

CURRICULUM VITAE

RICHARD K. ALBERT, M.D.

November, 2017

PERSONAL:

Current position:

Professor, Vice-Chair for Clinical Affairs
Department of Medicine
University of Colorado

12700 East 19th Ave
MS C272
Aurora, CO 80045
Richard.albert@ucdenver.edu
FAX: 303-724-6042

Citizenship: U.S.A.

Married: Linda Sloven Albert, June 25, 1967

Children: Son, Justin, born December 8, 1972
Son, Tyler, born October 5, 1976

Education:

High School:	George Washington High School, Denver, CO	9/60 - 6/63
College:	University of Wisconsin, Madison, WI	9/63 - 6/64
	University of Colorado, Boulder, CO	9/64 - 6/67
Medical School:	University of Colorado, Denver, CO	9/67 - 6/71

Home address:

517 Garfield St
Denver, CO 80206

Phone:

Cell: (303) 725-1610

Office: (303) 724-8979

POSTGRADUATE TRAINING:

Internship	University of Colorado Medical Center, Denver, Colorado	7/71 - 6/72
Residency	University of Colorado Medical Center, Denver, Colorado	7/72 - 6/73
Residency	University of Washington, Seattle, Washington	7/73 - 6/74
Fellowship	University of Colorado Medical Center, Denver, Colorado (Pulmonary Disease)	7/74 - 6/76

POSTGRADUATE TRAINING (continued):

Program for Chiefs of Clinical Services, Harvard School of Public Health, Boston, MA
1/01

Toyota Lean Thinking Systems Engineering (Black Belt) 2/05

ACADEMIC APPOINTMENTS:

Instructor, Department of Medicine
School of Medicine, University of Washington 7/76 - 6/77

Assistant Professor, Department of Medicine
School of Medicine, University of Washington 7/77 - 6/81

Associate Professor, Department of Medicine
School of Medicine, University of Washington 7/81 - 6/88

Professor, Department of Medicine
School of Medicine, University of Washington 7/88 - 6/97

Professor, Department of Medicine
School of Medicine, University of Colorado 6/97 - current

Adjunct Professor of Engineering and Computer Science
University of Denver 6/05 – 1/11

HOSPITAL POSITIONS:

Assistant Chief, Pulmonary and Critical Care Section
Veterans Administration Medical Center
Seattle, Washington 6/76-5/90

Director, Medical Intensive Care Unit
Veterans Administration Medical Center
Seattle, Washington 6/76-5/90

Visiting Research Professor
Unite de Recherche de Physio-Pathologie Respiratoire,
INSERM U. 14, University of Nancy
Nancy, France 9/84-6/85

Acting Chief, Pulmonary and Critical Care Medicine Section
Veterans Administration Medical Center
Seattle, Washington (During sabbatical of Dr. S. Lakshmi) 8/85-7/86

Section Head, Pulmonary and Critical Care Medicine
University of Washington Medical Center
Seattle, Washington 8/86-6/97

Chief, Department of Medicine
Denver Health Medical Center (formerly Denver General Hospital)
Denver, Colorado 6/97-9/15

HOSPITAL POSITIONS (continued):

Vice-Chair Department of Medicine University of Colorado	4/99-10/04
Vice-Chair for Clinical Affairs Department of Medicine University of Colorado	9/15 – current

HONORS:

