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UNIVERSITY OF PENNSYLVANIA SCHOOL OF MEDICINE

January 22, 2008

LARRY R. KAISER, M.D.

OFFICE ADDRESS: Department of Surgery
University of Pennsylvania Health System
4 Silverstein Pavilion, 3400 Spruce Street
Philadelphia, PA 19104

CITIZENSHIP: U.S.A.

EDUCATION: 1970 - 1973 B.S. Tulane University, New Orleans, LA
(Summa Cum Laude with Honors in Chemistry)
1973 - 1977 M.D. Tulane University, New Orleans, LA
1992 M.A. (hon) University of Pennsylvania, Philadelphia, PA

POST-GRADUATE AND FELLOWSHIP APPOINTMENTS:

1977 - 1978 Intern in Surgery, University of California, Los Angeles, CA
1978 - 1979 Assistant Resident in Surgery, University of California, Los Angeles, CA
1979 - 1981 Postgraduate Research Surgeon-Fellow in Surgical Oncology,
Division of Surgical Oncology, University of California, Los Angeles, CA (Donald L.
Morton, MD, Chief)
1981 - 1982 Senior Resident in Surgery, University of California, Los Angeles, CA
1982 - 1983 Chief Resident in Surgery, University of California, Los Angeles, CA
1983 - 1984 Senior Resident in Cardiovascular Surgery, University of Toronto, Toronto, Canada
1984 - 1985 Chief Resident in Thoracic Surgery, University of Toronto, Toronto, Canada

MILITARY SERVICE:

None

FACULTY APPOINTMENTS:

1985 - 1988 Assistant Professor, Department of Surgery, Cornell University Medical College,
New York, NY
1988 - 1990 Assistant Professor, Department of Surgery, Washington University School of
Medicine, St. Louis, MO
1990 - 1991 Associate Professor (with Tenure), Department of Surgery, Washington University
School of Medicine, St. Louis, MO
1991 - 1996 Associate Professor (with Tenure), Department of Surgery, University of
Pennsylvania School of Medicine, Philadelphia, PA

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- 1996 - 1997 Professor (with Tenure), Department of Surgery, University of Pennsylvania School of Medicine, Philadelphia, PA
- 1997 – 2005 The Eldridge L. Eliason Professor of Surgery, University of Pennsylvania School of Medicine, Philadelphia, PA
- 2001 - Present The John Rhea Barton Professor and Chairman, Department of Surgery, University of Pennsylvania School of Medicine, Philadelphia, PA

HOSPITAL AND ADMINISTRATIVE APPOINTMENTS:

- 1985 - 1988 Assistant Attending Surgeon, Thoracic Surgery, Memorial Hospital, New York, NY
- 1985 - 1988 Assistant Member, Memorial Sloan-Kettering Cancer Center, Memorial Sloan-Kettering Cancer Center, New York, NY
- 1988 - 1991 Attending Cardiothoracic Surgeon, Barnes Hospital, St. Louis, MO
- 1988 - 1991 Attending Cardiothoracic Surgeon, Jewish Hospital, St. Louis, MO
- 1988 - 1991 Attending Cardiothoracic Surgeon, St. Louis Children's Hospital, St. Louis, MO
- 1988 - 1991 Attending Cardiothoracic Surgeon, St. Louis Regional Medical Center, St. Louis, MO
- 1988 - 1991 Consultant Cardiothoracic Surgeon, Veterans Administration Hospital, St. Louis, MO
- 1990 - 1991 Co-Director, Pediatric Lung Transplantation Program, St Louis Children's Hospital, St. Louis, MO
- 1991 - 1995 Founder and Director, Lung Transplantation Program, University of Pennsylvania Medical Center, Philadelphia, PA
- 1991 - Present Attending Cardiothoracic Surgeon, University of Pennsylvania Medical Center, Philadelphia, PA
- 1991 – 2001 Director, Section of General Thoracic Surgery, University of Pennsylvania Medical Center, Philadelphia, PA
- 1991 - Present Director, Thoracic Oncology Program and Center for Lung Cancer and Related Disorders, University of Pennsylvania Cancer Center, Philadelphia, PA
- 1991 - Present Co-Director, Thoracic Oncology Research Laboratory, University of Pennsylvania Medical Center, Philadelphia, PA
- 1995 - 1999 Chief, General Surgery G Service, University of Pennsylvania Medical Center, Philadelphia, PA
- 2001 - Present Chief of Surgery, Hospital of the University of Pennsylvania, Philadelphia, PA
- 2001 - Present Chairman, Department of Surgery, University of Pennsylvania Medical Center, Philadelphia, PA
- 2006 - Present Surgeon-in-Chief, University of Pennsylvania Health System, Philadelphia, PA
- 2004 - Present Co-Medical Director, Patient Facilitated Services Program and “The Pavilion” In-patient unit
- 2006 - Present Member, Penn Medicine Leadership Group

SPECIALTY CERTIFICATION:

- 1984 American Board of Surgery - Certificate #30217
- 1987 American Board of Thoracic Surgery - Certificate #4543
- 1996 American Board of Thoracic Surgery - Recertification #4543
- 2005 American Board of Surgery - Recertification #30217
- 2006 American Board of Thoracic Surgery – Recertification #4543

LICENSURE:

Pennsylvania MD044147-L
Previously licensed in California, New York, and Missouri

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AWARDS, HONORS AND MEMBERSHIP IN HONORARY SOCIETIES:

