00      Invited Lecturer  
2<sup>nd</sup> International Meeting of the Onassis Cardiac Surgery  
Center, Athens, Greece
- 12/16/00                      Invited Lecturer  
3<sup>rd</sup> International Symposium on the Pathophysiology of  
Cardiopulmonary Bypass Aachen, Germany
- 01/29/01 – 01/31/01      37<sup>th</sup> Annual Meeting of the Society of Thoracic Surgeons  
New Orleans, Louisiana
- 02/12/01 – 02/17/01      Invited Speaker  
Society of Cardiovascular Anesthesiologists  
4<sup>th</sup> Annual Comprehensive Review and TEE Update  
San Diego, California  
CME 25.5 Hours Credit, Category I
- 03/18/01 – 03/21/01      American College of Cardiology, Orlando, Florida

- 05/04/01 – 05/05/01      4<sup>th</sup> International Symposium on  
REDO Cardiac Surgery in Adults, San Diego, California  
CME 10 Hours Credit, Category I
- 05/05/01 – 05/09/01      Invited Basic Science Lecturer  
The American Association for Thoracic Surgery  
81<sup>st</sup> Annual Meeting
- Invited Speaker  
“Rationale Behind New Non-transplant Surgical Approaches  
to Advanced LV Dysfunction and CHF”  
CME 25 Hours Credit, Category I
- 05/18/01                      Invited Honored Guest  
Distinguished Alumni Awardee  
University of Cincinnati College of Medicine  
Medical Alumni Association, Cincinnati, Ohio
- 08/08/01 – 08/ 11/01      Invited Lecturer  
Rocky Mountain Valve Symposium, Rocky XI– 2001  
Missoula, Montana
- 10/04/01 – 10/06/01      Invited Lecturer  
*Cardiology Update 2001*  
American College of Cardiology, Carmel Valley, California  
Lecture: “Are There Effective Surgical Approaches”?  
CME 12 Hours Credit, Category I
- 2/05/02-2/7/02              Invited Lecturer  
University of Alexandria  
Italy
- 5/15/02-5/17/02              Visiting Professor  
Ohio State University
- 9/17/02-9/19/02              Visiting Professor  
University of Louisville  
Louisville, Kentucky
- 10/16/02-10/19/02              Visiting Professor  
University of Freiburg  
Freiburg, Germany
- 11/05/02-11/7/02              Invited Lecturer  
University of Hong Kong

1/19/03	<u>Invited Lecturer</u> Society of Thoracic Surgeons San Diego, CA
2/11/03-2/12/03	<u>Visiting Professor</u> Bryn Mawr Hospital Bryn Mawr, PA
2/19/03	<u>Invited Lecturer</u> Society of Cardiovascular Anesthesiologists San Diego, CA
2/25/03-2/27/03	<u>Invited Lecturer</u> Texas Heart Institute Houston, Texas
3/05/03 -3/07/03	<u>Invited Lecturer</u> Ohio State University Columbus, Ohio
3/21/03	<u>Invited Lecturer</u> Good Samaritan Hospital Los Angeles, CA
4/09/03 – 4/11/03	<u>Invited Lecturer</u> American College of Cardiology Chicago, IL
4/22/03	<u>Invited Lecturer</u> Tri-Cities Heart Symposium Richland, WA
4/26/03 – 4/30/03	<u>Invited Lecturer</u> Society of Cardiovascular Anesthesiologists Miami, FL
5/1/03 – 5/2/03	<u>Special Lecturer</u> ACTS Promedica International New York, NY
5/8/03 - 5/9/03	<u>Invited Speaker</u> Borgess Heart Institute Kalamazoo, MI

5/13/03 - 5/15/03	<u>Visiting Professor</u> University of Cincinnati Cincinnati, OH
5/20/03 - 5/21/03	<u>Visiting Professor</u> Tufts – New England Medical Center Boston, MA
5/21/03 – 5/25/03	<u>Invited Speaker</u> Wake Forest University Key West, FL
6/5/03 – 6/6/03	<u>Invited Speaker</u> Beaumont Hospital Detroit, MI
6/12/03 – 6/13/03	<u>Special Lecturer</u> 2 <sup>nd</sup> International Congress of Invasive Cardiology Guadalajara, Mexico
6/19/03 – 6/20/03	<u>Invited Lecturer</u> Edwards Lifesciences Tokyo & Osaka, Japan
7/31/03 – 8/2/03	<u>Special Lecturer</u> Society of Thoracic and Cardiovascular Surgeons Acme, MI
9/8/03 – 9/13/03	<u>Special Lecturer</u> SUNY Downstate Maimonides Medical Center Newark Beth Israel Medical Center New Jersey/New York
9/18/03 – 9/20/03	<u>Invited Lecturer</u> Corso di Cardiochirurgia Alessandria, Italy
10/8/03 – 10/10/03	<u>Invited Lecturer</u> University of Texas Medical School Houston, TX
11/7/03 – 11/8/03	<u>Invited Lecturer</u> American Heart Association, Orlando, FL