Dean's List, University of Colorado, 1966, 1967
Lange Award (Best student in Medicine), University of Colorado, 1971
Alpha Omega Alpha, 1971
Western Society for Clinical Investigation, 1983
American Society for Clinical Investigation, 1987
Western Association of Physicians, 1989
Listed in thirteen consecutive editions of The Best Doctors in America, 1991, 1994, 1997, 1999, 2001-2, 2003-4, 2005-6, 2007-8, 2009-10, 2011-2012, 2013, 2014, 2015-16.
Physician Appreciation Award, Colorado Society for Respiratory Care, 2002.
Outstanding Instructor, Internal Medicine, School of Medicine, May, 2002
Wasserman Lecture and Visiting Professorship, Harbor-UCLA, February, 2005
Menkes Lecture, Maryland Thoracic Society, October, 2005
First Prize, British Medical Association Medical Book Competition, *Clinical Respiratory Medicine*, Second Edition, November, 2005.
Listed in "Guide to America's Top Physicians", Consumers' Research Council of America, 2007, 2008, 2010, 2011, 2012
Len Hudson Lifetime Achievement Award, 10/2009
Denver Health CEO Special Commendation Award, 5/2011
Best Doctors in Colorado, ColoradoBiz 2013
Best Doctors, Denver Business Journal, 2014
2014 Patient Experience Award, Denver Health, 6/2014
Huening Visiting Professor, University of Chicago, 11/15.
Physician of the Year, Colorado Society of Respiratory Care, 4/17

PROFESSIONAL ORGANIZATIONS:

American College of Physicians (Fellow), 1973
American College of Chest Physicians (Fellow), 1973
American Thoracic Society, 1973
American Federation for Clinical Research, 1975
International Union Against Tuberculosis, 1975
Washington Lung Association, 1975
American Physiological Society (Member), 1976
American Heart Association, 1977
Western Society for Clinical Investigation, 1983
American Society for Clinical Investigation, 1987
Western Association of Physicians, 1989
Society of Critical Care Medicine (009458), 1991
International Society for Heart and Lung Transplantation, 1993
European Society of Intensive Care Medicine, 1994
Denver Medical Society, 1998
Association of Professors of Medicine, 2000

NATIONAL/INTERNATIONAL RESPONSIBILITIES:

National Institutes of Health:

Ad Hoc Member, Respiratory and Applied Physiology (RAP) Study Section, 2/90; 12/92
Member, Scientific Counselors' External Review Committee, NIH Clinical Center, 12/92
Member, NHLBI COPD SCCOR Review Committee, 3/06 2009/10
Member, ZRG1 CVRS-B (58) R RFA-OD-09-003: Challenge Grants Panel 19, 2009/10
Member, ZRG1 RPHB-A (58) R RFA OD-09-003: Challenge Grants Panel 1, 2009/10
Member, Special Emphasis Panel/Scientific Review Group 2010/01 ZHL1 CSR-H (F1), 11/2009
Member, Special Emphasis Panel/Scientific Review Group 2017/05 CLTR (MA) 1, 1/17 -

American Thoracic Society:

Member, Ad Hoc Committee of Short-Course Chemotherapy, 6/77-5/79
Member, Ad Hoc Committee on Recognition and Management of Non-Compliance, 6/79-12/80
Member, Committee on Statements, Scientific Assembly on Tuberculosis, 12/80 - 6/83
Member, Education Policy and Coordination Committee, 6/82-5/85
Member, Program Committee, Scientific Assembly on Clinical Problems, 5/83 - 5/85
Member, Program Committee, Pulmonary Circulation Section, 5/83 - 5/85; 5/93-6/96
Member, Program Committee, Critical Care Section, 5/83 - 5/88
Secretary, Critical Care Section, 6/84-5/85
Secretary, Scientific Assembly of Clinical Problems, 6/84 - 5/85
Chairman Elect, Critical Care Section, 5/85 - 5/86
Chairman, Critical Care Section, 5/86 - 5/87
Chairman, Nominating Committee, Critical Care Section, 5/88 - 5/89
Member, Nominating Committee, Critical Care Section, 5/91 - 5/92
Member, Long Range Planning Committee, Critical Care Assembly, 5/91 - 5/95
Chairman, Long Range Planning Committee, Pulmonary Circ. Assembly, 5/91 - 5/94
Member, Committee on Pulmonary and Critical Care Training, 4/93 - 6/97
Member, Program Committee, Pulmonary Circulation Assembly, 4/94 - 6/96
Member, Critical Care Workforce Committee, 3/99 - 5/00
Member, Pulmonary and Critical Care Training Committee. 5/00 – 4/05
Member, Nominating Committee, Critical Care Assembly, 5/02 – 5/03
Member, International COPD Guideline Committee, 9/11 - present