1970	Elected to Phi Eta Sigma
1973	Elected to Phi Beta Kappa
1974	Summer Research Fellowship Cancer Association of Greater New Orleans
1976	Elected to Alpha Omega Alpha
1977	Tulane Medical Alumni Association Award
1977	Merck Manual Award, Tulane University School of Medicine
1994	"Top Doc," <i>Philadelphia Magazine</i>
1996	"Top Doc," <i>Philadelphia Magazine</i>
1996	Listed in "Best Doctors in America," Northeast Region
1997	"World Class Doc," <i>Philadelphia Magazine</i>
1997	Top Doctor in America Listing, <i>American Health</i>
1998	Listed in "Best Doctors in America"
1998	University of Pennsylvania Department of Surgery Faculty Teaching Award
1999	<i>Good Housekeeping</i> , March 1999, "Top Women's Cancer Specialists, Lung Cancer"
1999	"Top Doc," <i>Philadelphia Magazine</i>
2001	Castle Connolly "America's Top Doctors"
2002	Castle Connolly "America's Top Doctors"
2002	"Top Doc," <i>Philadelphia Magazine</i>
2003	"Who's Who in the World," 21st Edition
2003	"Who's Who in America" 21st Edition
2004	Listed in "Guide to America's Top Surgeons"
2004	"Top Doc," <i>Philadelphia Magazine</i>
2004	I.S. Ravdin Master Clinician Award, Penn Medicine Awards of Excellence, University of Pennsylvania School of Medicine
2005	Castle Connolly "America's Top Doctors for Cancer" 1st Edition
2005	"Who's Who in America," 60th Diamond Edition
2005	Elected to the Institute of Medicine (IOM) of the National Academies of Science
2006	Consumers' Research Council of America "Guide to America's Top Surgeons," 2006 Edition
2006	"Top Top Doc" Lung Cancer, <i>Philadelphia Magazine</i> (one of 12 selected)
2006	Castle Connolly, "America's Top Doctors for Cancer", 2nd Edition
2007	Who's Who in Medicine and Healthcare
2007	Who's Who in the World
2007	Castle Connolly "America's Top Doctors for Cancer", 3rd Edition
2007	First Prize in the Surgery Category of the British Medical Association Book Awards for Operative Thoracic Surgery, 5th edition. Kaiser LR, Jamieson GG. Hodder Arnold, August 2006
2007	Operative Thoracic Surgery Winner in Category of Scholarly Academic and Reference Books at the BPIF British Book Design and Production Awards
2008	Who's Who in America, 2008

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MEMBERSHIP IN PROFESSIONAL AND SCIENTIFIC SOCIETIES:

National Societies:

American Association for Thoracic Surgery
American College of Chest Physicians
American College of Physician Executives
American College of Radiology
American College of Surgeons (Fellow)
American Society of Clinical Oncology
American Surgical Association
American Thoracic Society
Association for Academic Surgery
Fleischner Society
General Thoracic Surgical Biology Club
General Thoracic Surgical Club
Halsted Society (Member)
Halsted Society (Director 2005-2008)
Institute of Medicine of the National Academies of Science (IOM)
Longmire Surgical Society
Society of Clinical Surgery
Society of Surgical Oncology
Society of Thoracic Surgeons
Society of University Surgeons
Surgical Biology Club II
Thoracic Surgery Foundation for Research and Education Board of Directors, 2006-

Local Societies: College of Physicians of Philadelphia (Fellow)
Friends of National Library of Medicine
John Morgan Society
Penn Club
Pennsylvania Medical Society
Philadelphia Academy of Surgery (Fellow)

NATIONAL AND LOCAL PROFESSIONAL AND SCIENTIFIC COMMITTEES:

Site Review for National Cancer Institute - Southwest Oncology Group, Thoracic Oncology Program
Application, (SWOG/TOP) Seattle, WA 7/90
Ad-Hoc Committee of National Cancer Institute Clinical Investigation Review Committee, Bethesda,
MD 9/90
Society of Thoracic Surgeons
Committee on Practice Guidelines - Chest Wall, Mediastinum and Diaphragm
Committee on Postgraduate Education Committee
Ad Hoc Committee on Circulatory Support and Thoracic Transplantation
Professional Affairs Committee: New Technology (1997-2006)
Strategic Planning Committee
Curriculum Implementation Committee
Clinical Education Resource Group
Workforce on New Technology (STS/AATS) (1997-2006)
STS Representative to the American College of Radiology Appropriateness Criteria
Expert Panel on Radiation Oncology-Lung (2003 to 2007)
Advanced Sterilization Products, Johnson & Johnson Co
Surgeon's Advisory Council, 1999

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American Association for Thoracic Surgery

General Thoracic Surgery Postgraduate Course, Chairman, 1997
Thoracic Surgical Workforce Committee (AATS/STS)
Editorial Advisory Board
Chairman, Cardiothoracic Residents Committee (1999-2000)
Co-Chair, Cardiothoracic Residents Committee (2002-2003)
Cardiothoracic Residents Committee (2001-2003)
Member-at-Large, Program Committee (2001-2004)
New Technology Assessment
Co-Chairman, 2002 AATS Symposium: Developing the Academic Thoracic Surgeon
Co-Chairman, 2003 AATS Symposium: Developing the Academic Thoracic Surgeon
Chair, Local Arrangements for the 2006 AATS 68th Annual Meeting, Philadelphia, PA

American Board of Surgery (Director 2005- present)

American Board of Thoracic Surgery (Director 2001 - 2007)

American Board of Thoracic Surgery

Director
Chair, Credentials Committee
Examination Committee
General Thoracic Subcommittee
Ad Hoc Oral Exam Committee (2005 – present)
Training Programs-Specialty Tracking Committee
Chair, Finance Committee

American Board of Surgery

Director
Credentials Committee
Certifying Examination Committee
Advanced Surgical Practice Committee

American College of Chest Physicians

Credentials Committee 1996-present
Section on Cardiothoracic Surgery, Chairman, 1996-1997

American College of Radiology

Expert Panel on Radiation Oncology, Lung Work Group
Taskforce on Appropriateness Criteria
Expert Panel on ACR Appropriateness Criteria™ Program, 2004 - present