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| 11/16/03 – 11/19/03 | <u>Invited Lecturer</u><br>Asian Association of Thoracic and Cardiovascular Surgeons<br>Bangkok, Thailand        |
| 12/10/03 – 12/11/03 | <u>Invited Lecturer</u><br>Cardiology/Cardiac Symposium<br>Maimonides Medical Center<br>New York, NY             |
| 1/23/04 – 1/25/04   | <u>Special Lecturer</u><br>American Academy of Cardiovascular Perfusion<br>San Antonio, TX                       |
| 2/9/04 – 2/13/04    | <u>Invited Lecturer</u><br>Cardiovascular Conference<br>William Beaumont Hospital<br>Beaver Creek, CO            |
| 4/7/04 – 4/9/04     | <u>Invited Lecturer</u><br>Japanese Society of Surgeons<br>Osaka, Japan  |
| 4/15/04 – 4/17/04   | <u>Special Lecturer</u><br>Brazilian Congress of Cardiovascular Society<br>Curitiba, Brazil                      |
| 5/14//04 – 5/15/04  | <u>Invited Lecturer</u><br>Current Trends in Cardiothoracic Surgery<br>Baylor College of Medicine<br>Houston, TX |
| 6/11/04             | <u>1<sup>st</sup> Moore Lecturer</u><br>American Association of Clinical Anatomy<br>Moraga, CA                   |
| 9/11/04 – 9/12/04   | <u>Invited Lecturer</u><br>Progress in Treatment of Cardiovascular Diseases<br>Galloway, New Jersey              |
| 10/20/04 – 10/22/04 | <u>Special Guest Speaker</u><br>Japanese Association for Thoracic Surgery<br>Sapporo, Japan                      |

11/5/04 – 11/6/04	<u>Invited Lecturer</u> Resuscitation Science Symposium New Orleans, LA
11/10/04 – 11/13/04	<u>Invited Lecturer</u> Bakoulev Scientific Center for Cardiovascular Surgery Moscow, Russia
11/16/04	<u>Visiting Professor</u> Allegheny General Hospital Pittsburgh, PA
1/7/05 – 1/9/05	<u>Invited Lecturer</u> New Era Cardiac Care Laguna Niguel, CA
1/11/05 – 1/12/05	<u>Invited Lecturer</u> 2 <sup>nd</sup> Asian Pacific Congress of Heart Failure Singapore
2/12/05	<u>Special Lecturer</u> Genesys Regional Medical Center Grand Blanc, MI
3/20/05-3/24/05	<u>Invited Lecturer</u> 21 <sup>st</sup> Annual Cardiovascular Conference at Lake Louise Alberta, Canada
5/27/05-5/29/05	<u>Invited Lecturer</u> Royal Liverpool Children's Hospital Alder Hey Conference Liverpool, England
6/9/05-6/11/05	<u>Special Lecturer</u> Heart Failure Conference Policlinico San Donato Milan, Italy
6/16/05-6/18/05	<u>Invited Lecturer</u> Japanese Society of Interventional Cardiology Tokyo, Japan
6/23/05-6/24/05	<u>Invited Lecturer</u> Henry Ford Heart and Vascular Institute Detroit, MI

- 7/18/05-7/19/05      Visiting Professor  
Montefiore Hospital & Albert Einstein Center  
New York, NY
- 9/1/05-9/3/05      Invited Lecturer  
Severance Hospital  
Yonsei University College of Medicine  
Seoul, Korea
- 10/21/05      Invited Lecturer  
Jefferson Medical College  
Philadelphia, PA
- 10/27/05      6<sup>th</sup> Marvin Liggett, M.D. Lecture  
St. Joseph Hospital  
Denver, Colorado
- 11/4/05      Winner of 2005 Freddie Award  
For DVD of "The Helical Heart"  
in category of Basic and Clinical Science  
as well as Surgeon General Award  
for Outstanding Health Professional Entry
- 2/1/06      Invited Lecturer  
STS  
Chicago, IL
- 3/29/06      Invited Lecturer  
Jikei University  
Japanese Forum on Myocardial Protection  
Tokyo, Japan
- 4/7/06      Invited Lecturer  
Olathe Medical Center Heartbeat Conference 2006  
Olathe, Kansas
- 4/28/06      Invited Lecturer  
Cardiothoracic Surgical Critical Care Conference 2006  
Washington, DC