American College of Chest Physicians:

Secretary, Section on Respiratory Pathophysiology, 10/80 - 10/82
Vice-Chairman, Section on Respiratory Pathophysiology, 10/82 - 10/84
Member, Original Investigations Committee, 1/90
Member, Assessment in Critical Care Committee (ACCP-SEEK), 9/93 - 5/98
Member, Assessment in Pulmonology Committee (ACCP-SEEK), 9/94 - 5/97
Co-Director, Critical Care Board Review Course, 4/98 - 4/01
Member, Pulmonary and Critical Care Section, Medical Knowledge Self-Assessment Program, 6/86-6/88; 1/96 - 1/98
Member, Working Group to Develop a Clinical Practice Guideline for Patient Initiation to and Withdrawal from Renal Replacement therapy. 3/98 - 9/00.
Member, Critical Care Update, Medical Knowledge Self-Assessment Program, 3/02 - 6/02

Veterans Administration:

Member, Respiration Section, Merit Review Board, 7/86 - 6/89

NATIONAL/INTERNATIONAL RESPONSIBILITIES (continued):

American Heart Association:

Member, Nominating Committee, Cardiopulmonary Council, 7/86 - 6/96
Delegate, Cardiopulmonary Council, 7/87 - 6/92
Member, Program Committee, Cardiopulmonary Council, 3/88 - 92
Member, Executive Committee, Cardiopulmonary Council, 7/1/89 - 92
Chairman, Membership Committee, Cardiopulmonary Council, 6/1/90 - 92
Cardiopulmonary and Critical Care Council Program Committee, 7/1/93 - 6/30/96
Member, Executive Committee, Cardiopulmonary and Critical Care Council, 7/1/83-6/30/96
Member, Scientific Councils Peer Review Committee, 6/94 - 6/96

American Board of Internal Medicine:

Member, Asthma Practice Improvement Module Committee, 1/00 - 3/02
Member, Recent Advances SEP Test-Writing Committee for Critical Care Medicine, 3/03 – 6/2003

Accreditation Council for Graduate Medical Education

Residency Review Committee for Internal Medicine, 5/97
Co-Chair, Committee on the Learning Environment (CILE) Work Group 4, 11/05 – 1/07

Other Organizations:

International Advisor, Aspen Lung Conference, 6/88 - 5/99
Member, Program Committee, International Liver Transplantation Society, 3/96 - 10/97
Member, Education Committee, Association of Professors of Medicine 8/04 - present
Member, Review Committee, Clinical Research Infrastructure Initiative, Wellcome Trust-British Medical Research Council, 12/05 – 3/06
Member, Data Safety Monitoring Board, A multicenter randomized controlled study testing the effect of prone positioning on mortality inpatients with severe and persistent acute respiratory distress syndrome (PROSEVA). PI: Hugues Desanlis, Délégation à la Recherche Clinique, Hospices Civils de Lyon, 4/08 – present
Chair, Data Safety Monitoring Board, Hemolung™ Respiratory Assist System in COPD Patients with Acute Respiratory Failure that Failed Non-Invasive Ventilation, ALung Technologies. 5/08 – 5/10.
Chief Scientific Advisor, Stone Medical Corporation, 7/08 – 7/10
Member, Life and Health Sciences Scientific Commission, Belgian Fund for Scientific Research, 5/11 –11/12
Member, National Qualify Forum Pulmonary and Critical Care Endorsement Maintenance Steering Committee, 1/12 – 4/12.
Grant reviewer, German Federal Ministry of Education and Research, 5/16
Grant reviewer, Department of Defense RPMRP Clinical Trials Group, 5/16

LOCAL RESPONSIBILITIES:

State of Washington:

Member, Tuberculosis Advisory Committee, Washington State Department of Social and Health Services, 10/80 - 10/82, 10/84 - 6/97
Chairman, Tuberculosis Advisory Committee, Washington State Department of Social and Health Services, 10/82 - 10/83
Member, Tuberculosis Advisory Coalition, 3/93 - 7/93