American College of Surgeons

Chairman, Postgraduate Course, General Thoracic Surgery, 1998
Member, Planning Committee for Surgeons as Leaders, 2007 - Present

American Society of Clinical Oncology, Clinical Practice Guidelines, External Reviewer

American Surgical Association, Member, Advisory Membership Committee, 2006 - present

American Thoracic Society

Program Committee, Clinical Section 1997
Expert Task Force; Bronchoscopy Statement, 1998
Coordinating Committee for Continuing Education in Thoracic Surgery, Executive Committee, 1997 - present

National Cancer Institute Initial Review Group (IRG-F) Subcommittee F, Bethesda, MD

Cancer and Leukemia Group B (CALGB), 1988-1991

Thoracic Surgery Committee

General Thoracic Surgical Club, Strategic Planning Committee, 1996 - present

Radiation Therapy Oncology Group (RTOG), 1988-present

Thoracic Surgery Committee

Radiation Therapy Oncology Group (RTOG), 1989-1994

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Surgical Quality Committee
Radiation Therapy Oncology Group (RTOG), 1990-present
Lung Committee
Eastern Cooperative Oncology Group (ECOG), 1991-present
Thoracic Surgical Committee
Lung Committee
Thoracic Surgery Foundation for Research and Education (TSFRE), Research Committee, 1996-1999
Foundation for Thymic Cancer Research (Board of Director)
National Heart, Lung, and Blood Institute Clinical Trials Review Committee, Ad Hoc Reviewer
SESATS, Committee on Lung, Pleura, and Chest Wall
Thoracic Surgery Directors Association, Curriculum Implementation Task Force
The Mesothelioma Applied Research Foundation, Inc, Scientific Advisory Board
The Halsted Society,
Audit Committee
Executive Committee
Vice President for (2008)
President (2009)

Lung Volume Reduction Surgery for Emphysema Program, NIH (National Emphysema Treatment Program (NETT)
Executive Committee
Chairman, Surgical Subcommittee
Panel on Radiation Oncology- Lung Work Group, Committee on Appropriateness Criteria
American College of Radiology Board.
Healthcon/WebMD, Surgical Advisory Board
University of Virginia Health System, Department of Surgery, Surgery Chairs Study Group (2007 to present)

EDITORIAL POSITIONS:

1988 -- Present	Reviewer, <i>Annals of Thoracic Surgery</i>
1988 -- Present	Reviewer, <i>Surgery</i>
1992 -- Present	Reviewer, <i>Cancer</i>
1996 -- Present	Board of Editors, NCI Patient Data Query
1996 -- 1997	Guest Editor, <i>Seminars in Thoracic and Cardiovascular Surgery</i>
1996 -- Present	National Cancer Institute PDQ Adult Treatment Editorial Board
1997 – 2004	Editorial Board, <i>Journal of Thoracic and Cardiovascular Surgery</i>
1998 – 2004	Editorial Board, <i>Annals of Surgical Oncology</i>
2000 -- Present	Editorial Board, <i>Contemporary Surgery</i>
2000 -- Present	Editorial Board, <i>Annals of Surgery</i>
2003 – Present	Editorial Board, <i>ACS Surgery Principles & Practice</i>
2006 – Present	Editorial Board, <i>American Journal of Surgery</i>

ACADEMIC COMMITTEES AT THE UNIVERSITY OF PENNSYLVANIA AND AFFILIATED HOSPITALS:

1988 - 1991	Cancer Committee, Jewish Hospital St. Louis, MO
1988 - 1991	CPR Committee, Jewish Hospital St. Louis, MO
1988 - 1991	Cancer Committee, Barnes Hospital St. Louis, MO
1990 - 1991	Liaison for the Committee on Cancer, Barnes Hospital, St. Louis, MO
1990 - 1991	Capital Expenditure Review Committee, Barnes Hospital, St. Louis, MO
1990 - 1991	Oncology Planning Committee, Barnes Hospital, St. Louis, MO
1992 - 1994	Incident & Occurrence Committee, University of Pennsylvania Medical Center

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1992 - 1993	Tissue Committee, Hospital University of Pennsylvania
1993 - 1994	Medical Record Committee, Hospital University of Pennsylvania
1994 - 1995	Surgical/Invasive Procedure Review Committee, Hospital University of Pennsylvania
1995 - 1996	Steering Committee, School of Medicine, Medical Education Vision for the Twenty-first Century, University of Pennsylvania School of Medicine
1996 - 1998	Clinical Trials Scientific Review and Monitoring, Committee, University of Pennsylvania Medical Center
1996 - 1997	Admissions Interview Panel, University of Pennsylvania School of Medicine
1997 - 2001	Committee on Appointment and Promotions, University of Pennsylvania School of Medicine
1997 - present	Student Standards Committee, University of Pennsylvania School of Medicine
1998	Member Search Committee for Director of the Abramson Cancer Institute
1998 - present	Fetal Therapy Advisory Committee, Children's Hospital of Philadelphia,
1999	Radiology Department Executive Advisory Team, University of Pennsylvania School of Medicine
1999	Chairman, Search Committee for Chairman of Orthopaedic Surgery
2000 - 2001	Strategic Integration Committee, University of Pennsylvania Health System
2000 - present	Surgical Service Line Strategic Planning Committee, University of Pennsylvania School of Medicine
1999 - present	OR Committee, University of Pennsylvania School of Medicine
2000 - 2001	Chairman, Committee on Appointments and Promotions, University of Pennsylvania School of Medicine
1999 - 2000	Vice-Chair, Student Standards Committee, University of Pennsylvania School of Medicine
2001 - present	Member, Medical Board, Hospital of the University of Pennsylvania
2001 - present	OR Executive Committee, University of Pennsylvania School of Medicine
2001 - present	Chairman, Student Standards Committee, University of Pennsylvania School of Medicine
2001 - present	Chairman, Fetal Treatment Oversight Committee, Childrens Hospital of Philadelphia and University of Pennsylvania School of Medicine
2001	Search Committee for Chief Nursing Officer, University of Pennsylvania Health System
2001 - present	Strategic Planning Group, University of Pennsylvania Health System
2001 - present	Academic Review Committee, University of Pennsylvania Health System
2001	Chairman, Search Committee for Department of Medicine Chairman, University of Pennsylvania Medical School
2001 - present	Finance Committee, Clinical Practices of the University of Pennsylvania Health System
2001 - present	Executive Committee, Clinical Practices of the University of Pennsylvania Health System
2001 - present	Steering Committee Standing Chairs, University of Pennsylvania Health System
2001 - present	Standing Committee Department Chairs, University of Pennsylvania Health System
2001 - present	Board of Directors, Clinical Practices of the University of Pennsylvania
2001 - present	Veterans Administration Medical Center Dean's Committee, University of Pennsylvania School of Medicine
2002 - present	McCabe Fund Advisory Committee
2002	Search Committee for Chair Department of Otorhinolaryngology: Head & Neck, University of Pennsylvania School of Medicine
2002 - 2003	Chairman, VIP Donor Task Force, University of Pennsylvania Health System
2002 - present	Ad Hoc Academic Capital Subcommittee of Executive Committee, Clinical Practices of the University of Pennsylvania Health System