- 4/30/06                    Invited Lecturer  
AATS  
Adult Cardiac Surgery Symposium  
Congenital Heart Disease Symposium  
Philadelphia, PA
- 5/24/06                    Ochsner Lecture  
Ochsner Clinic  
New Orleans, LA
- 6/9/06                    Invited Lecturer  
Spanish National Meeting of Cardiovascular Surgery  
Valencia, Spain
- 9/29/06                    Invited Lecturer  
UK National Review Course in Cardiothoracic Surgery  
Birmingham, UK
- 2/10/07                    Invited Lecturer  
53<sup>rd</sup> Annual Conference of the Indian Association of  
Cardiovascular Thoracic Surgeons  
Jaipur, India
- 2/15/07                    Invited Lecturer  
National University Hospital, The Heart Institute  
Singapore
- 2/21/07                    Invited Lecturer  
37th Annual Meeting of Japanese Society for Cardiovascular  
Surgery  
Tokyo, Japan
- 6/22/07                    Invited Lecturer  
Montefiore Medical Center  
Success with Heart Failure  
New York, NY
- 11/25/07                    Invited Lecturer  
ATCSA  
Bali, Indonesia
- 1/29/08                    Invited Lecturer  
1<sup>st</sup> Congress of Thoracic and Cardiovascular Surgery  
Bursa, Turkey

- 5/3/08                    Invited Lecturer  
18<sup>th</sup> WSCTS World Congress  
Kos Island, Greece
- 6/13/08                    Invited Faculty  
New Frontiers in Heart Failure Management  
Naples, Italy
- 7/15/08-7/18/08        Invited Lecturer  
Japanese Coronary Surgery Association  
Tokyo, Japan
- 10/14-10/18/08        Invited Lecturer  
TEDA International Cardiovascular Hospital  
Tianjin, China
- 2/15-2/18/09            Invited Lecturer  
Annual Meeting of the German Society for Thoracic and  
Cardiovascular Surgery  
Stuttgart, Germany
- 5/4-5/5/09              Invited Lecturer  
International Emergency Cardiopulmonary Bypass  
Network Conference  
Philadelphia, PA
- 6/16–6/24/09            Invited Lecturer  
13th European Congress on Extracorporeal Circulation  
Technology at Aarhus  
Aarhus, Denmark
- 8/18-8/21/09            Clarence Crafoord Lecture  
Scandinavian Society of Cardiovascular Surgery  
Stockholm, Sweden
- 9/11-9/13/09            Invited Lecturer  
International Heart Forum Beijing  
Beijing, China
- 9/18-9/20/09            Invited Lecturer  
57<sup>th</sup> Scientific Session of Japanese College of Cardiology  
Sapporo, Japan

10/6-10/8/2009	<u>Visiting Professor</u> University of Kentucky Lexington, KY
10/22-10/25/2009	<u>Invited Lecturer</u> South Africa Heart Congress 2009 Johannesburg, SA
11/6-11/8/2009	<u>Invited Lecturer</u> American Association of Medical Colleges Boston, MA
2/27-3/1/2010	<u>Invited Lecturer</u> CTCOMCON 2010 New Delhi, India
11/11-11/13/2011	<u>Invited Lecturer</u> American Heart Association Scientific Sessions Orlando, FL
1/25/2013	<u>Invited Lecturer</u> 34 <sup>th</sup> Annual Seminar of The American Academy Of Cardiovascular Perfusion Los Angeles, CA
11/22-11/23/2015	<u>Plenary Lecturer</u> Modern Trends in Cardiovascular Surgery Bakoulev Center for Cardiovascular Surgery Recipient of Bakoulev Prize Moscow, Russian Federation
11/1-11/3/2016	<u>Visiting Professor</u> University of Pittsburgh Pittsburgh, PA
1/12-1/14/2017	<u>Visiting Professor</u> OSU Heart and Vascular Center Ohio State University Columbus, OH

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