LOCAL RESPONSIBILITIES (continued):

Veterans Administration Medical Center (Seattle):

Chairman (alternating yearly), Critical Care Committee, 6/78 - 5/90
Member, Research and Development Committee, 9/81 - 9/84, 9/85 - 9/86, 9/87 - 9/89, 9/91 - 8/93
Member, Scientific Review and Evaluation Subcommittee, 9/81 - 9/82
Chairman, Scientific Review and Evaluation Subcommittee, 9/82 - 9/83
Chairman, Research and Development Committee, 9/83 - 9/84
Member, Animal Studies Subcommittee, 9/87 - 9/89
Member, Long-range Research Planning Committee, 10/87 - 4/90

University of Washington:

Intensive Care Committee, 10/85 - 6/97
Member, Faculty Senate, 9/88 - 9/90
Member, Appointments and Promotions Committee, Department of Medicine, 7/1/90 - 6/30/93
Member, Scientific Affairs Faculty Council, 11/1/90 - 10/30/92
Member, Thoracic Surgery Section Chief Search Committee, 1/90 - 8/90
Co-Medical Director, Lung Transplant Program, 7/1/90 - 7/97
Member, Transplant Cardiologist Search Committee, 10/91-10/92
Member, Department of Medicine Senior Fellow's Course Committee, 10/91 - 4/92
Chairman, Department of Medicine Senior Fellow's Course Committee, 4/92 - 4/94
Member, Chairman, Department of Anesthesiology Search Committee, 4/24/92 - 6/94
Chairman, Ad Hoc Committee on Clinical Training of Medicine Subspecialty Fellows, 7/20/92 - 8/1/96.
Member, Long-Range Planning Committee for Transplantation, 4/93 - 9/94
Member, Subcommittee on Quality Assessment and Improvement, 1/94 - 6/97
Member, University Transplant Committee, 9/94 - 6/97

Member, Medical Advisory Committee, University of Washington Health Plans Board, 4/95 - 6/97
Medical Director, Lung Volume Reduction Surgery Program, 4/94 - 6/97.
Member, University Housestaff Committee, 7/95 - 6/96
Member, University of Washington Physicians Network, Department of Medicine Steering Committee, 2/95 - 6/97

Washington Lung Association:

Member, Tuberculosis Committee, 10/87 - 6/97
Member, Continuing Education Committee, 10/89 - 6/97
Washington Thoracic Society, Executive Committee, Member at Large, 1/95 - 6/97
Member, Government Relations Committee, 4/95 - 6/97
Secretary, Washington Thoracic Society, 1/97 (relinquished, 6/97)

State of Colorado

Member, Cancer, Cardiovascular Disease, and Pulmonary Disease Competitive Grants Program
Review Committee for Colorado Department of Public Health and Environment
10/06 – 6/08
Chair, Cancer, Cardiovascular Disease, and Pulmonary Disease Competitive Grants Program
Review Committee for Colorado Department of Public Health and Environment
10/06 – 4/09

LOCAL RESPONSIBILITIES (continued):

Denver Health:

Member, Medical Staff Executive Committee, 6/97 – 9/15
Member, Research Committee, 6/97 - 11/04
Member, Graduate Medical Education Committee, 8/97 – 9/15
Chair, Adult Service Line 1/98 - present
Chair, Anesthesiology Director of Service Search Committee, 5/98 - 11/98
Member, Physician Billing Committee 10/98 – 10/02
Member, Physician Compensation Committee, 10/98 – 10/00
Member, Medicine Subspecialty Clinic Construction Committee 11/98 - 11/99
Member, MICU Construction Committee, 11/98 - 7/03
Member, Construction Executive Committee, 11/99 - 7/03
Member, Value Analysis Committee, 1/00 - 1/04
Member, Facilities and Resources Committee, 2/00 – 9/15
President-Elect, Medical Staff, 8/01 - 10/02
Chair, Screening Mammogram Task Force 4/02 - 6/02
President, Medical Staff, 10/02 - 10/04
Chair, Medical Staff Executive Committee, 10/02 - 10/04
Chair, MICU Computer Order Entry Committee, 10/02 – 10/05
Chair, Denver Health Research Building Committee, 9/02 – 9/06
Member, Associate Medical Director Search Committee, 3/03 - 12/03
Member, Chief of Radiology Search Committee, 5/03 - 9/03
Member, Hospital Redesign Internal Steering Committee, 8/03
Member Ambulatory Care Steering Committee, 9/03 – 8/07
Co-Chair, Sponsored Projects and Research Committee, 11/04 – 9/15
Member, Director of Nursing Search Committee, 6/07 – 11/07
Member, Director of Emergency Department Search Committee, 4/07 – 11/10
Member, Chair, Department of Surgery Search Committee, 2/11 – 3/12.
Member, RVU Governance Committee, 2/13 – 9/15
Member, Workforce Governance Committee, 2/13 – 9/15
Member, Medical Operations Council, 5/13 – 3/15
Member, Physician Compensation Advisory Committee, 5/13 – 9/15
Member, FTE Committee, 9/13 – 9/15
Member, Joint Strategy Taskforce, 4/14 – 9/15

University of Colorado Health Sciences Center:

Member, Medicine Residency Committee, 6/97 - present
Member, Faculty Senate, 1/99 - 6/02
Member, Vice-Chancellor for Research Search Committee, 6/00 - 1/02
Member, School of Medicine Appointments and Promotion Committee, 9/00 - 9/02
Member, Department of Medicine Finance Committee, 5/03 - 10/04
Member, Chair of Pediatrics Search Committee, 7/04 – 8/05
Member, Vice-Chancellor for Research Search Committee, 6/00 - 1/02
Member, School of Medicine Appointments and Promotion Committee, 9/00 - 9/02
Member, Department of Medicine Finance Committee, 5/03 - 10/04
Member, Chair of Pediatrics Search Committee, 7/04 – 8/05
Member, Gastroenterology/Hepatology Division Head Search Committee, 8/04 – 9/05
Member, Pulmonary Sciences and Critical Care Medicine Division Head Search Committee, 9/04 - 10/04
Member, University of Colorado Cancer Center Director Search Committee, 8/07 – current
Member, Emergency Medicine Department Status Committee, 4/08 – 4/09
Member, Chair, Department of Emergency Medicine Search Committee, 4/10 – 5/11
Member, Vice-Chair for Faculty Development Search Committee, 12/14 - 2/15.
Member, General Internal Medicine Division Head Search Committee, 2/15 – 3/16

LOCAL RESPONSIBILITIES (continued):

University of Colorado Health Sciences Center (continued)

Member, Clinical Liaison Committee, 10/15 –
Chair, Hospital Medicine Division Head Search Committee, 4/16-7-17
Member, Compliance Committee, CU Medicine, 11/17 – 10/20

Denver Medical Society

Member, Board of Directors 8/03 - 5/05

University of Denver:

Member, Search Committee for Dean, School of Physical and Mathematic Science, 12/06 - 4/07
Member, Center on Aging Planning Committee, 11/09 – present
Member, Executive Advisory Board, School of Engineering and Computer Science, 12/10 -
12/11
Member, Director, Center on Aging Search Committee, 6/14 – 6/15

LICENSURE AND BOARD CERTIFICATION:

Colorado (#17395), 1997

American Board of Internal Medicine, 1974 (# 045893)
Pulmonary Disease, 1978
Critical Care Medicine, 1988
Critical Care Medicine recertification, 1997

PATENTS

Flexible Head of Bed Elevation Device and Alarm. Patent # 8,836,515, 9/16/2014.