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2003 - present	Board of Directors and Steering Committee Chair, Patient Safety Leadership Academy, University of Pennsylvania Health System
2003 - present	Development Committee, Penn Medicine Board of Trustees, University of Pennsylvania Health System
2003 - present	Chairman, Patient Facilitated Services Program, University of Pennsylvania Health System
2004 - present	Steering Committee, Philadelphia Center for Clinical Research, Philadelphia Veteran's Administration Medical Center
2005 - present	Multispecialty Oversight Subcommittee, University of Pennsylvania Health System
2005 - present	Compensation Subcommittee, University of Pennsylvania Health System
2005 - 2006	Committee on Resources and Support of Faculty
2006 - present	Advisory Board, Center for Outcomes Research, Children's Hospital of Philadelphia
2006 - present	Penn Medicine Development Campaign Cabinet
2006 - present	Advisory Board to the Robert Wood Johnson Clinical Scholars Program

LECTURES BY INVITATION, LAST FIVE YEARS:

Jan. 18, 2001	"Lung Cancer." Grand Rounds, Pulmonary and Critical Care, Hospital of the University of Pennsylvania, Philadelphia, PA.
Jan. 27, 2001	"VATS Lobectomy for Lung Cancer." Society of Thoracic Surgery PostGraduate Course, New Orleans, LA.
Feb. 15, 2001	"Thymectomy: New & Old Indications." Grand Rounds, Department of Surgery, Hospital of the University of Pennsylvania, Philadelphia, PA.
Mar. 15, 2001	"Thoracic Surgery for a Neurologic Disease." Grand Rounds, Neurosurgery, Hospital of the University of Pennsylvania, Philadelphia, PA.
Mar. 30, 2001	"Surgical Treatment for a Neurologic Disease." Longmire Surgical Society Scientific Day, Los Angeles, CA.
May 22, 2001	"CO3 Interventions in Pulmonary Medicine." American Thoracic Society, San Francisco, CA.
May 23, 2001	"C2-COPD: New Insights From the National Emphysema Treatment Trial." American Thoracic Society, San Francisco, CA.
May 30, 2001	"Thoracic Surgery for Neurologic Diseases." Grand Rounds, Department of Surgery, Morristown Hospital, Morristown, NJ.
June 12, 2001	"Thoracic Surgery for Neurologic Disorders." Grand Rounds, Department of Surgery, Chestnut Hill Hospital, Philadelphia, PA.
July 1, 2001	"Advances in Thoracic Surgery To Improve Lung Function: LVRS, Transplantation." 1 st Penn Summer Functional Lung Imaging Conference, Philadelphia, PA.
Oct. 6, 2001	"Management of Lung Cancer." Third Annual Lung Cancer Symposium, Little Rock, AR.
Oct. 10, 2001	"Effects of Perfusion Conditions on Oxidative Metabolism: A caveat for studies using isolated perfused lungs." American College of Surgeons Panel Discussion, New Orleans, LA.
Oct. 10, 2001	"Keratinocyte Growth Factor Enhances Post-Pneumonectomy Lung Growth by Alveolar Proliferation." American College of Surgeons Panel Discussion, New Orleans, LA.
Nov. 4, 2001	"Lung Transplantation." Chest 2001 Conference, Philadelphia, PA.
Nov. 4, 2001	"Lung Volume Reduction Surgery." Panel Discussion, Chest 2001 Conference, Philadelphia, PA.
Nov. 5, 2001	"Evidence-Based Approach to Solitary Pulmonary Nodule and Lung Cancer Staging." Chest 2001 Conference, Philadelphia, PA.

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- Dec. 4, 2001 “Surgical Treatment for a Neurologic Disease.” Surgery Grand Rounds, University of Medicine & Dentistry of New Jersey/Robert Wood Johnson Medical School, Camden, NJ.
- Feb. 15, 2002 “Chronic Obstructive Pulmonary Disease.” International Symposium on Pulmonary Disease and Lung Transplantation, Hospital Universitario Ramon Y Cajul, Madrid, Spain.
- Feb. 15, 2002 “Actual Status of Lung Volume Reduction.” International Symposium on Pulmonary Disease and Lung Transplantation, Hospital Universitario Ramon Y Cajul, Madrid, Spain.
- May 4, 2002 “Developing the Academic Surgeon.” American Association of Thoracic Surgeons, Washington, DC.
- May 6, 2002 “Long-Term Outcome of Bilateral Lung Volume Reduction in 250 Consecutive Emphysema Patients.” Discussant for American Association Thoracic Surgeons, Washington, DC.
- May 7, 2002 C. Walton Lillehei Resident Forum Session. Moderator for American Association of Thoracic Surgeons. Washington, DC. May 7, 2002.
- May 8, 2002 “Randomized Clinical Trials Should be the Gold Standard in Clinical Studies for Thoracic Surgery.” Discussant American Association for Thoracic Surgeons, Washington, DC.
- May 23, 2002 “Multimodality Therapy for Non-Small Cell Lung Cancer.” Postgraduate Course in General Thoracic Surgery, Cambridge, MA.
- May 23, 2002 “Sleeve Lobectomy.” Postgraduate Course in General Thoracic Surgery, Cambridge, MA.
- May 23, 2002 “Pulmonary Artery Resection and Reconstruction as an Adjunct to Pulmonary Resection.” Postgraduate Course in General Thoracic Surgery, Cambridge, MA.
- May 23, 2002 “Utility of the Thoracosternotomy Incision (Hemiclamshell).” Postgraduate Course in General Thoracic Surgery, Cambridge, MA.
- May 23, 2002 “Transcervical Thymectomy for Non-Myasthenic Pathology.” Postgraduate Course in General Thoracic Surgery, Cambridge, MA.
- May 24, 2002 “Current Therapy of Malignant Mesothelioma.” Postgraduate Course in General Thoracic Surgery, Cambridge, MA.
- June 28, 2002 “A Thoracic Surgeon’s Perspective on Functional Lung Imaging.” 1st Annual Workshop on Pulmonary Functional Imaging, Philadelphia, PA.
- Sept. 26, 2002 “The State of the Department of Surgery 2003.” Grand Rounds, University of Pennsylvania School of Medicine, Philadelphia, PA.
- Oct. 30, 2002 “Minimal & Maximal Approaches to Thoracic Surgery.” Grand Rounds, UCLA School of Medicine, Los Angeles, CA.
- Dec. 2, 2002 “Thoracic Surgery for a Neurologic Disease.” Rhoads Oration, Philadelphia Academy of Surgery, Philadelphia, PA.
- Jan. 29, 2003 “Prolonged Air Leaks in Post Operative Thoracic Patients.” Panel Discussion, Denver Biomedical, Society of Thoracic Surgeons, San Diego, CA.
- Jan. 30, 2003 “Lung Volume Reduction Surgery: Is It A Standard of Care?” General Thoracic Surgical Forum, Society of Thoracic Surgery, San Diego, CA.
- Apr. 2, 2003 “Resident Education in 2003: An Opportunity Not a Threat.” The Paul Adkins Memorial Lecture, George Washington University, Washington, DC.
- Apr. 10, 2003 “Thoracic Surgery for a Neurologic Disease.” Albert J. Himelfarb Lectureship, Sinai Hospital of Baltimore, Baltimore, MD.
- May 3, 2003 “Randomized Clinical Trials vs Observational Studies: Surgical Research or Comic Opera.” AATS: Developing the Academic Surgeon, Boston, MA.
- May 5, 2003 “General Thoracic Session.” Co-Moderator, AATS, Boston, MA.
- May 5, 2003 “Lung Cancer Resection Combined with Lung Volume Reduction in Patients with Severe Emphysema.” Discussant, AATS, Boston, MA.
- May 20, 2003 “Complex Pulmonary Resections.” Presentation to Residents, Baylor Medical School, Houston, TX.

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- May 21, 2003 "Thoracic Surgery for a Neurologic Disease." Grand Rounds, Baylor Medical Center, Houston, TX.
- Aug. 1-2, 2003 "Lung Cancer Treatment Update." Michigan Society of Thoracic and Cardiovascular Surgeons 39th Annual Meeting, Traverse City, MI.
- Sept. 5, 2003 "Edward Churchill and The Excelsior Surgical Society." The Halsted Society 77th Annual Meeting, Boston, MA.
- Sept. 10, 2003 "Thoracic Surgery for a Neurologic Disease." Grand Rounds, Temple Hospital, Temple University Health System, Philadelphia, PA.
- Mar. 25, 2004 "Current Status of Lung Volume Reduction Surgery." Special Lecture, Tri-Service General Hospital, Taipei, Taiwan.
- Mar. 26, 2004 "Lung Cancer: From Bench Work to Clinical Practice, Focusing on Gene Therapy." Special Lecture, Chang Gung Memorial Hospital, Taipei, Taiwan.
- Mar. 26, 2004 "Multi-Modality Treatment for Lung and Esophageal Cancer." Special Lecture, National Taiwan University Hospital, Taipei, Taiwan.
- Mar. 27, 2004 "Lung Cancer: From Bench Work to Clinical Practice, Focusing on Gene Therapy." Guest Speaker for Keynote Lecture to Annual Conference of Formosan Surgical Association, Taipei, Taiwan.
- Mar. 27, 2004 "Complex Resection for Lung Cancer." Guest Speaker for Keynote Lecture to Annual Conference of Formosan Surgical Association, Taipei, Taiwan.
- Mar. 30, 2004 "Lung Cancer: From Bench Work to Clinical Practice, Focusing on Gene Therapy." Special Lecture, Tzu-Chi Buddhist General Hospital, Taipei, Taiwan.
- Mar. 30, 2004 "Lung Cancer: From Bench Work to Clinical Practice, Focusing on Gene Therapy." Special Lecture, Cancer Committee Conference, Tri Service General Hospital, Taipei, Taiwan.
- Mar. 31, 2004 "Thymectomy for Thymoma and Myasthenia Gravis." Special Lecture, Taipei Veteran General Hospital, Taipei, Taiwan.
- May 6, 2004 "Thoracic Surgery for Neurologic Disease." Grand Rounds, Mercy Fitzgerald Hospital, Mercy Health System, Lansdowne, PA.
- May 6, 2004 "Multi Modality Management of NSCL Cancer Patient." St. Joseph's Hospital Pulmonologists CME Program, Reading, PA.
- May 14, 2004 "Update in the Multidisciplinary Management of Early-stage Non-small Cell Lung Cancer." Course Faculty for CME Certified Course, University of Pennsylvania, Philadelphia, PA.
- May 26, 2004 "Current Role for Invasive Staging in Non-small Cell Lung Cancer." Chester County Hospital Spring Cancer Symposium, West Chester, PA.
- Nov. 19, 2004 "Edward Churchill, The Excelsior Surgical Society, and Evarts Graham." The 12th Annual Charles L. Roper Lecture in General Thoracic Surgery, Washington University, St. Louis, MO.
- Mar. 4, 2005 "State of the Department: A Time for Visionary Leadership." The Wharton Executive Management Program for Academic Surgery Leaders, Wharton/LDI Health Care Management Executive Education Three Day Course, University of Pennsylvania, Philadelphia, PA.
- Apr. 15, 2005 "Surgeon Contribution to The Hospital Bottom Line: Not All Are Created Equal." American Surgical Association 125th Annual Meeting, Palm Beach, FL.
- Apr. 20, 2005 "Update on Surgical Management on Lung Cancer." Faculty Continuing Medical Education Presentation, Hackettstown Regional Medical Center, Hackettstown, NJ.
- Apr. 27, 2005 "Edward Churchill, The Excelsior Surgical Society, and Evarts Graham." Karl B. Absolon History of Medicine Department of Surgery Grand Rounds, The Brody School of Medicine, East Caroline University, Greenville, NC.
- May 17, 2005 "Minimally Invasive Mediastinal Surgery." Georgetown University Hospital, Department of Surgery Grand Rounds, Washington, DC.