REVIEW AND REFEREE WORK:

Editorial Boards:

Journal of Critical Care, 7/85-1/94
American Journal of Respiratory and Critical Care Medicine (formerly the American Review of
Respiratory Disease), 2/86-8/8/04 (four terms)
Journal of Applied Physiology, 7/1/91-10/31/96 (two terms)
The Merck Manual of Diagnosis and Therapy and The Merck Manual - Home Edition, 3/02 –
present
Biomed Central, Pulmonary Medicine, 10/08 – 10/13
Korean Journal of Internal Medicine, 3/09 – 3/13

Associate Editor:

American Journal of Respiratory and Critical Care Medicine, 9/99 - 9/04

Deputy Editor:

American Journal of Respiratory and Critical Care Medicine, 9/04 – 12/31/09

REVIEW AND REFEREE WORK (continued):

Co-Editor-in-Chief:

MD Consult - Respiratory and Critical Care Medicine, 6/01 - 8/04

INTERNATIONAL SPEAKING:

I have delivered invited lectures in Austria, Australia, Belgium, Canada, the Canary Islands, China, Egypt, England, France, Greece, Italy, Japan, Korea, Mexico, the Netherlands, Spain and Wales. No record kept of local, regional or national speaking.

TEACHING RECORD

University of Washington:

Medical Student: University of Washington, Human Biology 540, Lecturer and Discussion Group Leader annually from 1976 through 1997 (with exception of 1984-5 when I was on sabbatical). Contributed to syllabus writing (section on the Pulmonary Circulation).

Internal Medicine Residents and Pulmonary and Critical Care Medicine Fellows: Attending physician, Medical Intensive Care Unit, 7 days/week, three months/year, 1976 through 1997.

Pulmonary and Critical Care Fellows: Attending physician, Pulmonary Clinic, one half-day/week, 48 weeks/year from 1976 through 1997.

Denver Health/University of Colorado:

Internal Medicine Residents: Morning report, three to five days/week, 48 weeks/year from 1997 through 2015.

Internal Medicine Residents and Pulmonary and Critical Care Fellows: MICU Attending, 7 days/week, 2 or 3 months/year from 1997 through 2015.

Internal Medicine Residents: Attending, Internal Medicine Inpatient Service, 7 days/week, one month/year from 1997 through 2015.

University of Colorado

Medical Students: Block Co-Director, Cardiovascular, Pulmonary Renal Block, 9/15-8/16

Internal Medicine Residents: Noon conference (i.e., Morning Report), twice monthly, 1/16

Internal Medicine Residents and Pulmonary and Critical Care Fellows: Attending on Advanced Lung Disease Inpatient Service, 6-8 wks/yr, 9/16 -

GRANT SUPPORT (Current):

1. Department of Defense RPMRP Clinical Trial Award: Sigh Ventilation to Reduce the Incidence and/or the Severity of the Acute Respiratory Distress Syndrome. P.I.: Albert, \$6,600,000. 9/30/15-8/31/20.
2. PCS-1504-30430. Roflumilast or azithromycin to prevent COPD exacerbations. PECORI, \$11,700,000, P.I.: J. Krishnan, Role: Member, Executive Committee.

GRANT SUPPORT (Completed):