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- June 1, 2005 Edward Churchill, The Excelsior Surgical Society and Evarts Graham.” The David Geffen School of Medicine at the University of California Los Angeles, Department of Surgery Grand Rounds, Los Angeles, CA.
- Apr. 5, 2006 “Surgical Treatment for a Neurologic Disease: The Role of Thymectomy in the Treatment of Myasthenia Gravis.” The Page and William Black Post-Graduate School, Mount Sinai School of Medicine, Department of Surgery Grand Rounds, New York, NY.
- June 15, 2006 “Giant Bullous Lung Disease: Evaluation, Selection, Techniques and Outcomes” 2nd General Thoracic Surgery Course, Uludag University, Bursa, Turkey.
- Oct. 26, 2006 “Role of Surgery in Stage III Non-small Cell Cancer of the Lung.” 24th Annual Oncology Update, Lung Cancer 2006: A Multidisciplinary Approach. St. Luke’s Hospital, Chesterfield, MO.
- Nov. 16, 2006 “Handling Risk in Health Systems: Clinical Risk Reduction in Surgery.” ECRI Conference Confronting Dilemmas of Risk Reduction in Healthcare. ECRI’s 14th Annual Conference on Healthcare Practice and Policy, Plymouth Meeting, PA.
- Nov. 18, 2006 “Mesothelioma Yesterday and Today: The University of Pennsylvania Approach.” 8th Annual UCSF/UC Davis Thoracic Oncology Conference, San Francisco, CA.
- Nov. 18, 2006 “Role of Surgery for Mesothelioma Extra Pleural Pneumonectomy.” 8th Annual UCSF/UC Davis Thoracic Oncology Conference, San Francisco, CA.
- Dec. 19, 2006 “Surgical Treatment of a Neurologic Disease.” Visiting Professor, North Shore-Long Island Jewish Health System, Great Neck, NY.
- March 5, 2007 “Beyond Nip/Tuck: New Advances in Cosmetic & Reconstructive Surgery.” With Joseph B. Serletti, M.D. Healthy living – what you need to know program. Penn Medicine in Palm Beach event, Palm Beach, Florida.
- Apr. 20, 2007 “A Surgeon’s Assault on the Thymus Gland.” 16th Annual Visiting Scholar in Cardiothoracic Surgery, University of Washington, Seattle, WA.
- May 1, 2007 “The Physical Genius: What do Yo Yo Ma, Tiger Woods and Bill Cioffi Have in Common?” Resident Lecture, 36th J. Murray Beardsley Surgeon-in-chief Pro Tempore, Brown Medical School, Providence, RI.
- May 2, 2007 “A Surgeon’s Assault on the Thymus Gland.” Surgery Grand Rounds, 36th J. Murray Beardsley Surgeon-in-chief Pro Tempore, Brown Medical School, Providence, RI.
- Oct 18, 2007 “Surgical Cure of a Neurologic Disease”. Surgery Grand Rounds. Emory University School of Medicine, Atlanta, GA
- Oct 23, 2007 “Benign Tracheal Strictures”, Invited lecture, CHEST 2007, Chicago, Ill.
- Oct 20, 2007 “Operating with Mechanical Arms: Recent Advances in Robotic Surgery.” Penn Medicine Alumni Weekend, Philadelphia, PA.
- Nov 7, 2007 “Maximally Invasive Pulmonary Resections”, The Paul Kirschner Lecture, Mt. Sinai Medical Center, New York, NY
- Nov 17, 2007 “Mediastinal Neglect: Why is Mediastinal Assessment Important and How Do We Contend with Patients Who Have Been Inadequately Stated?” 12th Annual Perspectives in Thoracic Oncology. New York, NY.
- Nov 28, 2007 “Surgical Cure of a Neurologic Disease”, Visiting Professor, Cedars Sinai Medical Center, Los Angeles, CA