1. NHLBI HL21463 Program Project Grant: "Pulmonary Edema in ARDS - Basic Mechanisms and Treatment" (P.I.: J. Butler, \$3,443,808).
Investigator, Project 2: "Sites of Leakage in Pulmonary Edema", \$268,742, 7/79 - 6/84.
2. Veterans Administration Merit Review: "Extra-alveolar Interstitial Compliance" (P.I.: R.K. Albert), \$90,000, 7/81-3/85.
3. NHLBI HL 24163 Program Project Grant: "The Lung Circulations and Fluid Exchange" (P.I.: J. Butler, \$3,012,929)
Principal Investigator Project 3: "Lipoxygenase Products of Arachidonic Acid and Pulmonary Vascular Fluid Filtration", \$170,711, 7/84-6/87.
Principal Investigator Core B: Arachidonic Acid Metabolite Core, \$321,539, 7/84-6/89.
4. Veterans Administration Merit Review: "Extra-alveolar Leakage in Pulmonary Edema" (P.I.: R.K. Albert), \$125,564, 4/85-4/88.
5. NHLBI HL24163 Program Project Grant: "The Lung Circulations and Fluid Exchange" (P.I.: J. Butler, \$272,986)
Principal Investigator Project 3: "Lipoxygenase Products of Arachidonic Acid and Pulmonary Vascular Fluid Filtration", \$189,340, 4/87-6/89
6. NHLBI HL24163 Program Project Grant, "Mechanisms of Heterogeneity in the Lung" (P.I.: M. Hlastala, \$5,077,820),
Principal Investigator Project 2: "Effects of the Prone Position on Regional VA and Q", \$378,260, 7/89-6/92.
7. Veterans Administration Merit Review: "Extra-alveolar Vessels in Pulmonary Edema". P.I.: R.K. Albert, \$421,900, 4/88-3/92
8. NHLBI HL24163 Program Project Grant, "Mechanisms of Heterogeneity in the Lung", Supplement (P.I.: M. Hlastala, \$722,575)
Principal Investigator Project 2: "Effects of the Prone Position on Regional VA and Q", \$436,960, 7/92-6/93.
9. NHLBI HL24163 Program Project Grant, "Mechanisms of Heterogeneity in the Lung" (P.I.: M. Hlastala, \$5,077,820),
Principal Investigator Project 4: "Corner Vessel Anatomy and Function", \$769,463, 7/89-6/94
10. NHLBI 92-HL-02L SCOR in Acute Lung Injury: "Mechanisms of Inflammation that Incite and Sustain Acute Lung Injury" (P.I. L.D. Hudson, \$10,076,264)

Co-Investigator Project 7: "Mechanisms and Consequences of Phagocyte Adhesion in Acute Lung Injury", \$721,896, 12/93-4/96.
11. AI-92-07: "Immunoregulation of the Cells and Mediators of Asthma" (P.I.: W.R. Henderson, \$4,071,701)
Principal Investigator Core B: Physiology/Morphology Core, \$478,765, 7/93 - 6/98 (relinquished 7/97)
12. NHLBI Vascular Disease Academic Award (P.I.: B.H. Culver, \$890,022)
Co-Investigator, 7/93-6/98 (relinquished 7/97)

GRANT SUPPORT (Completed) (continued):

13. NHLBI-HR-97-02 "Clinical Centers for Lung Volume Reduction Surgery for Emphysema: A Multi-Center Assessment and Prospective Patient Registry", (P.I.: R.K. Albert, \$850,326), 12/96-12/03 (relinquished 7/97).
14. NHLBI 1RO-1 HL50990 "Heterogeneity of Interstitial Pressures", (P.I.: R.K. Albert, \$816,659), 4/95-3/00.
15. NIH/AHRQ RFA-HS-05-012 (Daugherty PI). Improving Patient Safety Through Provider Communication Strategy Enhancements \$599,081 (Albert 5%), 6/1/05-5/31/07.
16. NHLBI 1 U10 HL074409-01 COPD Clinical Trials Network. Novel Strategies Targeting Acute Exacerbations of COPD. (P.I. RK Albert, \$4,587,365), 7/1/03 - 1/30/14.
17. Colorado Department of Public Health and Environment. Development of a Regional Ebola and Other Special Pathogen Treatment Center for HHS Region 8. P.I.: Price. Role: Biocontainment Unit Critical Care Director (relinquished, 9/1/2015).
18. Department of Defense RPMRP Clinical Trial Award: Beta-Blockers for the Prevention of Acute Exacerbations of COPD. P.I.: Dransfield, Role: Site P.I., \$11,000,000, 9/30/15-8/31/20. Relinquished, 1/16.
19. NHLBI-HR-06-07: Long-term Oxygen Treatment Trial (LOTT). Regional Clinical Centers (RCC), Site P.I. R.K. Albert, \$1,619,522, 9/30/06-9/30/16.