ORGANIZING ROLES IN SCIENTIFIC MEETINGS:

- 2005 Local Arrangements Chair, Meeting of the American Association for Thoracic Surgery, Philadelphia, PA

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BIBLIOGRAPHY:

Research Publications, Peer-Reviewed:

1. Domer FR, **Kaiser LR**: Effects of probenecid on methotrexate exchange between the blood and cerebrospinal fluid. *Arch Int Pharmacodyn Ther* 25:(1) 17-24, Jan. 1977.
2. Storm FK, Morton DL, **Kaiser LR**, Harrison WH, Elliott RS, Weisenburger TH, Parker RG, Haskell CM: Hyperthermia: a review. *Proc Third Intl Symp on Cancer Therapy by Hypothermia, Drugs and Rad* 3:108, 1980.
3. Storm FK, **Kaiser LR**, Goodnight JE, Harrison WH, Elliott RS, Morton DL: Thermo-chemotherapy for melanoma metastases in liver. *Proc Soc Surg Oncol* 34:66, 1981.
4. Storm FK, Elliott RS, Harrison WH, **Kaiser LR**, Morton DL: Radiofrequency hyperthermia of advanced human sarcomas. *J Surg Onc* 17(2):91-98, 1981.
5. Storm FK, Harrison WH, Elliott RS, **Kaiser LR**, Silberman AW, Morton DL: Clinical radiofrequency hyperthermia by magnetic loop induction. *J Microwave Power* 16(2):179-184, June 1981.
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1. Gorman JH, Gorman RC, **Kaiser LR**: Appropriate indications for single and bilateral lung transplantation. In Griffith BP (ed). *Current Opinion in Organ Transplantation*. 2006 (In Press).
2. **Kaiser LR**, Bavaria JB: Benign lung tumors. In Pearson FG, Cooper J, Deslauriers J, Ginsberg RJ, Hiebert CA, Patterson A, Urschel HC Jr. (eds). *Thoracic Surgery, 3d Edition*. New York: Churchill Livingstone, 2006 (In Press).
3. Singhal S, Shrager JB, **Kaiser LR**: Biological treatments for lung cancer. In Sculier, Fry (eds). *Clinique des Soins Intensifs Oncologiques et de Cancerologie Pulmonaire*. Malignant Tumor of the Lung: Evidence Based Management. Jean-Paul Soulier. 2006 (In Press).
4. **Kaiser LR**: Esophagus: tumors and physiology. *Surgery: Scientific Principles & Practice, 4th Edition*. Philadelphia: Lippincott Williams & Wilkins, 2006 (In Press).
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6. **Kaiser LR**: Disorders of the Hila and Mediastinum. In ACP Medicine, Holtzman MJ, et al. July 2006. (In Press).

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7. **Kaiser LR:** Surgical Management of Primary Lung Cancer. The Principles and Practice of Surgical Oncology: Multidisciplinary Approach to Difficult Problems, 2nd ed. Philadelphia: Lippincott Williams & Wilkins, February 2007. (In Press).
8. **Kaiser LR:** Neoadjuvant Therapy for Non-small Cell Lung Cancer. General Thoracic Surgery, Seventh Addition. Lippincott Williams and Wilkins, March 2007. (In Press).

Books:

1. **Kaiser LR,** Daniel TM, (eds): *Thoracoscopic Surgery*. Boston: Little Brown & Co., 1993.
2. **Kaiser LR:** *Atlas of General Thoracic Surgery*. Chicago: Mosby Year-Book Publ., 1996.
3. **Kaiser LR** (assoc ed) Fishman AP (ed): *Pulmonary Diseases & Disorders, 3rd Edition*. New York: McGraw-Hill Publ., Vol 1&2, 1997.
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7. **Kaiser LR,** Luketich (guest eds): *Seminars in Thoracic & Cardiovascular Surgery*. Philadelphia: WB Saunders Co., 2000.
8. Fishman AP (assoc ed); Elias JA, Fishman JA, Grippi MA, **Kaiser LR,** Senior RM (eds): *Manual of Pulmonary Diseases & Disorders, 3rd Edition*. New York: McGraw-Hill Publ., 2002.
9. **Kaiser LR,** Singhal S (eds): *Surgical Foundations: Essentials of Thoracic Surgery*. Philadelphia: Elsevier, 2004.
10. Atluri P, Karakousis GC, Porrett PM, **Kaiser LR.** *The Surgical Review: An Integrated Basic & Clinical Science Study Guide, Second Edition*. Philadelphia: Lippincott Williams & Wilkins Publ., 2nd Ed, 2006.
1. **Kaiser LR,** Jamieson G (eds): *Operative Thoracic Surgery 5th Edition*. New York: Arnold Publishers, August 2006.
11. **Kaiser LR,** Kron IL, Spray TL (eds): *Mastery of Cardiothoracic Surgery 2nd Edition*. Philadelphia: Lippincott Williams & Wilkins Publ., October, 2006.
12. Sabel MS, Sondak VK, Sussman JJ (eds), **Kaiser LR** (Series Editor): *Essentials of Surgical Oncology* New York: Elsevier Science Publishers, copyright 2007.
13. Fishman AP, Elias JA, Fishman JA, Grippi MA, **Kaiser LR,** Senior R: *Pulmonary Diseases & Disorders 4th Edition*. New York: McGraw-Hill Publ., May 2008.
14. **Kaiser LR,** Pearce WH, Souba WW, Fink MP., Pemberton J, Soper N. ACS Surgery: Principles & Practice, 6th Edition. Jun 22, 2007.

Books (In Press):

1. Porrett P, Frederick J, Roses R, **Kaiser LR** (eds): *The Surgical Review: An Integrated Basic & Clinical Science Study Guide*. Philadelphia: Lippincott Williams & Wilkins Publ., 3rd Ed, (In Press).

Alternative Media:

1. Serman D, Litzky L, **Kaiser LR,** Albelda SM: Treatment of malignant mesothelioma. In: Burton Rose (ed). *UpToDate in Pulmonary & Critical Care Medicine*. (CD-ROM Program) Wellesley, MA: UpToDate, 1996.
2. Serman DH, Litzky LA, **Kaiser LR,** Albelda SM: UpToDate: The management of malignant mesothelioma. In: Sahn S (ed). *UpToDate Pulmonary Care Medicine CD-ROM Textbook*. Wellesley, MA: UpToDate, 1996.

Inventions and Patents:

1. **Kaiser LR,** Pilling (inventors): Thoracoscopy instruments. US Patent No. 5,643,316.
2. **Kaiser LR,** Albelda SM : Finger protecting sheath for thoracoscopic surgery. US Patent No 5,363,864.
3. **Kaiser LR** et al (inventors): Method of thoracoscopic surgery using hinged tissue grasping forceps. US Patent No 08/424,124.

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Past Support

(Shrager) 06/02/03 - 04/30/07 as needed
American College of Surg Onc Group \$10,000 to date
Randomized trial of mediastinal lymph node sampling versus complete lymphadenectomy during pulmonary resection in the patient with NO or N1 (less than hilar) non-small cell carcinoma.

The primary objective is to evaluate whether complete mediastinal lymph node dissection results in better overall survival when compared to mediastinal lymph node sampling in the patient undergoing resection for NO OR NON-HILAR n1 nscl.

NO1-HR76113 (Kaiser) 12/20/96 - 12/31/06 .6 cal mo.
NIH \$260,566
Clinical Centers for Lung Volume Reduction Surgery for Emphysema: A Multi-Center Assessment and Prospective Patient Registry

The purpose of this proposal is to participate as a three-arm center in a multi-center, randomized study comparing the long-term efficacy of lung volume reduction surgery performed by median sternotomy or by video-assisted thoracic surgery with intensive medical therapy.

(Albelda) Co-Investigator 1993
University of Pennsylvania Cancer Center \$30,000
Gene Therapy for thoracic Malignancies

Principal Investigator
Penn Home Infusion Therapy Grant 1994
Gene Therapy for Advanced Thoracic Malignancy \$25,000

(Albelda) Co-Investigator
National Institutes of Health (NIH); NCI program 1995-1999
Project PO1-CA66726-01; Project 2 \$4,062,244

(Albelda) (Co-Principal Investigator)
National Institutes of Health (NIH); NCI program 1995-1999
Project PO1-CA66726-01; Project 3 \$4,062,244

(Albelda) (Co-Principal Investigator)
NIH 5PO1-CA66726 06 1995-1999
Gene Therapy for Malignant Mesothelioma \$285,469

(Levine) Co-Principal Investigator
U.S. Veterans Administration 1996
Diaphragmatic Adaptation Elicited by COPD in Man \$97,291

(Roberts) Mentor
American Lung Association RG-163-N 1996-1996
Research Grant \$25,000

(Abrahm) Clinical Consultant
NIH R25CA68301 1996-1997
Palliative Care Fellowship Grant

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Principal Investigator
NIH, National Heart, Lung, and Blood Institute 1996-2003
Grant: RFP #N01-HR-76113
Clinical Centers for Lung Volume Reduction Surgery \$257,660
for Emphysema: A Multi-Center Assessment and
Prospective Patient Registry

Principal Investigator
NeuroVir, Inc. 1997-1999
Destruction of Localized Non-CNS Tumors by Herplex \$163,498
Simplex Virus

(Force) Sponsor
Thoracic Surgery Foundation for Research and Education 1997-1999
Role of p53 Tumor Suppression Gene in Malignant \$60,000
Mesothelioma Pathogenesis

Principal Investigator
SRA 1997-2003
FOCAL - The Focal Sealant for Reduction of Air
Leaks Following Pulmonary Surgery \$95,000
(Abbas) Sponsor
Thoracic Surgery Foundation for Research and Education 1998-2000
Herpes Mediated Oncolytic Therapy for Lung Cancer \$70,000

(Molner-Kimber) Co-Principal Investigator
NeuroVir, Inc. 1999-2001
Use of Producer Cells for Treatment of Epithelial \$63,341
Ovarian Carcinoma by Replication Selective Herpes
Simplex Mutants

(Molner-Kimber) Co-Principal Investigator
NeuroVir, Inc. 1999-2001
Treatment of Epithelial Ovarian Carcinoma by Replication \$106,471
Selective Herpes Simplex Mutants

(Woo) Sponsor
Thoracic Surgery Foundation for Research and Education 1999-2002
Looking at T-Cell function in Non Small Cell Lung \$70,000
Cancer Patients

(Albelda) Co-Principal Investigator
NIH 5-PO1-CA66726-03 (Project) 1 1999-2004
Gene Therapy for Malignant Mesothelioma \$285,469

(Woo and Yeh) Co-Principal Investigator
Cell Genesys 200-2001
GMCSF Tumor Vaccine in Patients with Non Small Cell
Lung Cancer

(Albelda) Co-Principal Investigator
NIH 5PO1-CA66726-05 NIH (Project 1) 200-2005

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Gene Therapy for Malignant Mesothelioma	\$85,054
(Albelda) Co-Principal Investigator NIH 5PO1-CA66726-07 0	2003-2003
Gene Therapy for Malignant Mesothelioma	\$845,348
Principal Investigator NIH, National heart, Lung and Blood Institute Grant: RFP #N01-HR-76113	2003-2004
Clinical Centers for Lung Volume Reduction Surgery For Emphysema: A Multi-Center Assessment and Prospective Patient Registry	\$131,065

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