BIBLIOGRAPHY

PAPERS PUBLISHED IN PEER-REVIEWED JOURNALS:

1. **Albert RK**, Roberts JP, Oliva PB. Electrocardiogram of the month. Atrial arrhythmias with low amplitude P waves. *Chest* 1974;65(1):82-3. PMID: 4809337.
2. **Albert RK**, Sbarbaro JA, Hudson LD, Iseman MD. High-dose ethambutol: A 6-year study of its role in intermittent chemotherapy. *Am Rev Respir Dis* 1976;114(4):699-704. PMID: 970746.
3. **Albert RK**, Stage A, Iseman M, Pierson D, Sbarbaro JA. Monitoring tuberculosis patients for treatment failure. *Am Rev Respir Dis* 1976;114(6):1051-60. PMID: 827221.
4. **Albert RK**, Petty, TL. Endobronchial tuberculosis progressing to bronchial stenosis. *Chest* 1976;70(4):537-9. PMID: 975957.
5. Butler J, Culver BH, Huseby J, **Albert RK**. The hemodynamics of pulmonary edema. *Am Rev Respir Dis* 1977;115:173-80.
6. **Albert RK**, Lakshminarayan S, Miller W. Long-term rifampin therapy and the secondary antibody response to killed influenza vaccine. *Am Rev Respir Dis* 1978;117:605-7.
7. **Albert RK**, Lakshminarayan S, Huang T, Butler J. Fluid leaks from extra-alveolar vessels in living dog lungs. *J Appl Physiol: Respir Environ Exercise Physiol* 1978;44(5):759-62. PMID: 348659.
8. Dreisin RB, **Albert RK**, Talley PA, Kryger MH, Scoggin CH, Zwillich CW. Flexible fiberoptic bronchoscopy in the teaching hospital. *Chest* 1978;74(2):144-9. PMID: 679742.
9. **Albert RK**, Lakshminarayan S, Hildebrandt J, Kirk W, Butler J. Increased surface tension favors pulmonary edema formation in anesthetized dogs' lungs. *J Clin Invest* 1979;63(5):1015-8. PMID: 447823.
10. Rostykus PS, McDonald GB, **Albert RK**. Upper intestinal endoscopy induces hypoxemia in patients with obstructive pulmonary disease. *Gastroenterology* 1980;78(3):488-91. PMID: 7351288.
11. **Albert RK**, Martin TR, Lewis SW. Controlled clinical trail of methylprednisolone in patients with chronic bronchitis and acute respiratory insufficiency. *Ann Int Med* 1980;92(6):753-8. PMID: 6770731.
12. Iseman MD, **Albert RK**, Locks M, Raleigh J, Sutton F, Farer LS. Guidelines for short-course chemotherapy of tuberculosis. *Am Rev Respir Dis* 1980;121:611-3.
13. **Albert RK**, Lakshminarayan S, Kirk W, Butler J. Lung inflation can cause pulmonary edema in zone I of in-situ dog lungs. *J Appl Physiol: Respir Environ Exercise Physiol* 1980;49(5):815-9. PMID: 7249903.
14. **Albert RK**, Condie F. Handwashing patterns in medical intensive care units. *New Engl J Med* 1981;304(24):1465-6. PMID: 7248048.
15. **Albert RK**. Factors affecting transvascular fluid and protein movement in pulmonary edema and ARDS. *Sem Respir Med* 1981;2:109-13.
16. Martin TR, Lewis SW, **Albert RK**. The prognosis of patients with chronic obstructive pulmonary disease after hospitalization for acute respiratory failure. *Chest* 1982;82(3):310-4. PMID: 7105857.

PAPERS PUBLISHED IN PEER-REVIEWED JOURNALS (continued):

17. **Albert RK**, Lakshminarayan S, Charan NB, Kirk W, Butler J. Extra-alveolar vessel contribution to hydrostatic pulmonary edema in in-situ dog lungs. *J Appl Physiol: Respir Environ Exercise Physiol* 1983;54(4):1010-7. PMID: 6853276.
18. Coffey RL, Robertson HT, **Albert RK**. Mechanisms of physiological dead space response to PEEP after oleic acid lung injury. *J Appl Physiol* 1983;55(5):1550-7. PMID: 6358162.
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